

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039003.D
 Acq On : 22 Nov 2023 15:23
 Operator : JC/MD
 Sample : VX1122WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 01:33:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	113286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95770	52.464	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.920%			
35) Dibromofluoromethane	5.385	113	73520	49.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.200%			
50) Toluene-d8	8.647	98	273698	48.264	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.520%			
62) 4-Bromofluorobenzene	11.079	95	110502	48.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25562	19.338	ug/l	96
3) Chloromethane	1.294	50	27862	16.149	ug/l	96
4) Vinyl Chloride	1.374	62	28750	17.299	ug/l	98
5) Bromomethane	1.605	94	20328	29.584	ug/l	98
6) Chloroethane	1.685	64	18087	19.071	ug/l	99
7) Trichlorofluoromethane	1.886	101	41823	19.832	ug/l	96
8) Diethyl Ether	2.130	74	17587	19.147	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	26177	18.717	ug/l	94
10) Methyl Iodide	2.453	142	28162	16.544	ug/l	94
11) Tert butyl alcohol	2.953	59	54777	107.891	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	24810	17.571	ug/l	98
13) Acrolein	2.233	56	27703	103.135	ug/l	99
14) Allyl chloride	2.666	41	52254	18.484	ug/l	96
15) Acrylonitrile	3.062	53	105244	98.103	ug/l	98
16) Acetone	2.373	43	114271	117.593	ug/l	92
17) Carbon Disulfide	2.514	76	64064	14.648	ug/l	100
18) Methyl Acetate	2.703	43	96181	20.838	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	100115	20.159	ug/l	99
20) Methylene Chloride	2.788	84	30950	17.668	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	27194	17.455	ug/l	96
22) Diisopropyl ether	3.757	45	102437	19.752	ug/l	96
23) Vinyl Acetate	3.721	43	370631	99.230	ug/l	100
24) 1,1-Dichloroethane	3.611	63	53944	18.600	ug/l	98
25) 2-Butanone	4.550	43	164474	104.374	ug/l	99
26) 2,2-Dichloropropane	4.471	77	48042	19.097	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	32941	18.139	ug/l	98
28) Bromochloromethane	4.897	49	28185	20.242	ug/l	95
29) Tetrahydrofuran	4.995	42	101117	101.061	ug/l	98
30) Chloroform	5.092	83	55422	19.571	ug/l	91
31) Cyclohexane	5.470	56	45502	17.459	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	47898	19.527	ug/l	100
36) 1,1-Dichloropropene	5.696	75	39809	18.740	ug/l	99
37) Ethyl Acetate	4.708	43	55011	19.876	ug/l	96
38) Carbon Tetrachloride	5.678	117	39214	19.973	ug/l	97
39) Methylcyclohexane	7.379	83	48023	17.331	ug/l	96
40) Benzene	6.037	78	116308	18.511	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations
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 Supervised By :Mahesh Dadoda 11/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	29624	20.638	ug/l	93
42) 1,2-Dichloroethane	6.080	62	46245	22.215	ug/l	99
43) Isopropyl Acetate	6.336	43	90075	20.365	ug/l	99
44) Trichloroethene	7.123	130	29719	19.432	ug/l	97
45) 1,2-Dichloropropane	7.427	63	32711	19.346	ug/l	98
46) Dibromomethane	7.580	93	22952	20.355	ug/l	97
47) Bromodichloromethane	7.824	83	44872	20.050	ug/l	99
48) Methyl methacrylate	7.696	41	42846	19.965	ug/l	95
49) 1,4-Dioxane	7.659	88	17480	421.021	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	303591	107.404	ug/l	100
52) Toluene	8.720	92	73727	18.909	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	50557	19.010	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	53832	19.596	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	32359	19.890	ug/l	93
56) Ethyl methacrylate	9.116	69	54918	19.951	ug/l	97
57) 1,3-Dichloropropane	9.305	76	53939	20.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	127779	99.650	ug/l	94
59) 2-Hexanone	9.427	43	239998	105.931	ug/l	97
60) Dibromochloromethane	9.518	129	32596	19.705	ug/l	100
61) 1,2-Dibromoethane	9.610	107	34563	20.246	ug/l	100
64) Tetrachloroethene	9.275	164	23153	19.220	ug/l	95
65) Chlorobenzene	10.079	112	80267	19.227	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	29675	19.761	ug/l	98
67) Ethyl Benzene	10.195	91	148021	19.299	ug/l	99
68) m/p-Xylenes	10.299	106	111559	38.451	ug/l	98
69) o-Xylene	10.640	106	54346	18.930	ug/l	96
70) Styrene	10.652	104	90267	18.618	ug/l	99
71) Bromoform	10.799	173	23985	19.159	ug/l #	100
73) Isopropylbenzene	10.963	105	143320	18.396	ug/l	99
74) N-amyl acetate	10.841	43	76010	18.456	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	56577	18.603	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	47528m	19.051	ug/l	
77) Bromobenzene	11.195	156	32057	18.312	ug/l	95
78) n-propylbenzene	11.305	91	177378	18.497	ug/l	98
79) 2-Chlorotoluene	11.366	91	104216	18.312	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	122251	18.662	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18271	16.245	ug/l	87
82) 4-Chlorotoluene	11.457	91	122465	18.662	ug/l	100
83) tert-Butylbenzene	11.713	119	123895	19.204	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	123665	18.652	ug/l	99
85) sec-Butylbenzene	11.890	105	157790	18.698	ug/l	98
86) p-Isopropyltoluene	12.006	119	126444	18.665	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	65913	19.228	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	66031	18.820	ug/l	99
89) n-Butylbenzene	12.335	91	123413	18.057	ug/l	97
90) Hexachloroethane	12.536	117	24350	18.000	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	62449	19.207	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14448	19.390	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	40379	18.533	ug/l	99
94) Hexachlorobutadiene	13.725	225	14337	18.581	ug/l	96
95) Naphthalene	13.774	128	151537	18.674	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	39788	19.264	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

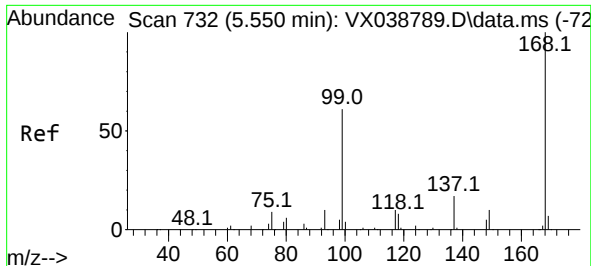
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 01:33:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

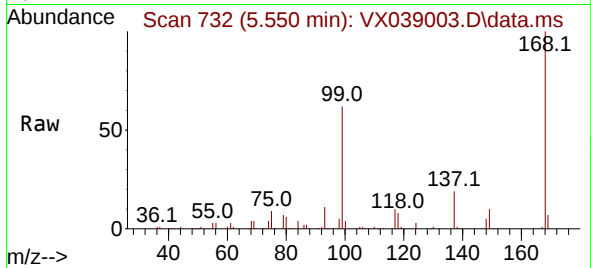
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

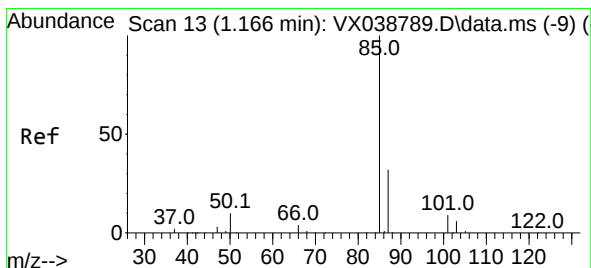
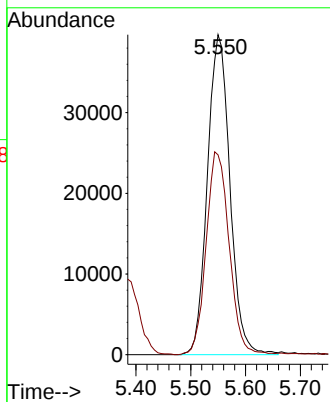
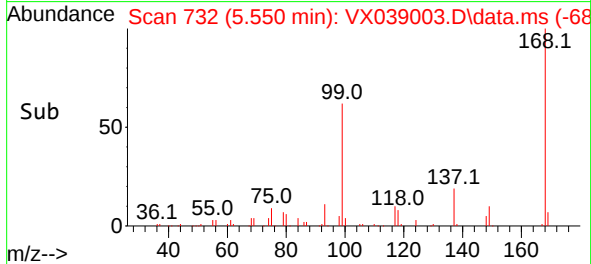
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion:168 Resp: 113280
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0

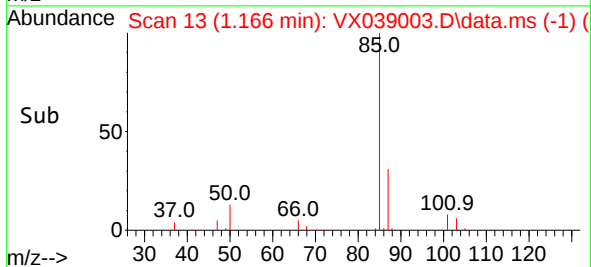
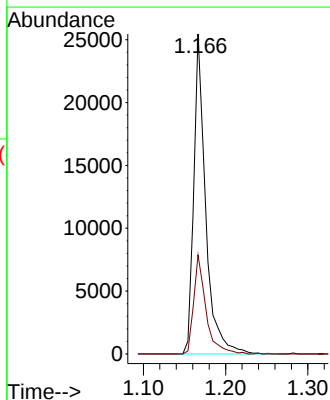
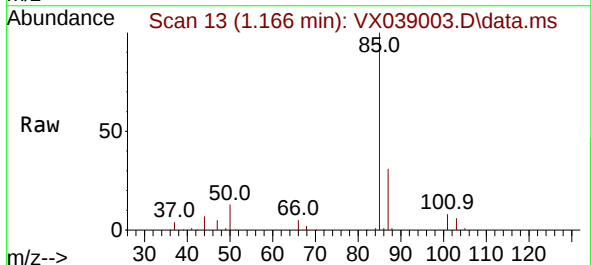
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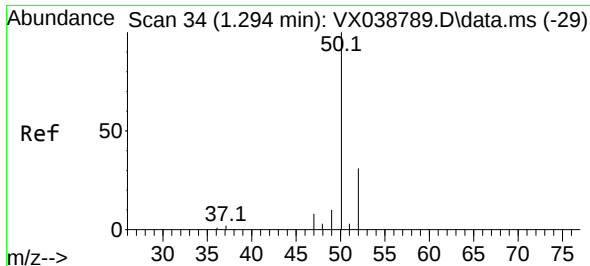
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#2
Dichlorodifluoromethane
Concen: 19.338 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

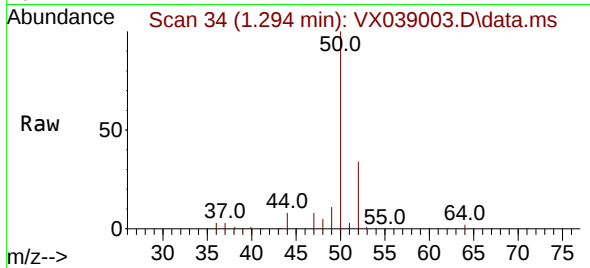
Tgt Ion: 85 Resp: 25562
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





#3
Chloromethane
Concen: 16.149 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

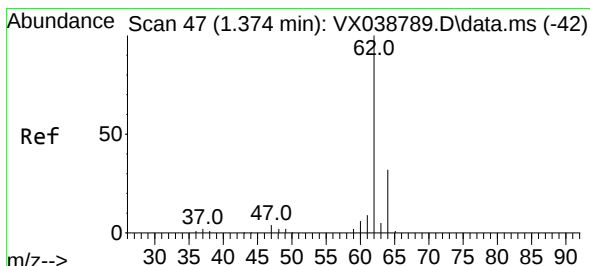
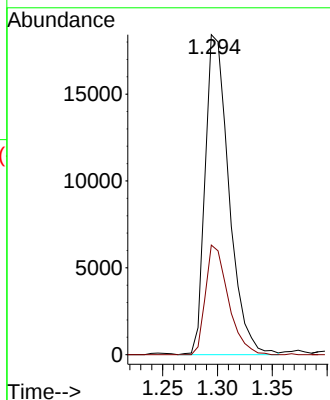
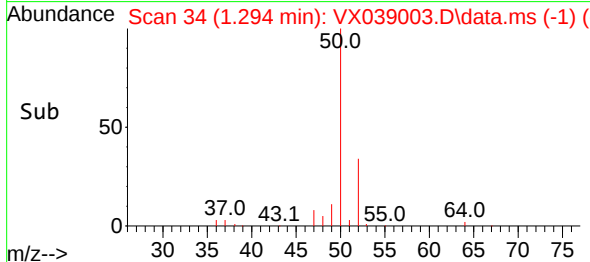
Instrument :
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ClientSampleId :
VX1122WBSD01



Tgt Ion: 50 Resp: 27862
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3

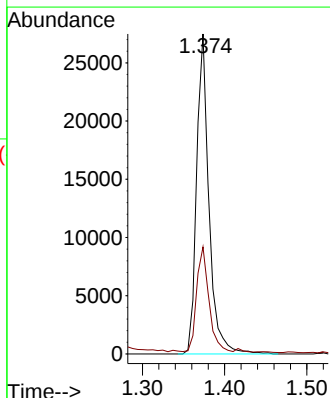
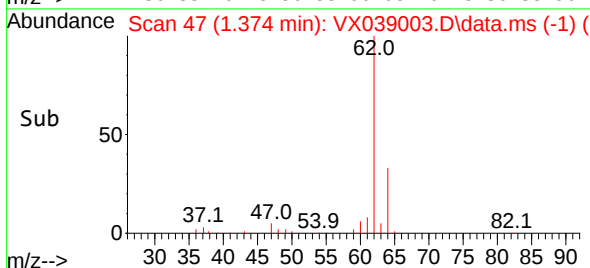
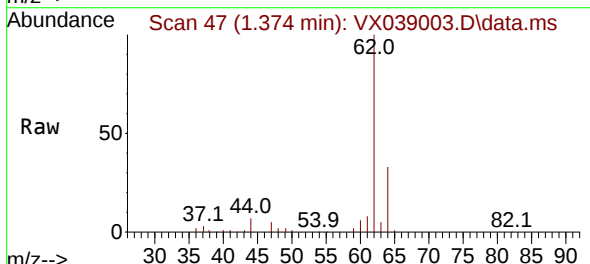
Manual Integrations
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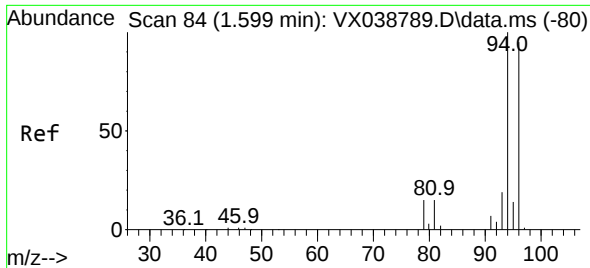
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#4
Vinyl Chloride
Concen: 17.299 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Tgt Ion: 62 Resp: 28750
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





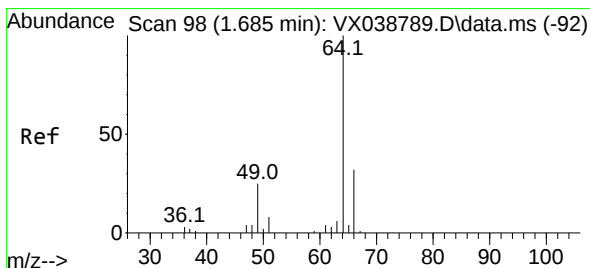
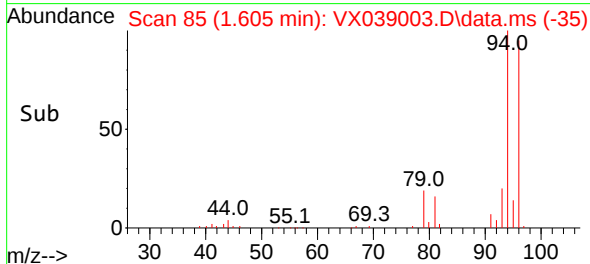
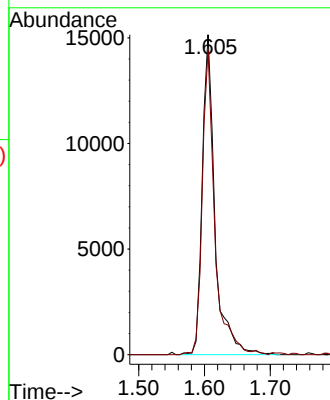
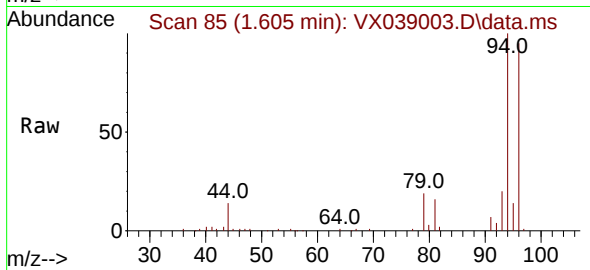
#5
Bromomethane
Concen: 29.584 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 20328
Ion Ratio Lower Upper
94 100
96 95.1 74.6 111.8

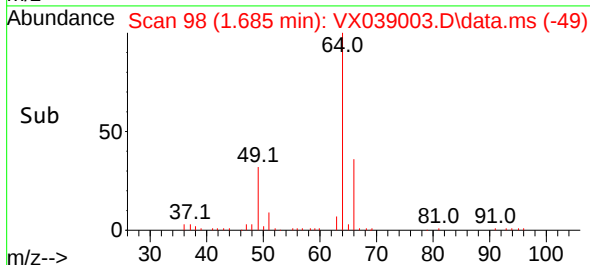
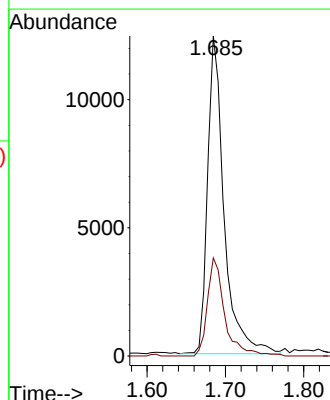
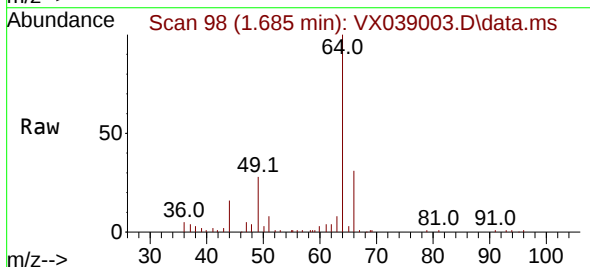
Manual Integrations
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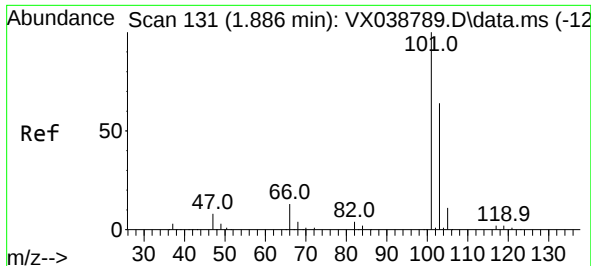
Reviewed By :John Carlone 11/24/2023
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#6
Chloroethane
Concen: 19.071 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Tgt Ion: 64 Resp: 18087
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7





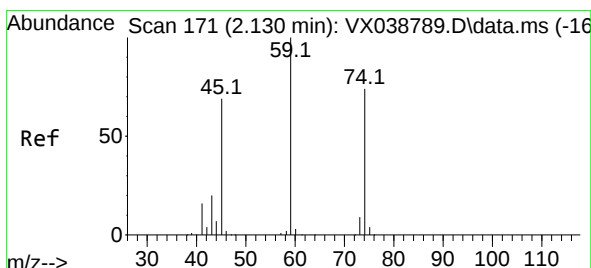
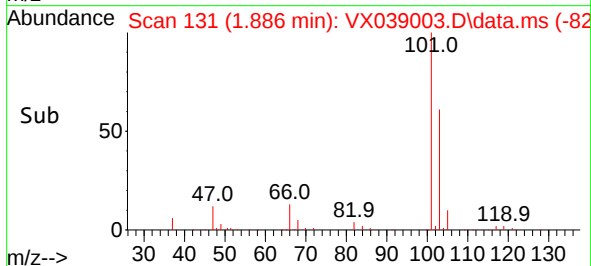
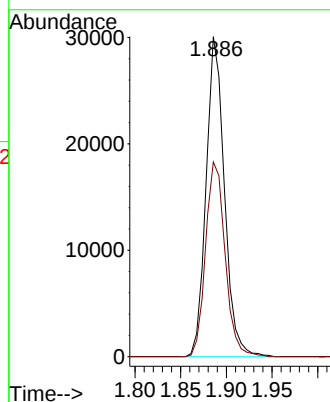
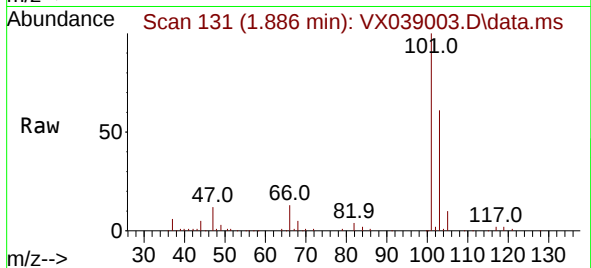
#7
Trichlorofluoromethane
Concen: 19.832 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion:101 Resp: 4182
Ion Ratio Lower Upper
101 100
103 60.9 51.4 77.2

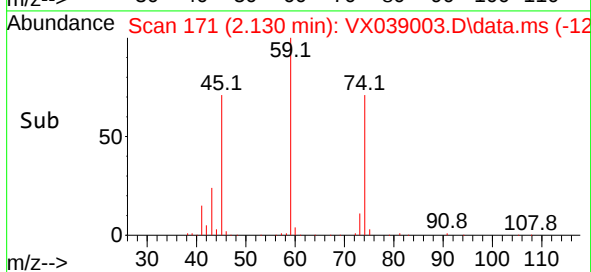
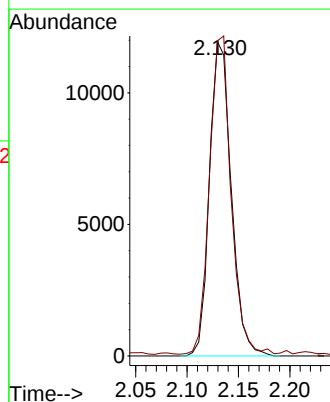
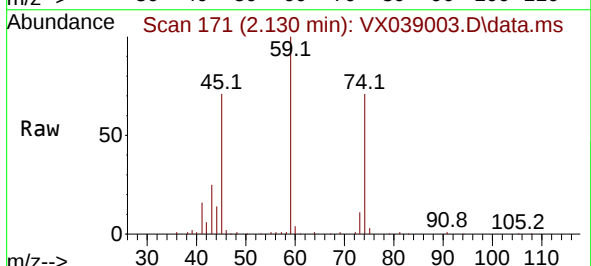
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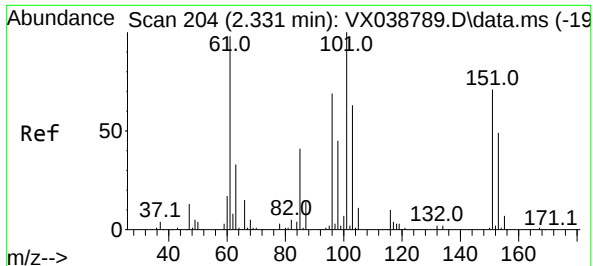
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#8
Diethyl Ether
Concen: 19.147 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Tgt Ion: 74 Resp: 17587
Ion Ratio Lower Upper
74 100
45 100.1 53.3 159.8





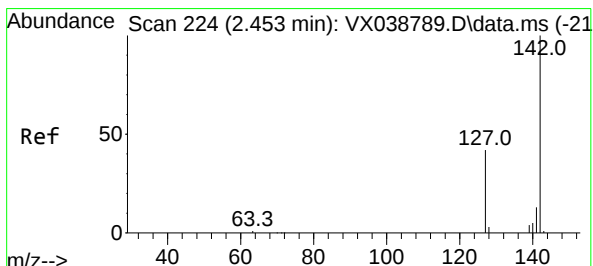
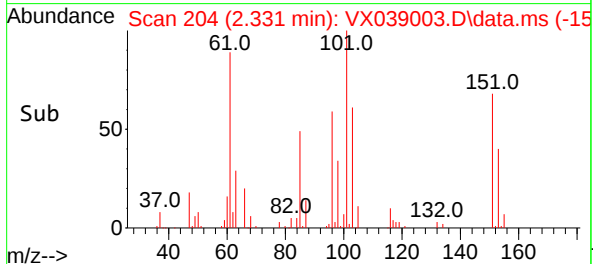
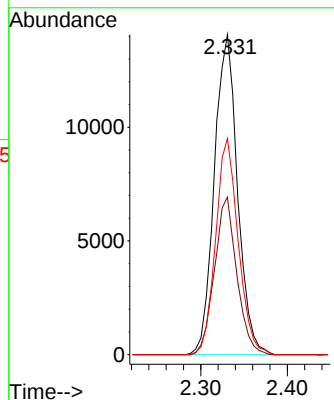
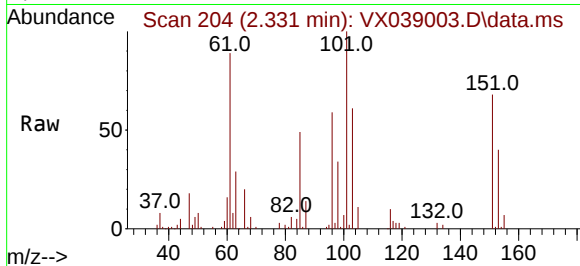
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.717 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion:101 Resp: 2617
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 65.8 58.6 87.8

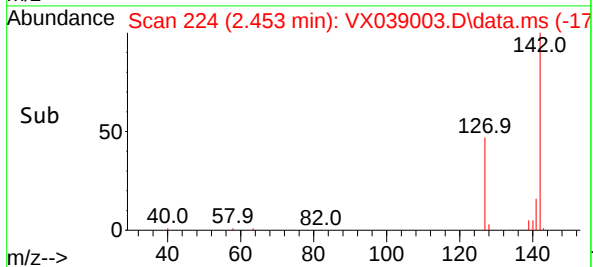
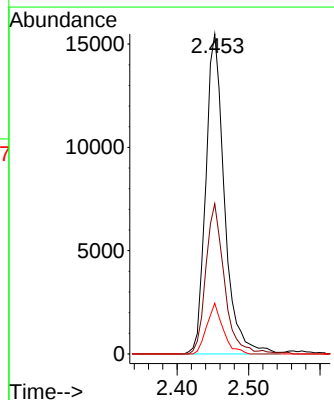
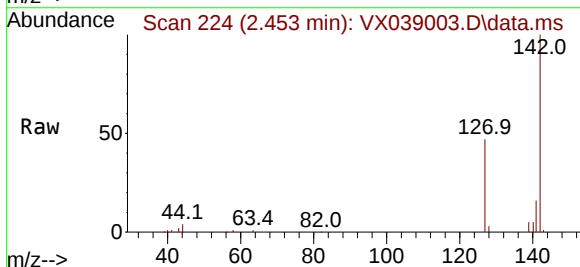
Manual Integrations
APPROVED

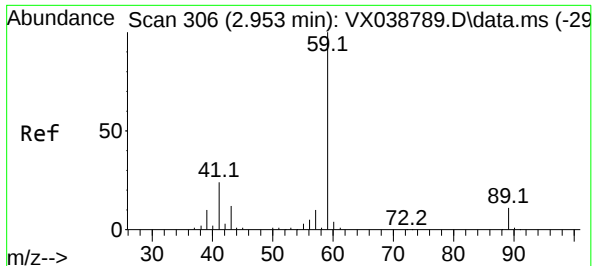
Reviewed By :John Carbone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#10
Methyl Iodide
Concen: 16.544 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

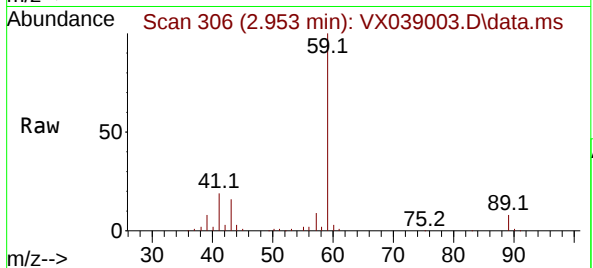
Tgt Ion:142 Resp: 28162
Ion Ratio Lower Upper
142 100
127 46.9 41.6 62.4
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 107.891 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

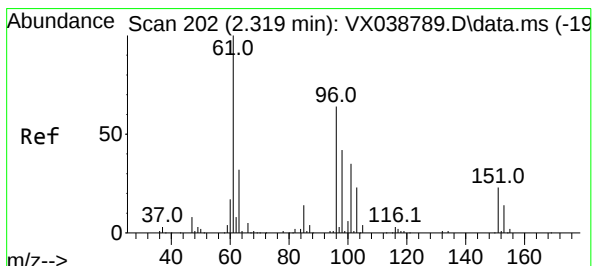
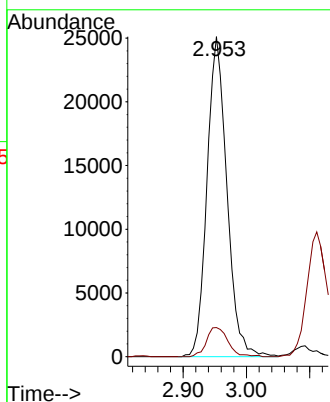
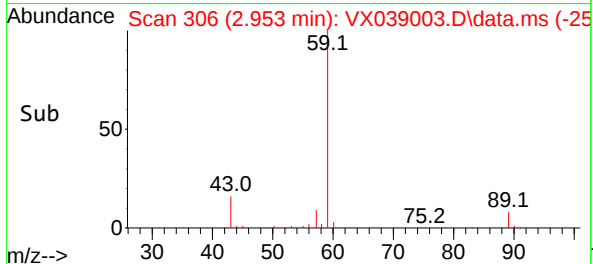
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



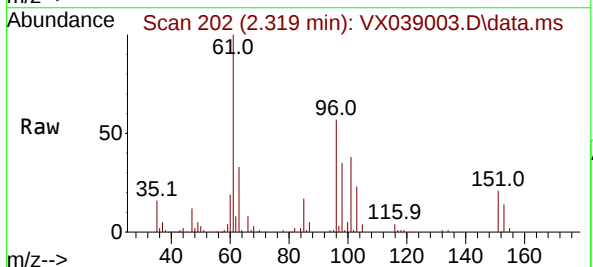
Tgt Ion: 59 Resp: 5477
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0

Manual Integrations
APPROVED

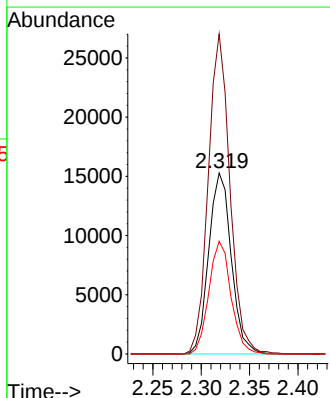
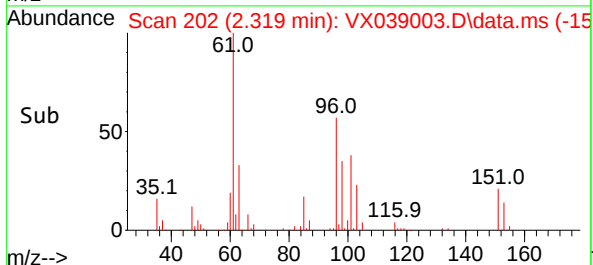
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

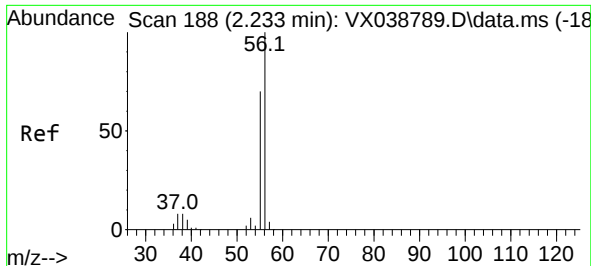


#12
1,1-Dichloroethene
Concen: 17.571 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



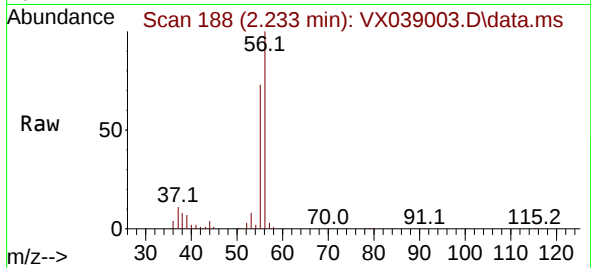
Tgt Ion: 96 Resp: 24810
Ion Ratio Lower Upper
96 100
61 176.8 144.6 216.8
98 62.2 50.4 75.6





#13
Acrolein
Concen: 103.135 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

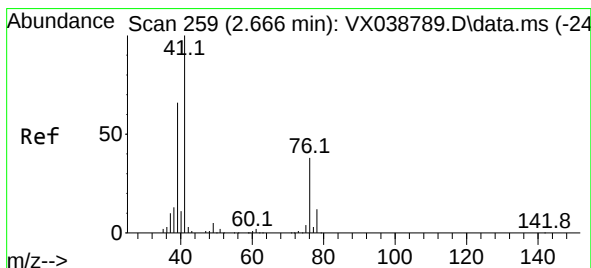
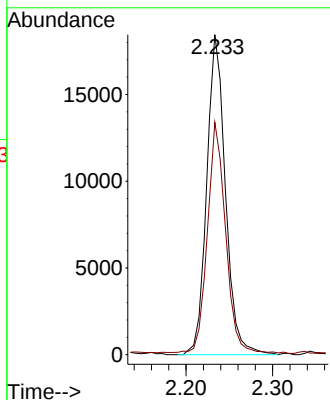
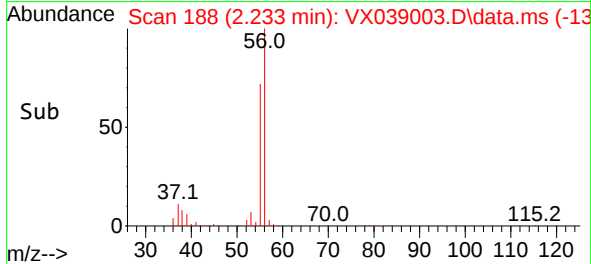
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 56 Resp: 2770
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7

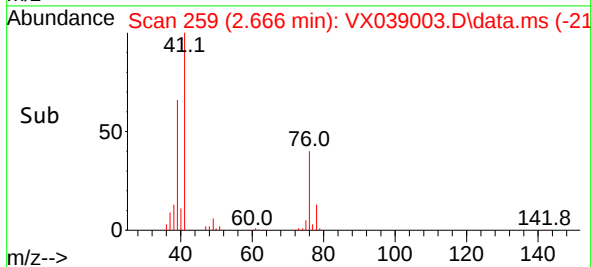
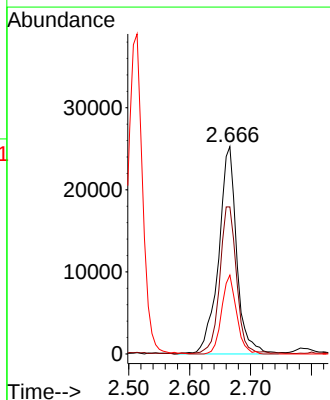
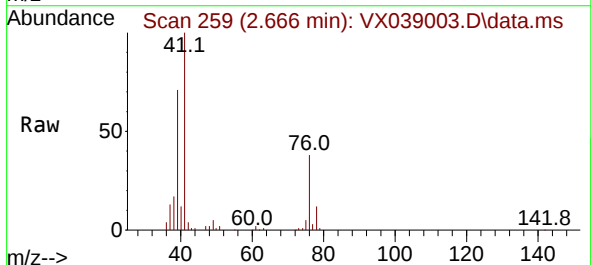
Manual Integrations
APPROVED

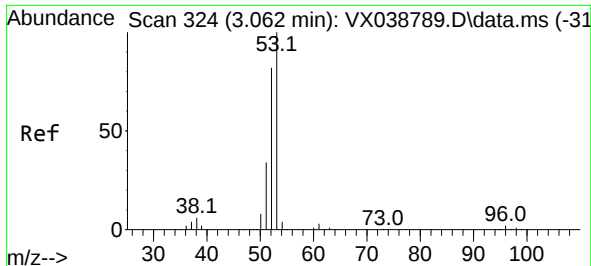
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#14
Allyl chloride
Concen: 18.484 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

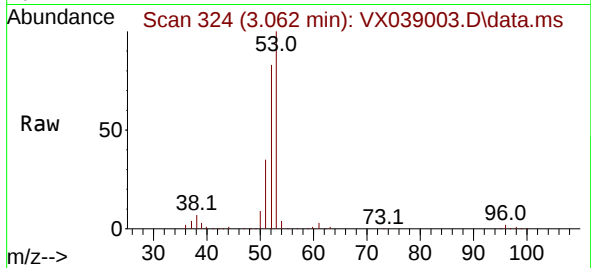
Tgt Ion: 41 Resp: 52254
Ion Ratio Lower Upper
41 100
39 65.5 55.8 83.6
76 31.3 24.3 36.5





#15
Acrylonitrile
Concen: 98.103 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

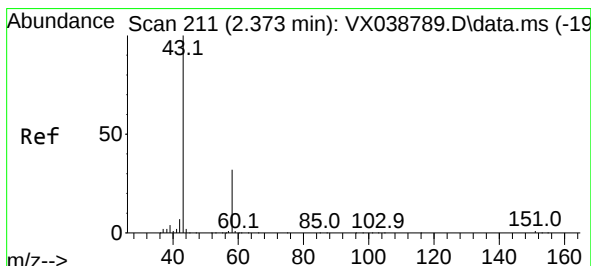
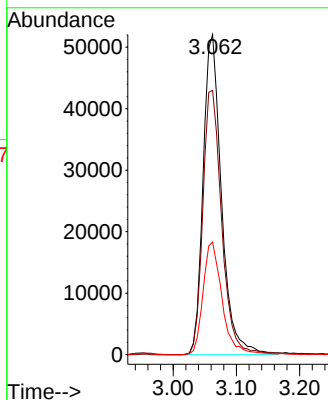
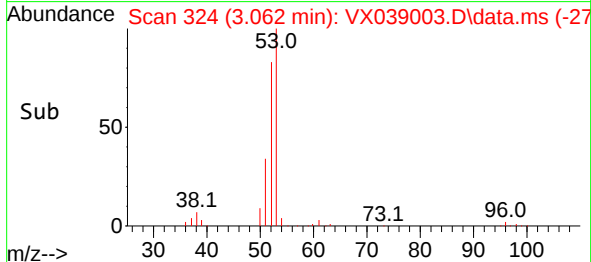
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



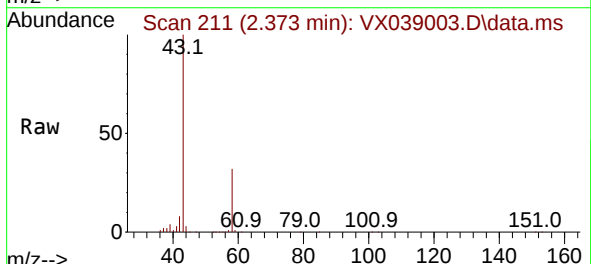
Tgt Ion: 53 Resp: 105244
Ion Ratio Lower Upper
53 100
52 84.9 66.0 99.0
51 36.6 29.8 44.6

Manual Integrations
APPROVED

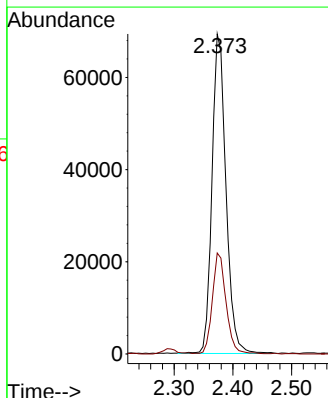
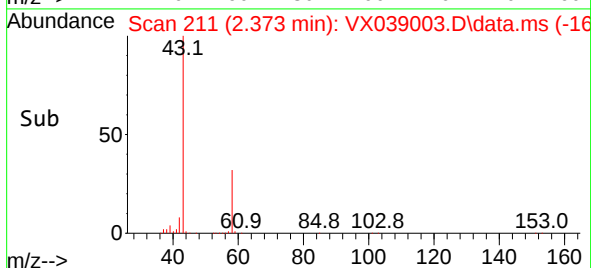
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

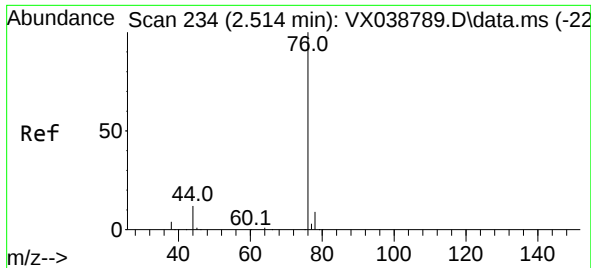


#16
Acetone
Concen: 117.593 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



Tgt Ion: 43 Resp: 114271
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





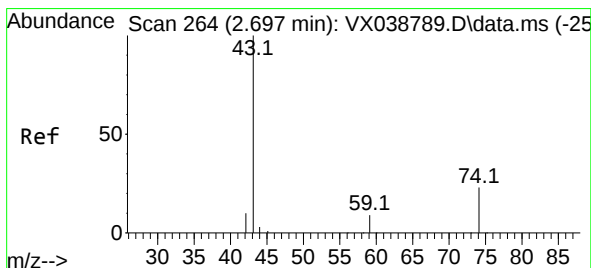
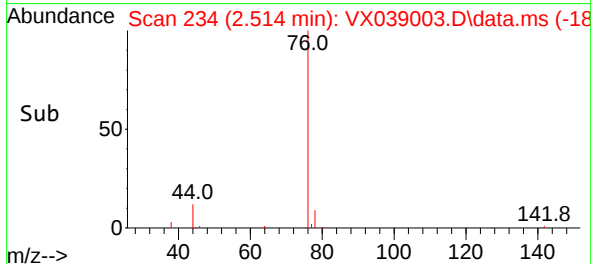
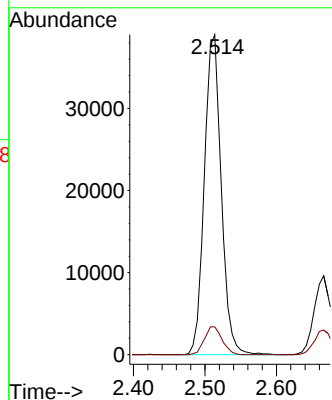
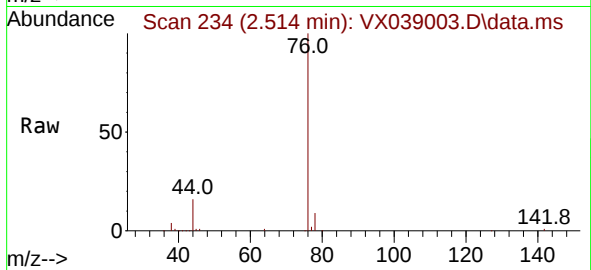
#17
Carbon Disulfide
Concen: 14.648 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 76 Resp: 64064
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

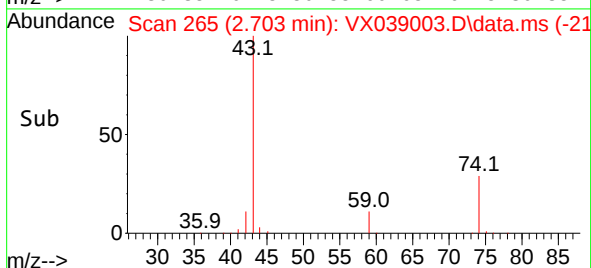
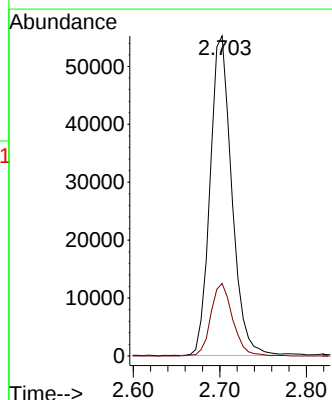
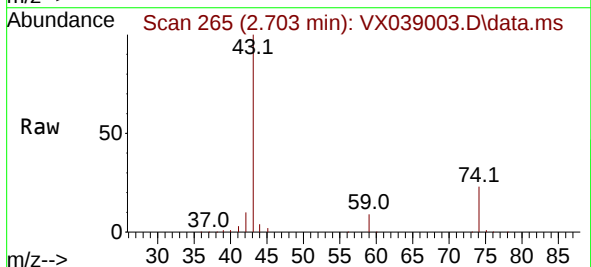
Manual Integrations
APPROVED

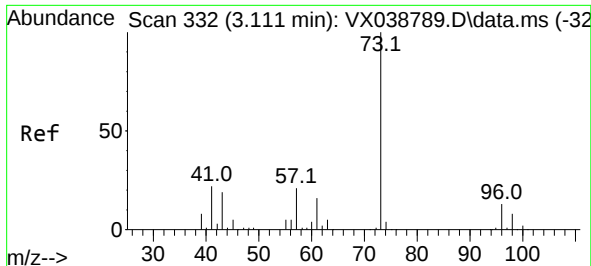
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#18
Methyl Acetate
Concen: 20.838 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

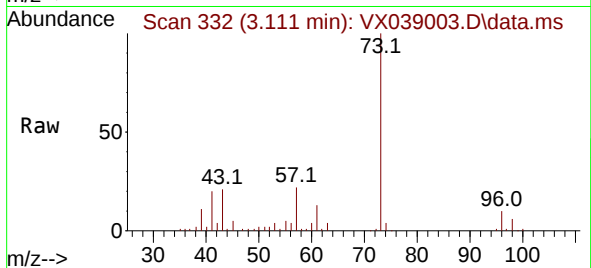
Tgt Ion: 43 Resp: 96181
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 20.159 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

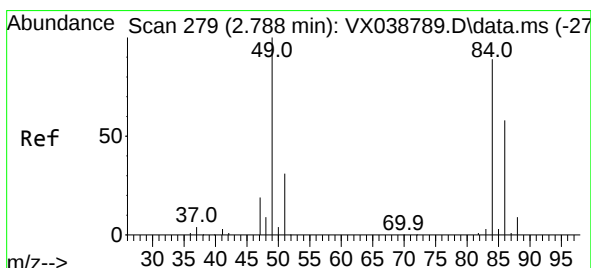
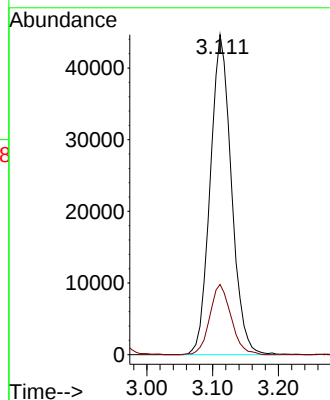
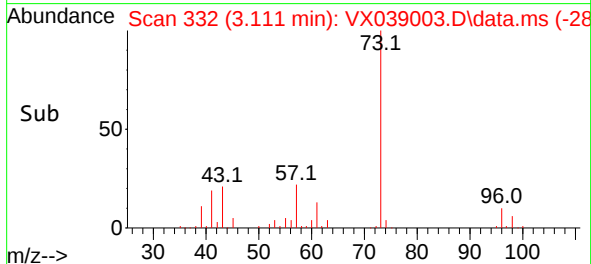
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 73 Resp: 10011
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

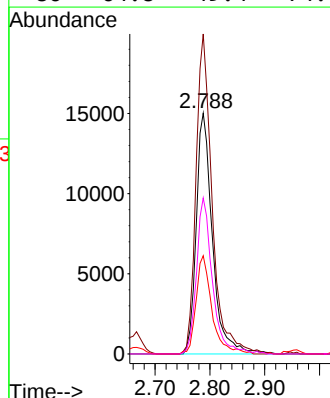
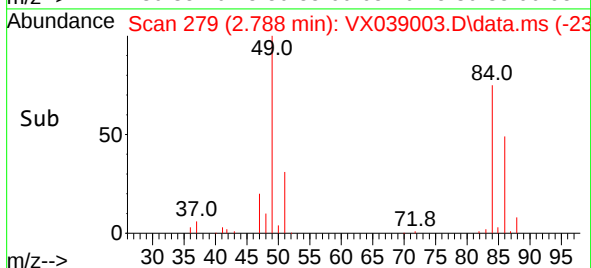
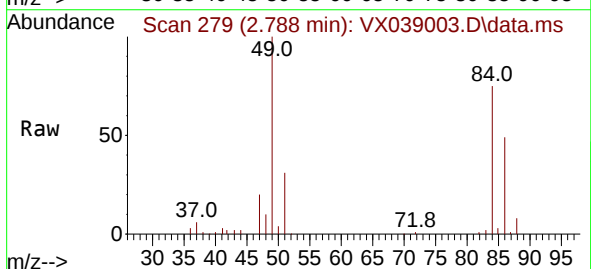
Manual Integrations
APPROVED

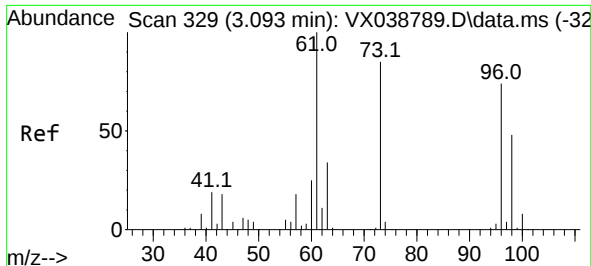
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#20
Methylene Chloride
Concen: 17.668 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

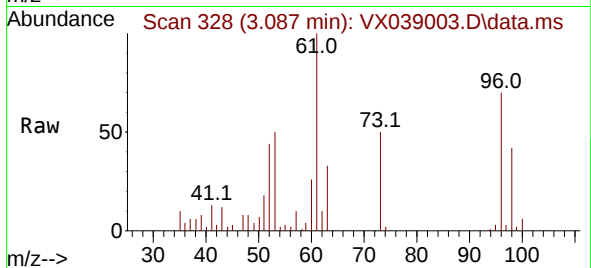
Tgt Ion: 84 Resp: 30950
Ion Ratio Lower Upper
84 100
49 132.9 103.6 155.4
51 40.8 33.8 50.6
86 64.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 17.455 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

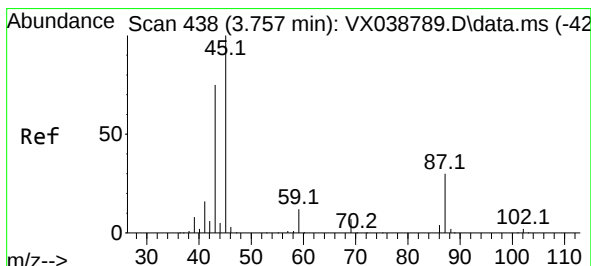
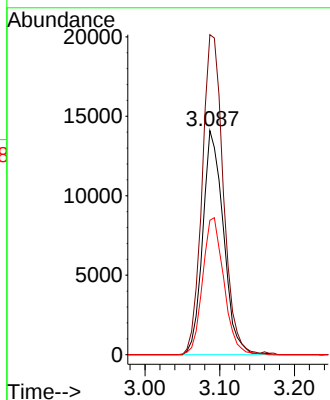
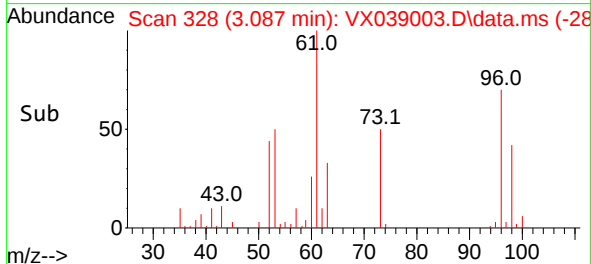
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



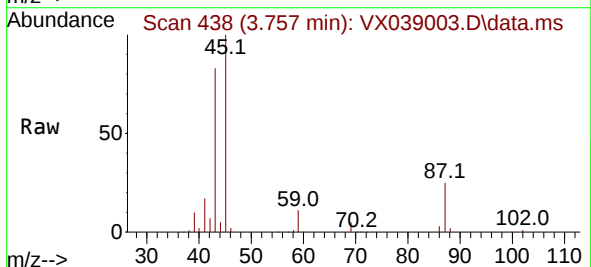
Tgt Ion: 96 Resp: 27194
Ion Ratio Lower Upper
96 100
61 142.9 119.2 178.8
98 60.0 48.7 73.1

Manual Integrations
APPROVED

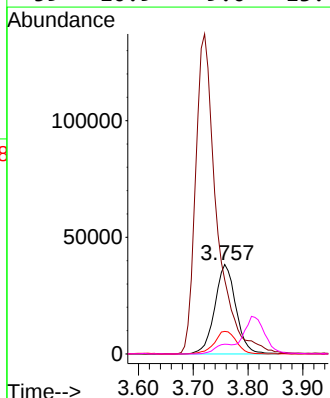
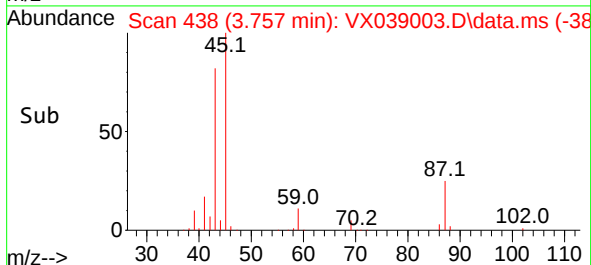
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

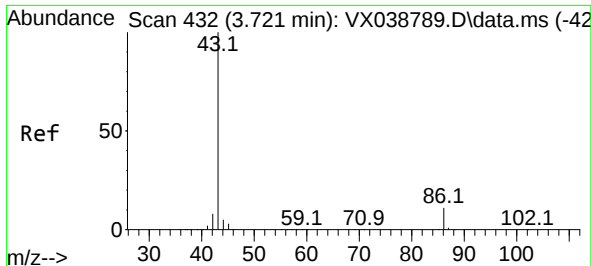


#22
Diisopropyl ether
Concen: 19.752 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



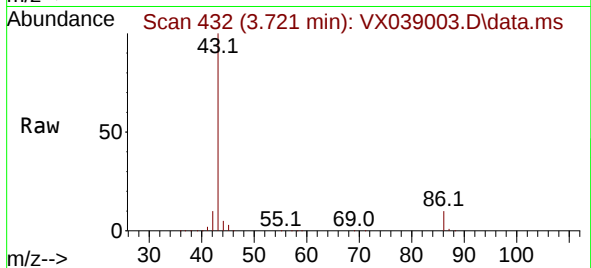
Tgt Ion: 45 Resp: 102437
Ion Ratio Lower Upper
45 100
43 82.3 69.7 104.5
87 25.3 20.8 31.2
59 10.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 99.230 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039003.D
 Acq: 22 Nov 2023 15:23

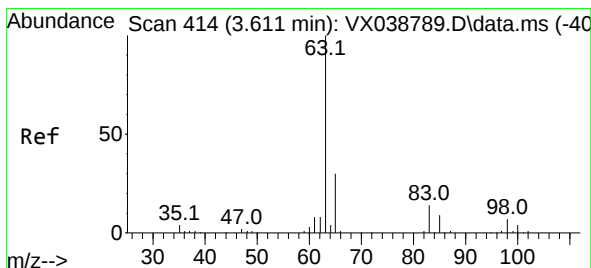
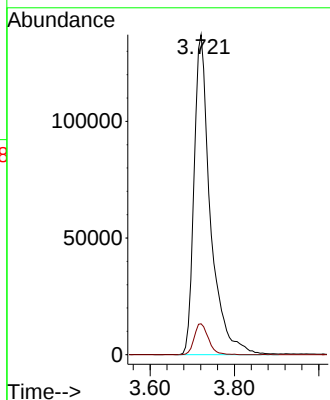
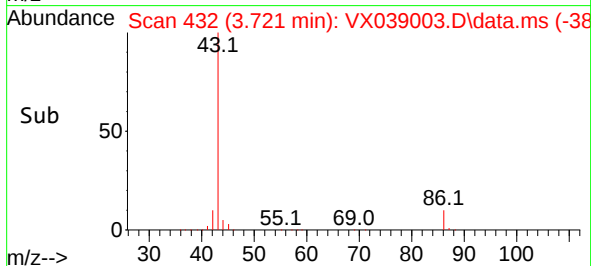
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01



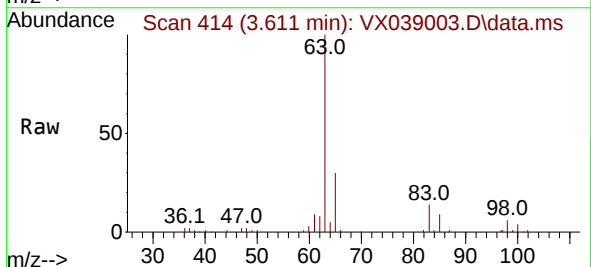
Tgt Ion: 43 Resp: 37063
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

Manual Integrations
 APPROVED

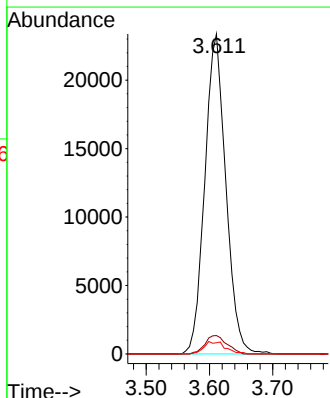
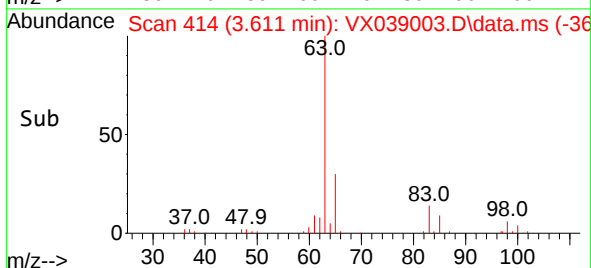
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023

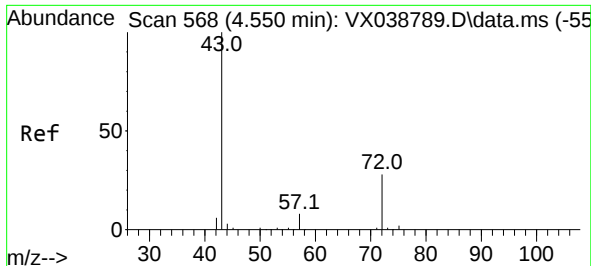


#24
 1,1-Dichloroethane
 Concen: 18.600 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX039003.D
 Acq: 22 Nov 2023 15:23



Tgt Ion: 63 Resp: 53944
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.8
 100 3.5 2.1 6.5





#25

2-Butanone

Concen: 104.374 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 43 Resp: 164474

Ion Ratio Lower Upper

43 100

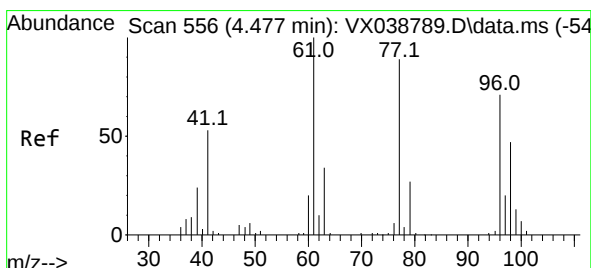
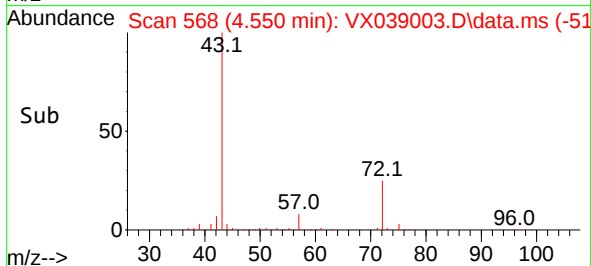
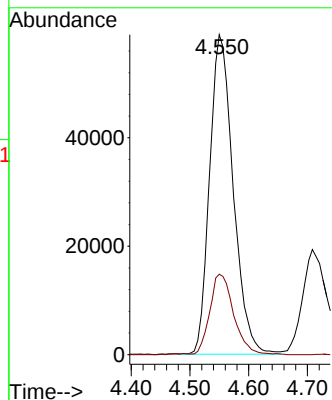
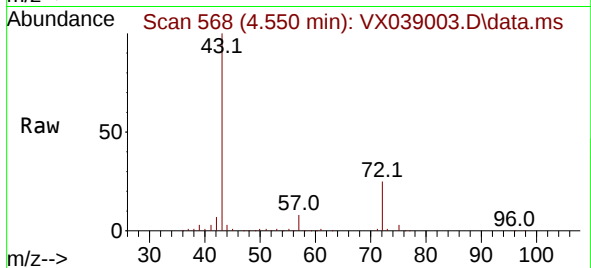
72 25.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#26

2,2-Dichloropropane

Concen: 19.097 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX039003.D

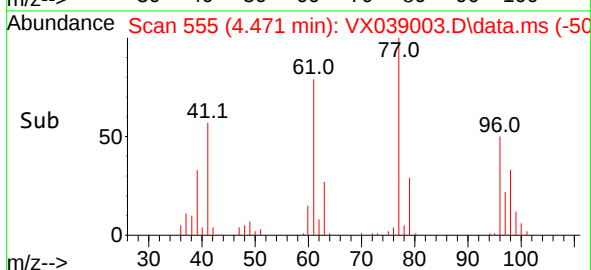
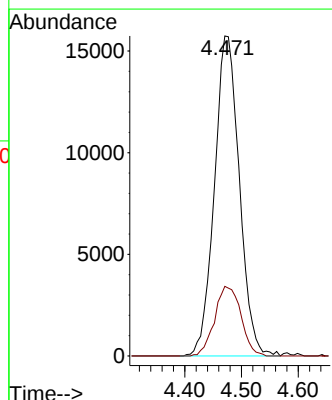
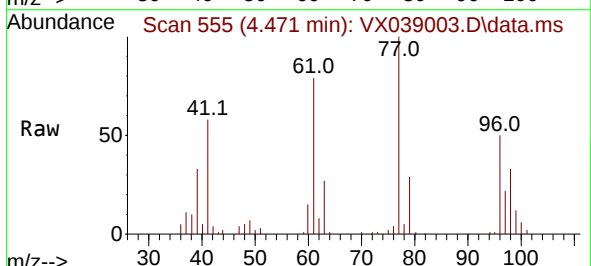
Acq: 22 Nov 2023 15:23

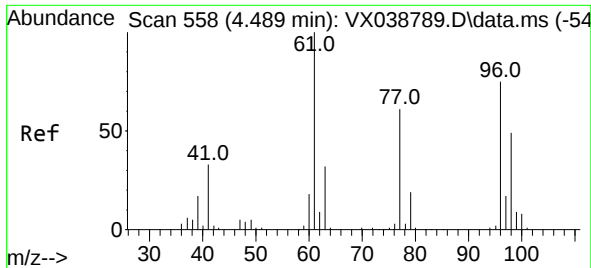
Tgt Ion: 77 Resp: 48042

Ion Ratio Lower Upper

77 100

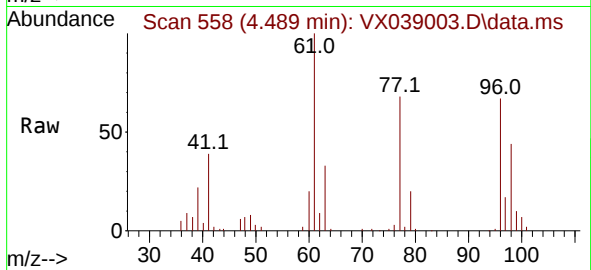
97 22.9 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 18.139 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

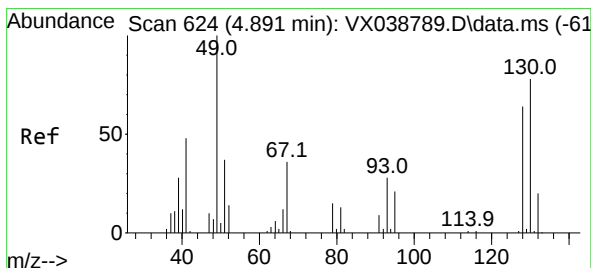
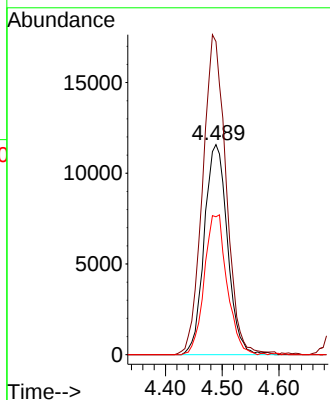
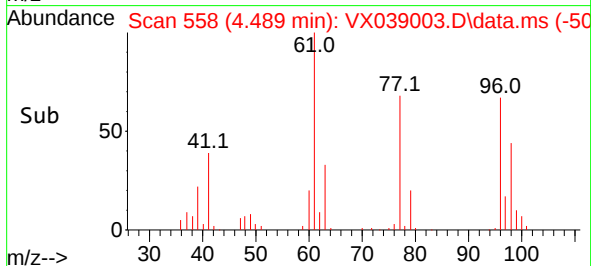
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



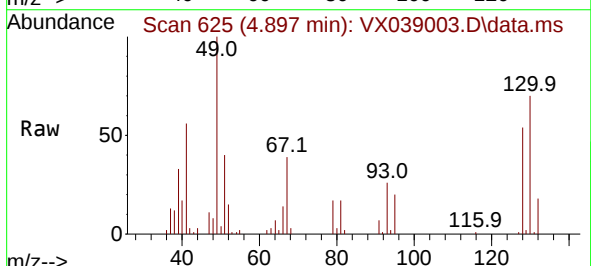
Tgt Ion: 96 Resp: 3294
Ion Ratio Lower Upper
96 100
61 153.8 0.0 312.2
98 65.3 0.0 129.0

Manual Integrations
APPROVED

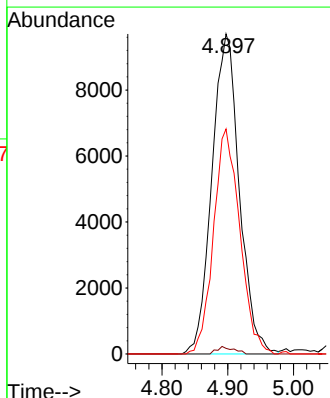
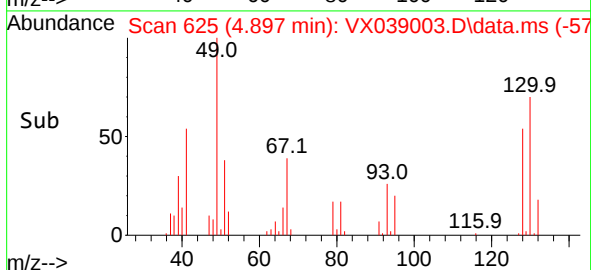
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

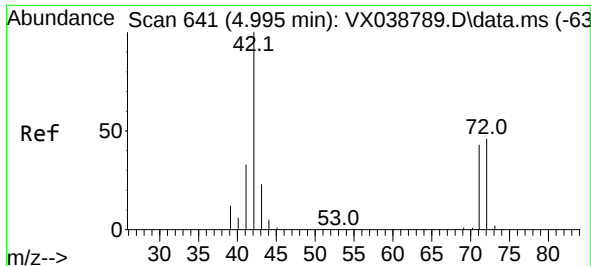


#28
Bromochloromethane
Concen: 20.242 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



Tgt Ion: 49 Resp: 28185
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.8
130 67.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 101.061 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 42 Resp: 10111

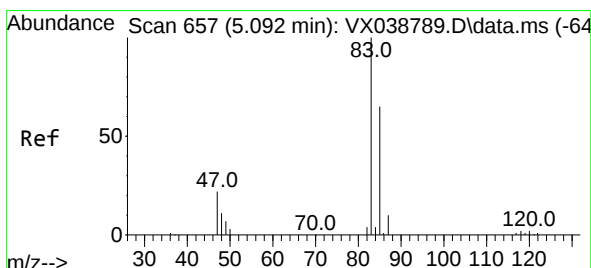
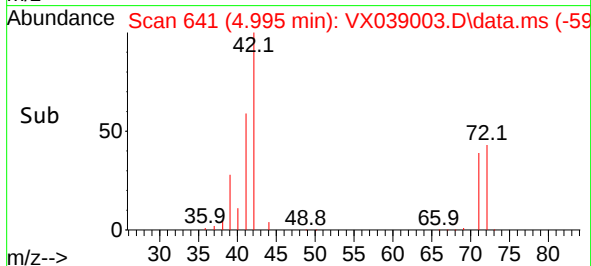
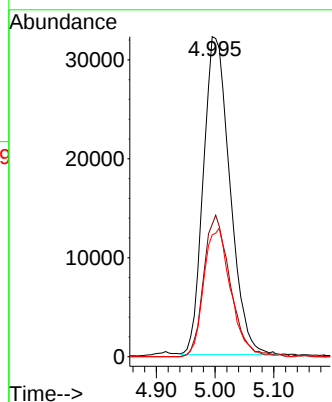
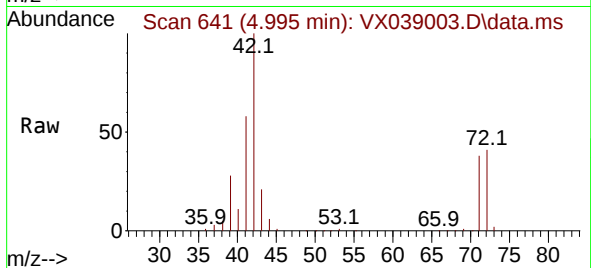
Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.2	51.4
71	41.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#30

Chloroform

Concen: 19.571 ug/l

RT: 5.092 min Scan# 657

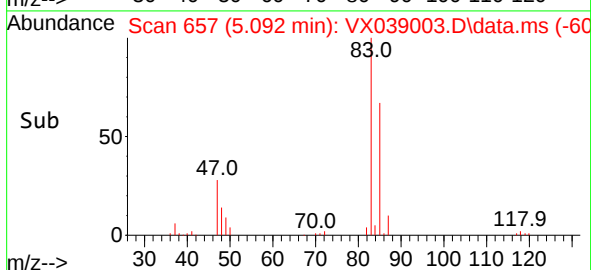
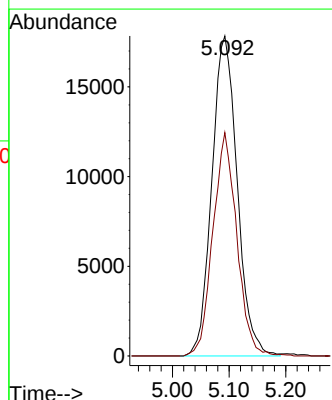
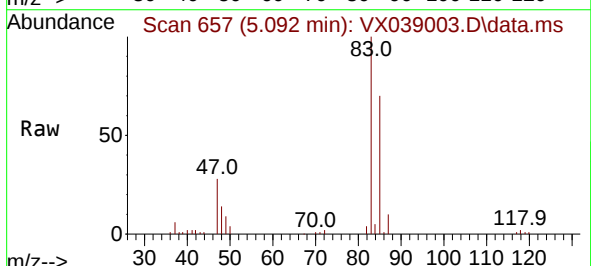
Delta R.T. -0.000 min

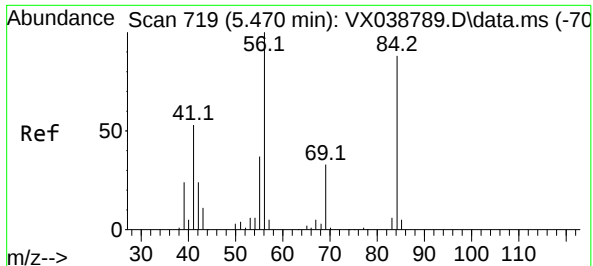
Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Tgt Ion: 83 Resp: 55422

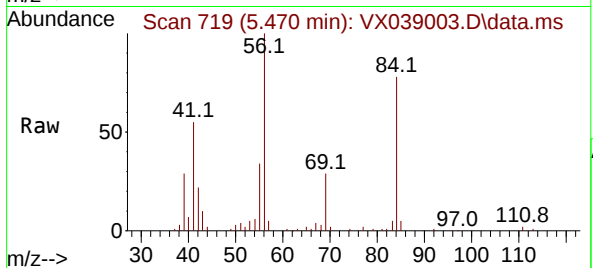
Ion	Ratio	Lower	Upper
83	100		
85	69.8	50.3	75.5





#31
Cyclohexane
Concen: 17.459 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

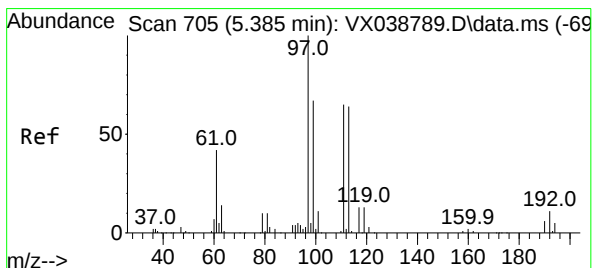
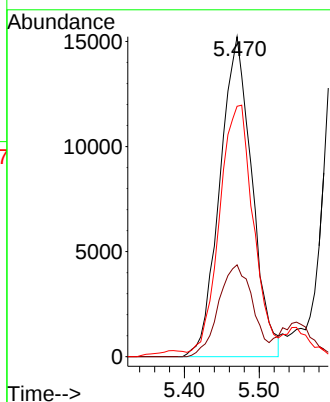
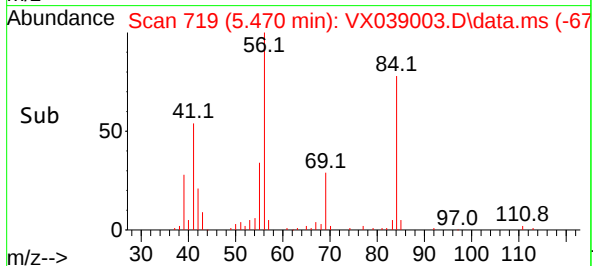
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 56 Resp: 45502
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.2
84 76.5 65.9 98.9

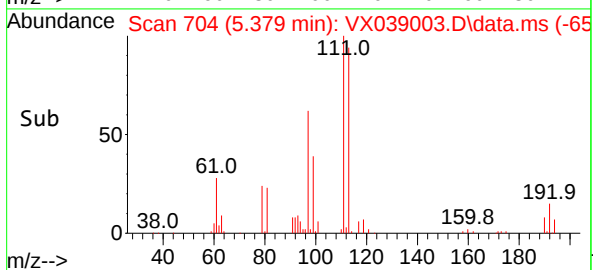
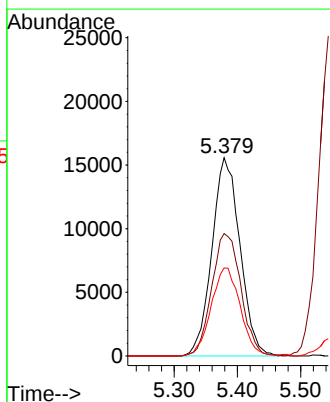
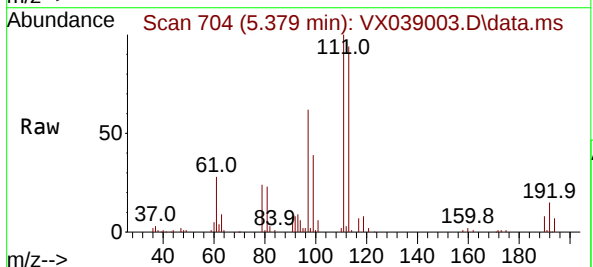
Manual Integrations
APPROVED

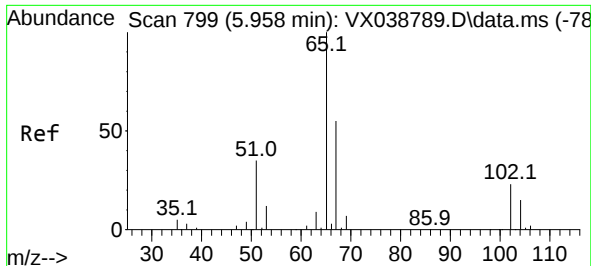
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#32
1,1,1-Trichloroethane
Concen: 19.527 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Tgt Ion: 97 Resp: 47898
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 46.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.464 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 65 Resp: 95770

Ion Ratio Lower Upper

65 100

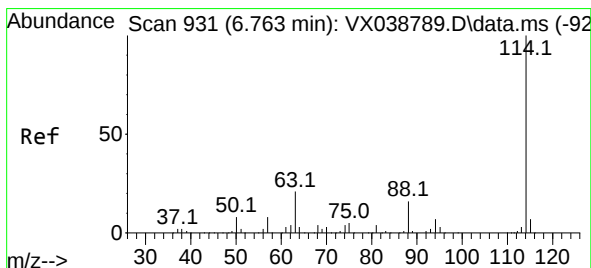
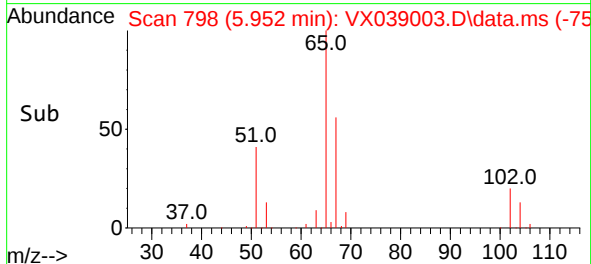
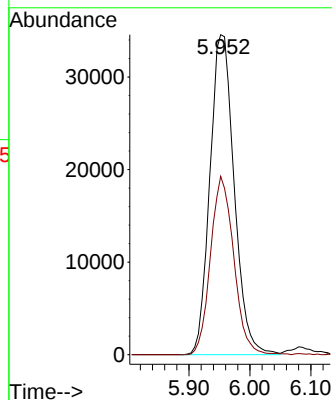
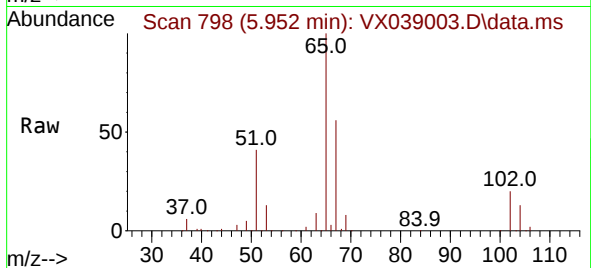
67 53.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

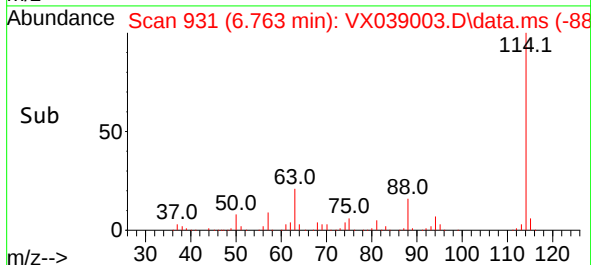
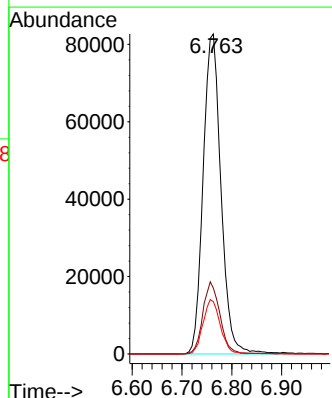
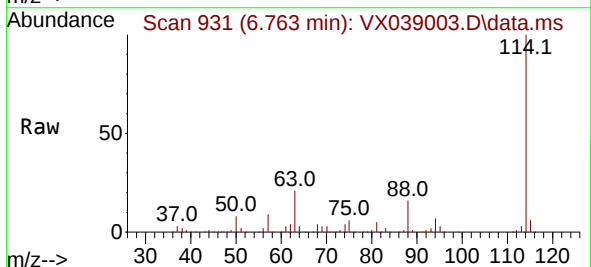
Tgt Ion:114 Resp: 205225

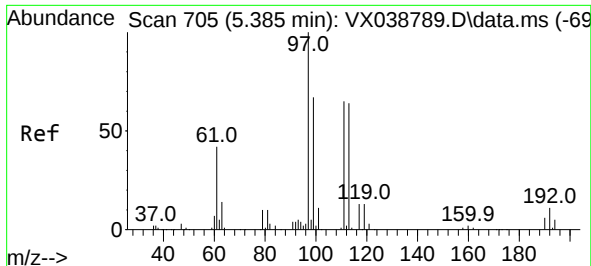
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

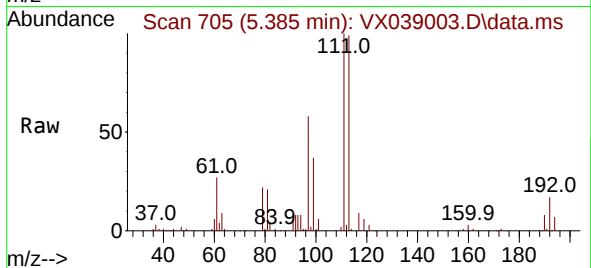
88 16.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.602 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

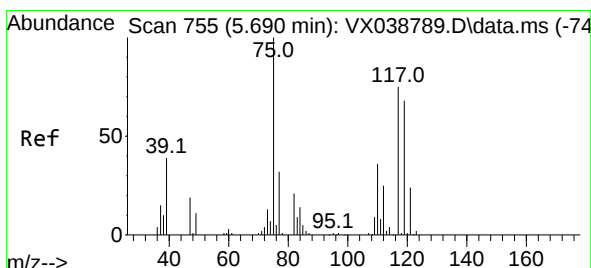
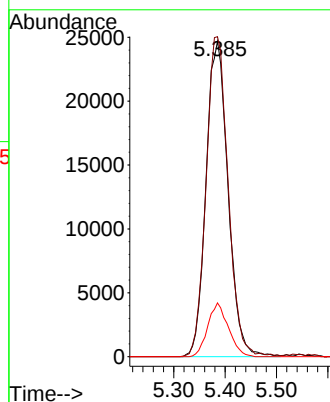
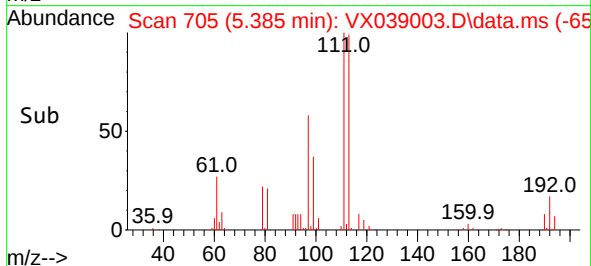
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 113 Resp: 73520
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 16.0 13.3 19.9

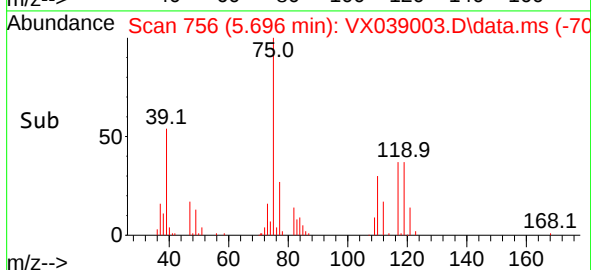
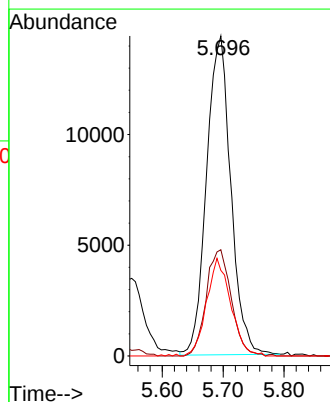
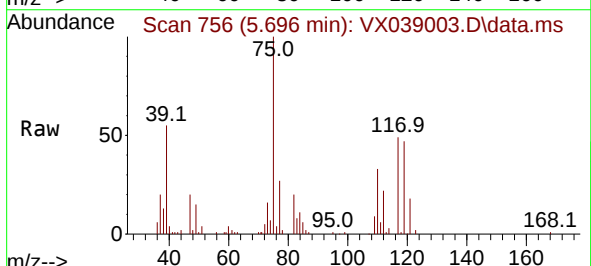
Manual Integrations
APPROVED

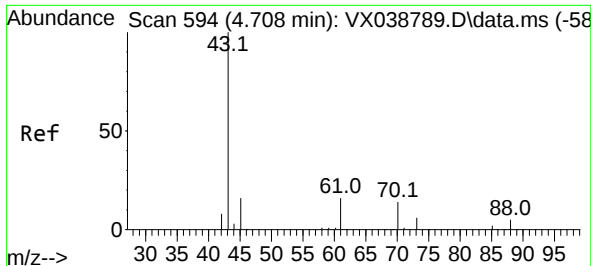
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#36
1,1-Dichloropropene
Concen: 18.740 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Tgt Ion: 75 Resp: 39809
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 30.4 24.7 37.1





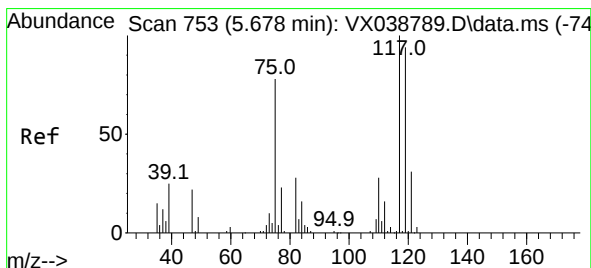
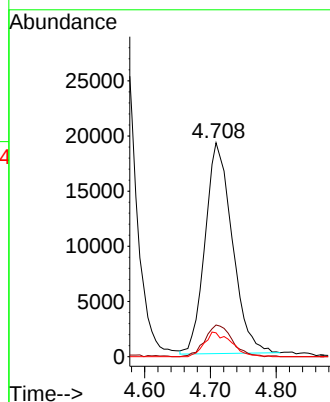
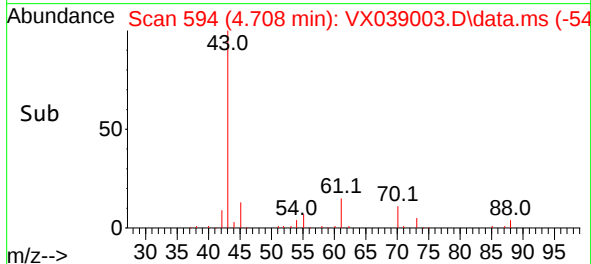
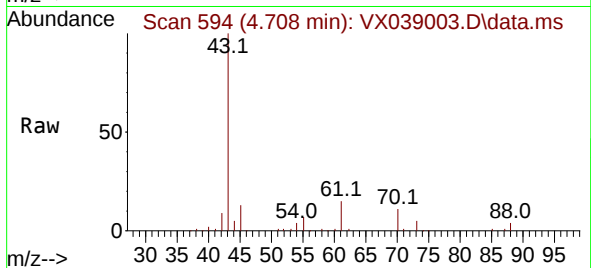
#37
Ethyl Acetate
Concen: 19.876 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 43 Resp: 5501
Ion Ratio Lower Upper
43 100
61 15.0 10.6 16.0
70 11.5 8.3 12.5

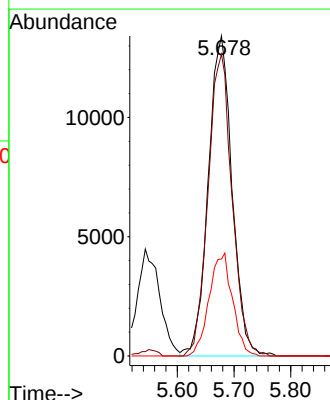
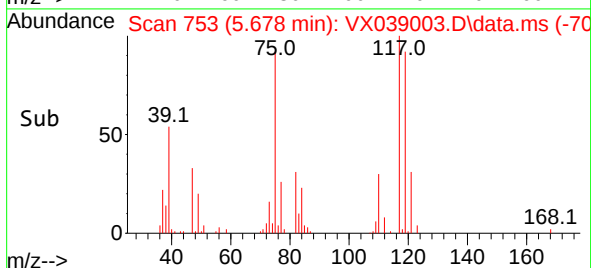
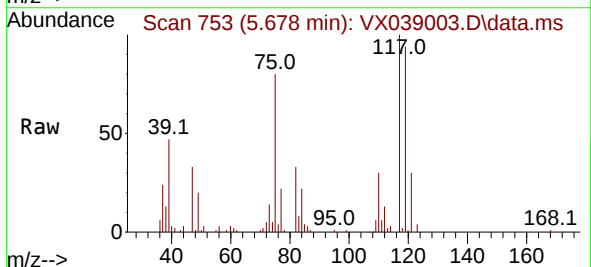
Manual Integrations
APPROVED

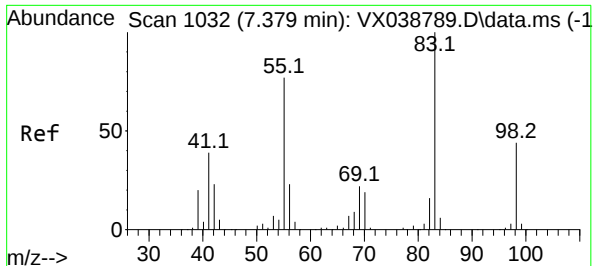
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#38
Carbon Tetrachloride
Concen: 19.973 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

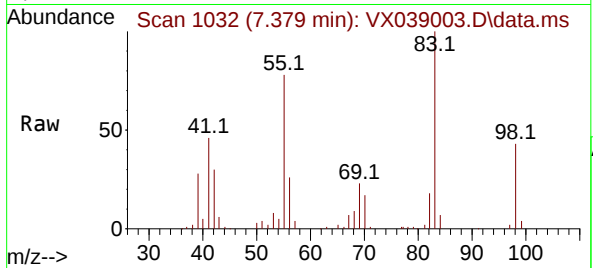
Tgt Ion:117 Resp: 39214
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.2
121 30.3 24.4 36.6





#39
Methylcyclohexane
Concen: 17.331 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

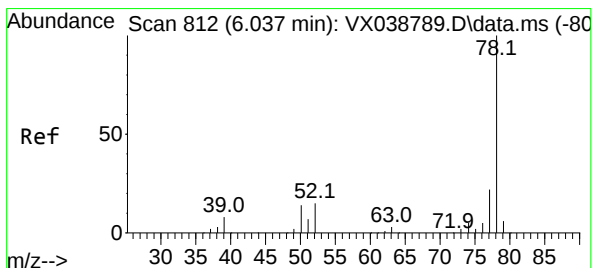
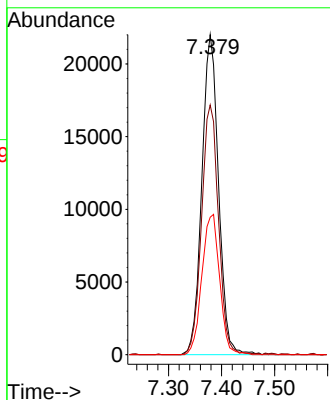
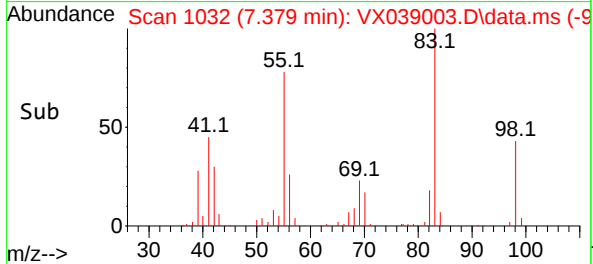
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



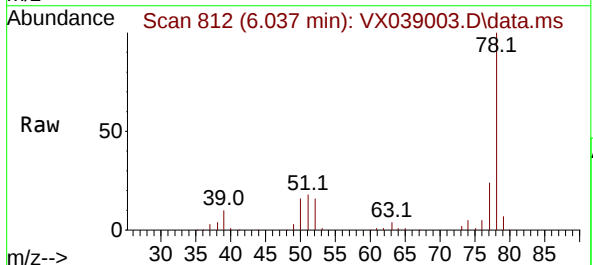
Tgt Ion: 83 Resp: 4802
Ion Ratio Lower Upper
83 100
55 78.1 64.6 97.0
98 42.9 36.7 55.1

Manual Integrations
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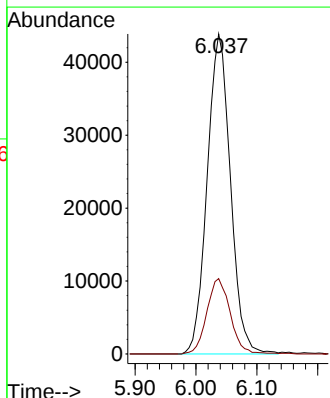
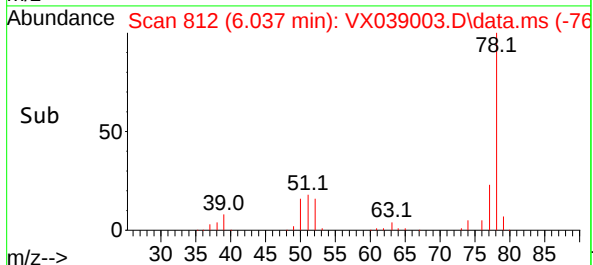
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

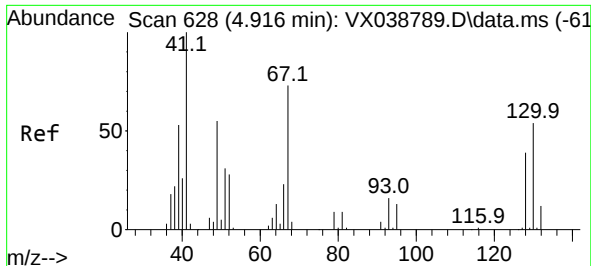


#40
Benzene
Concen: 18.511 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



Tgt Ion: 78 Resp: 116308
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 20.638 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

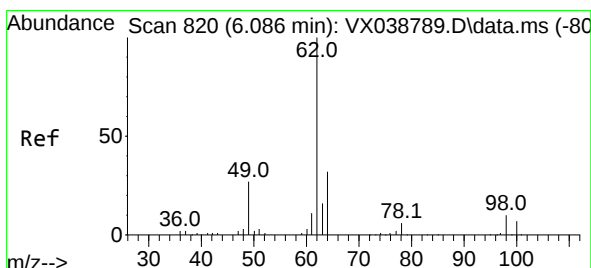
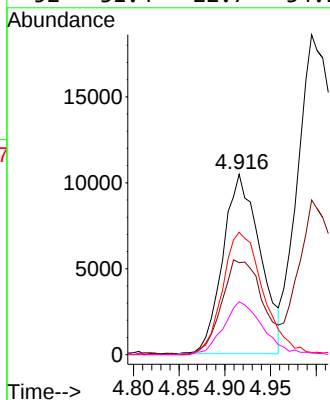
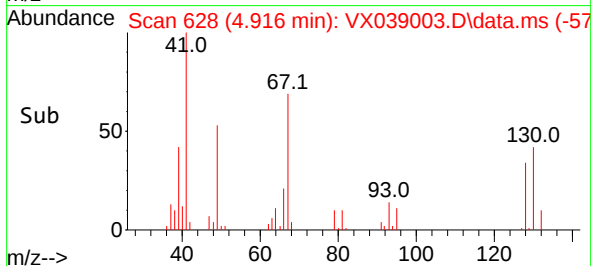
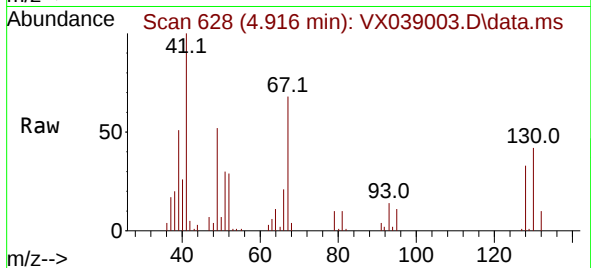
Tgt Ion: 41 Resp: 29624
Ion Ratio Lower Upper
41 100
39 58.0 45.2 67.8
67 74.4 52.6 78.8
52 31.4 22.7 34.1

Manual Integrations

APPROVED

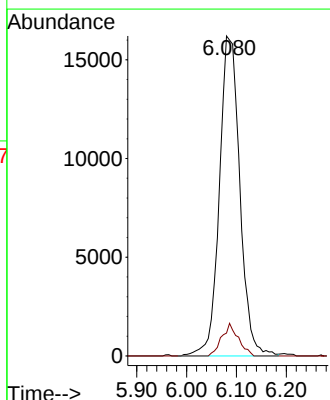
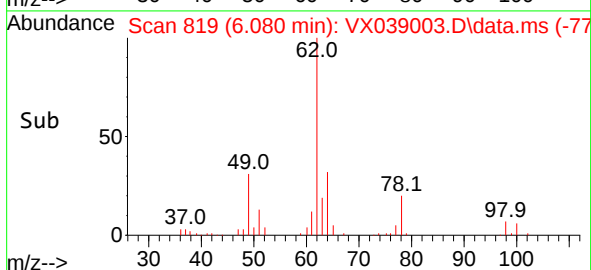
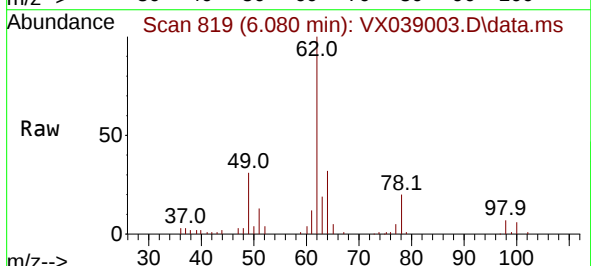
Reviewed By :John Carlone 11/24/2023

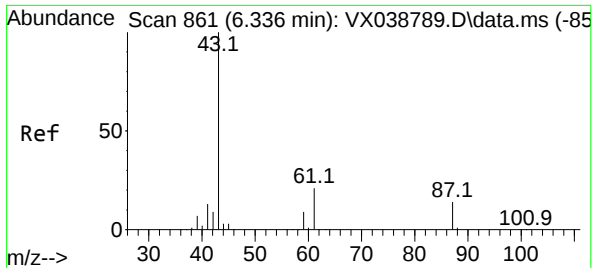
Supervised By :Mahesh Dadoda 11/24/2023



#42
1,2-Dichloroethane
Concen: 22.215 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

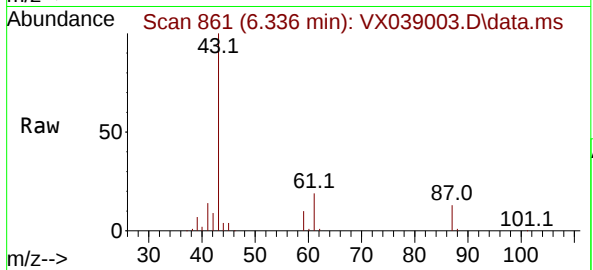
Tgt Ion: 62 Resp: 46245
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 20.365 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

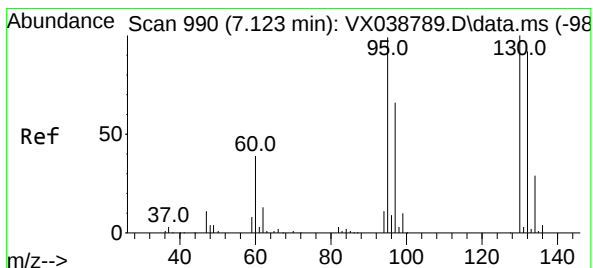
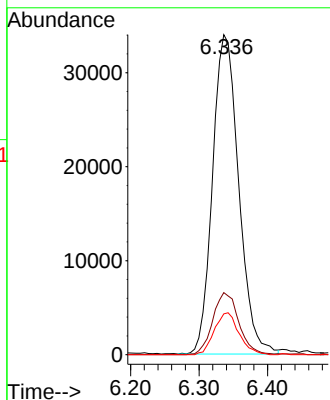
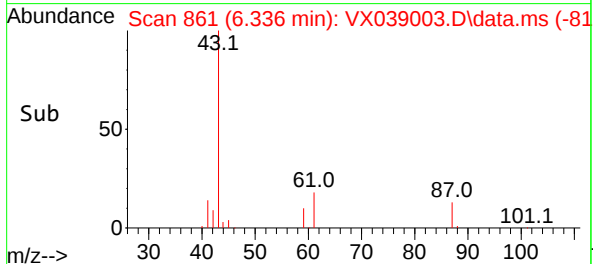
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



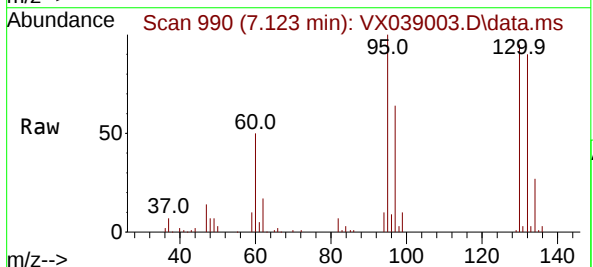
Tgt Ion: 43 Resp: 90075
Ion Ratio Lower Upper
43 100
61 19.4 15.2 22.8
87 12.4 9.8 14.6

Manual Integrations
APPROVED

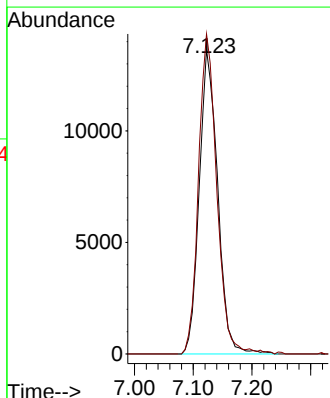
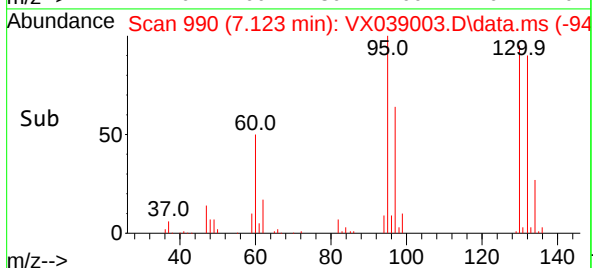
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

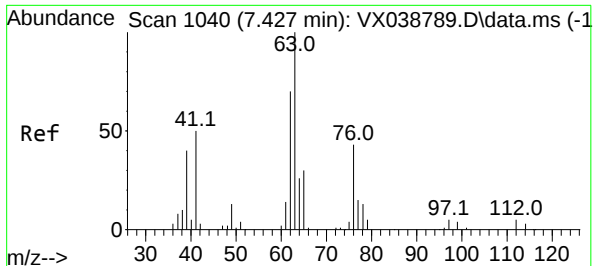


#44
Trichloroethene
Concen: 19.432 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



Tgt Ion:130 Resp: 29719
Ion Ratio Lower Upper
130 100
95 105.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.346 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 63 Resp: 3271

Ion Ratio Lower Upper

63 100

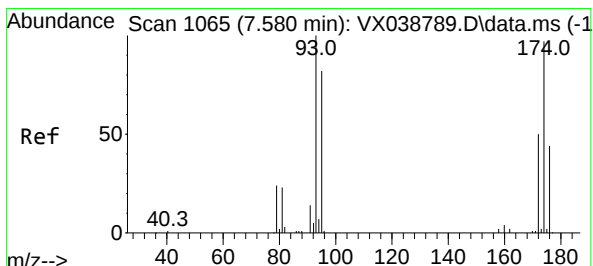
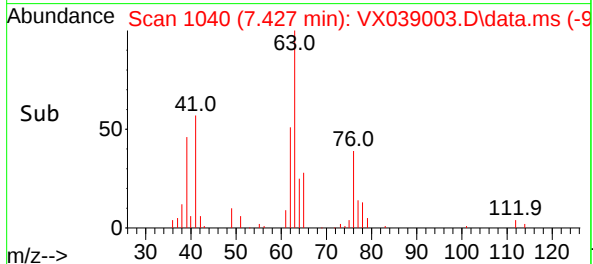
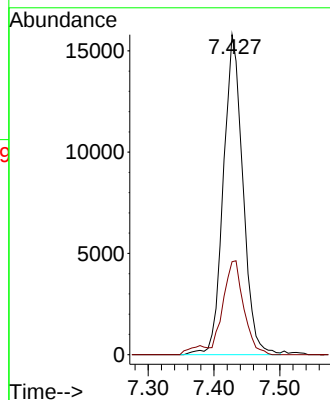
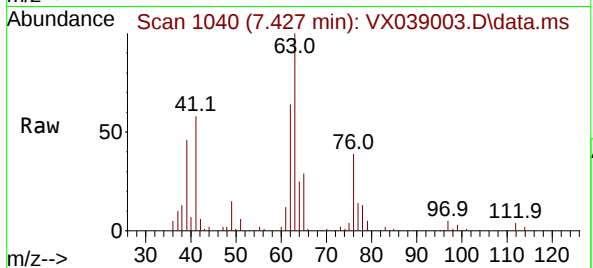
65 29.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#46

Dibromomethane

Concen: 20.355 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

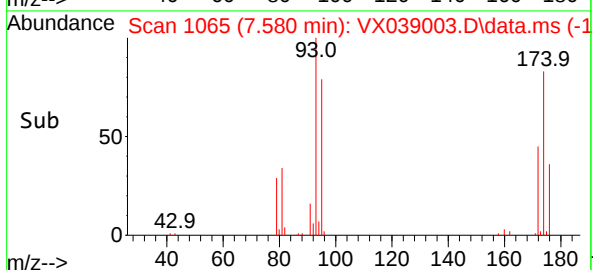
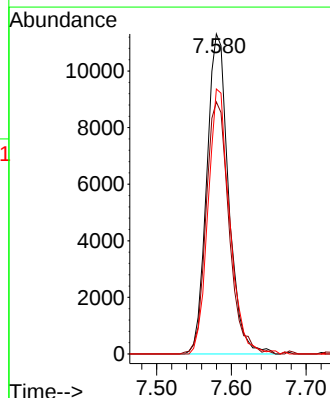
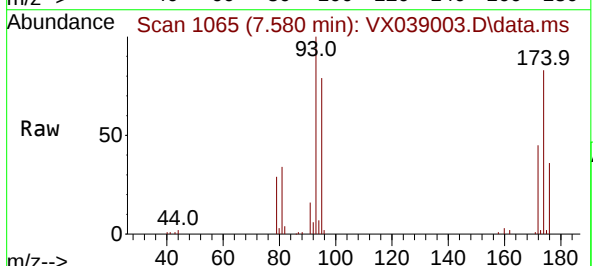
Tgt Ion: 93 Resp: 22952

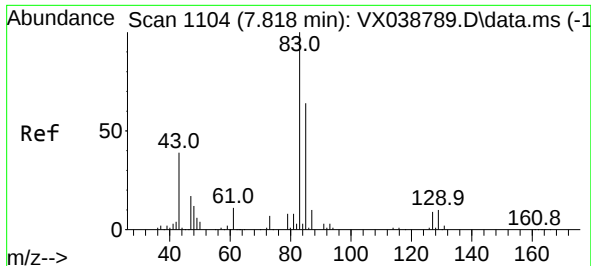
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 82.1 69.4 104.0





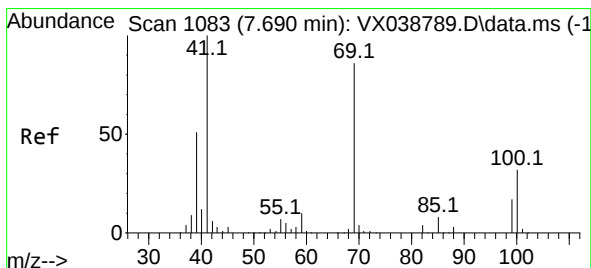
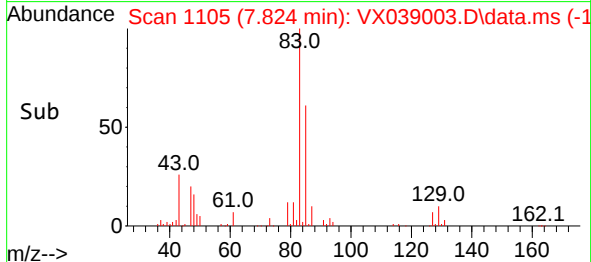
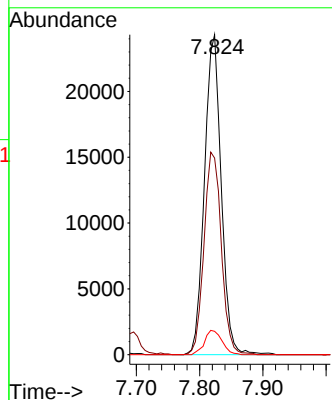
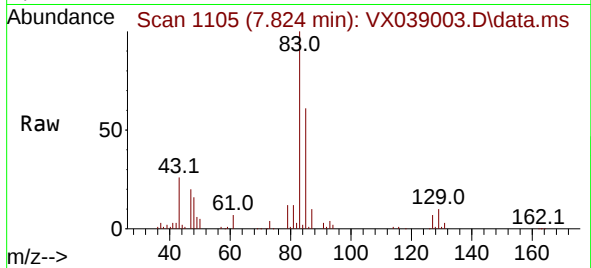
#47
Bromodichloromethane
Concen: 20.050 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 83 Resp: 44872
Ion Ratio Lower Upper
83 100
85 61.4 49.8 74.6
127 7.3 7.1 10.7

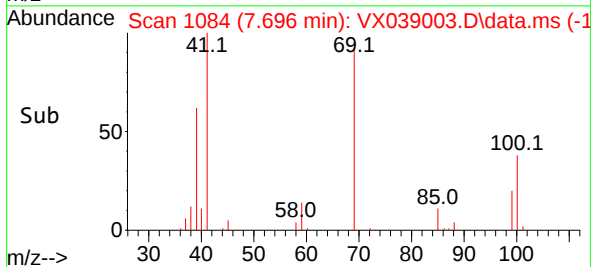
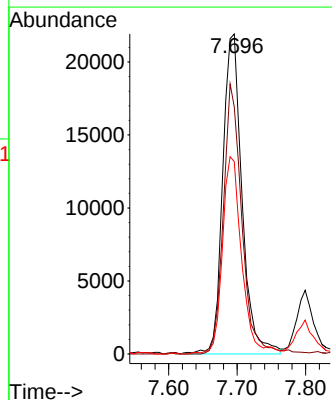
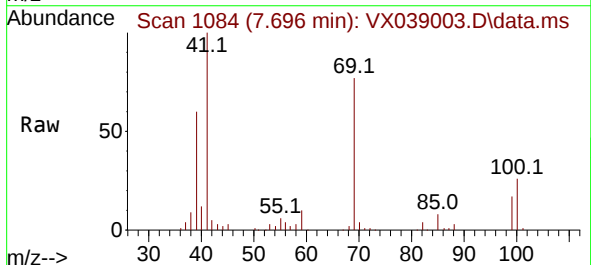
Manual Integrations
APPROVED

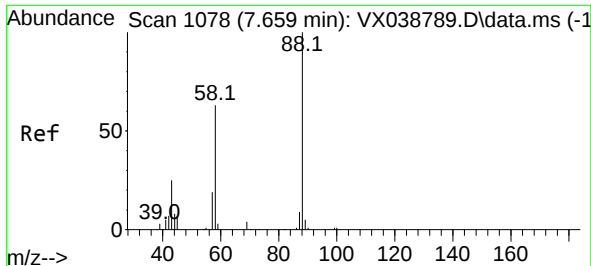
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#48
Methyl methacrylate
Concen: 19.965 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

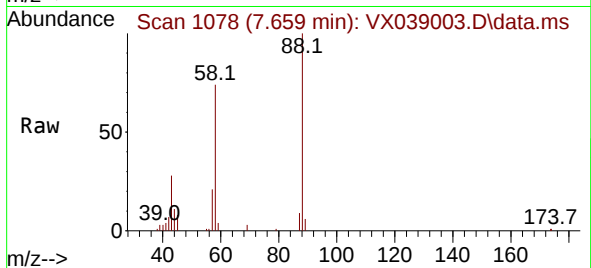
Tgt Ion: 41 Resp: 42846
Ion Ratio Lower Upper
41 100
69 80.5 59.2 88.8
39 61.2 47.7 71.5





#49
1,4-Dioxane
Concen: 421.021 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

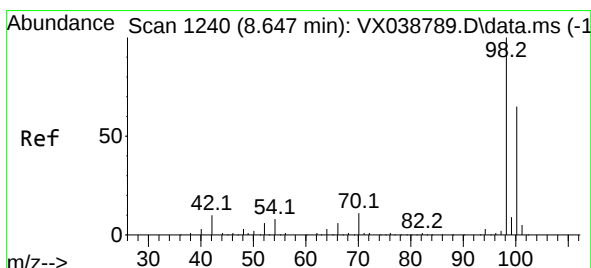
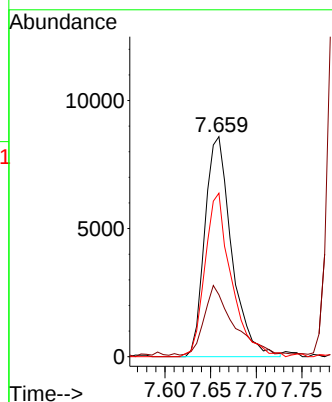
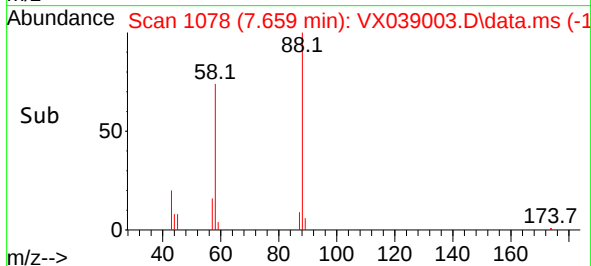
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 88 Resp: 17480
Ion Ratio Lower Upper
88 100
43 35.5 0.0 0.0
58 73.3 60.1 90.1

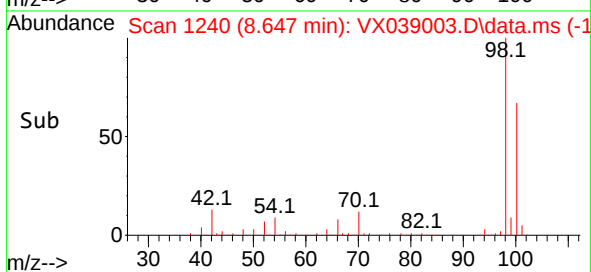
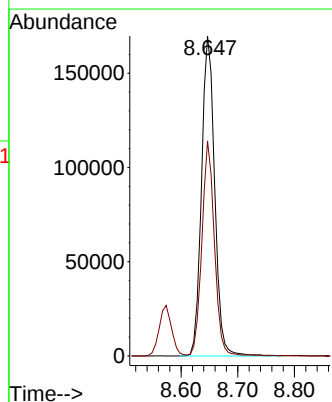
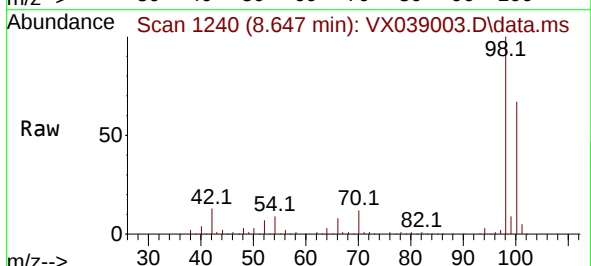
Manual Integrations
APPROVED

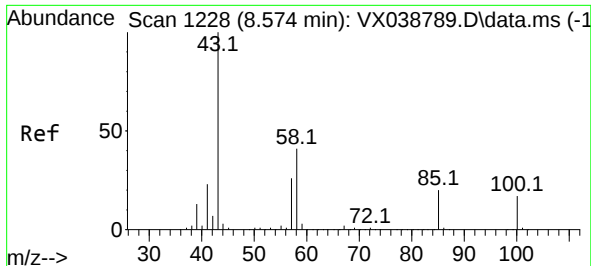
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#50
Toluene-d8
Concen: 48.264 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Tgt Ion: 98 Resp: 273698
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





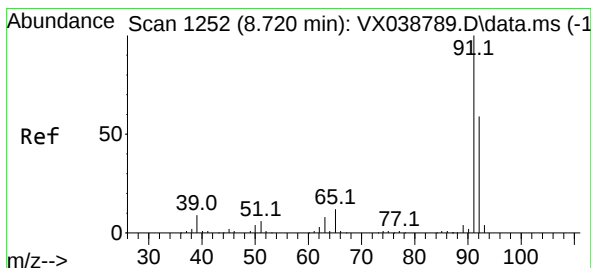
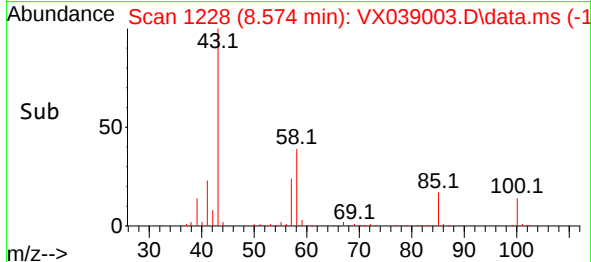
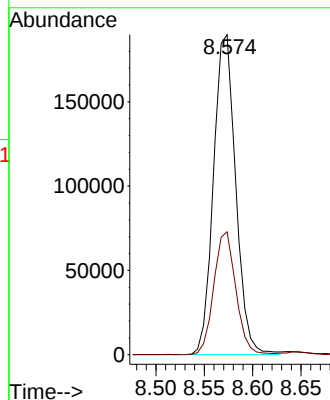
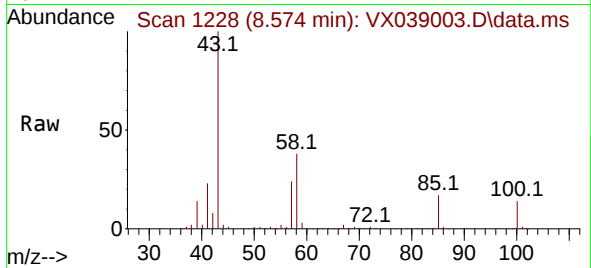
#51
4-Methyl-2-Pentanone
Concen: 107.404 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 43 Resp: 30359
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

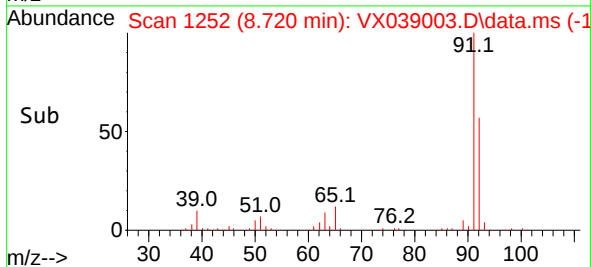
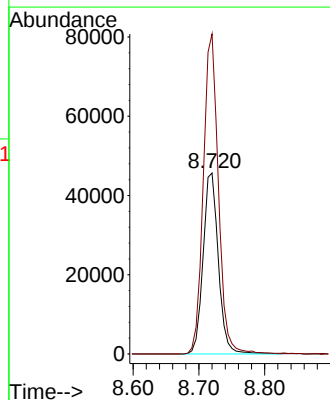
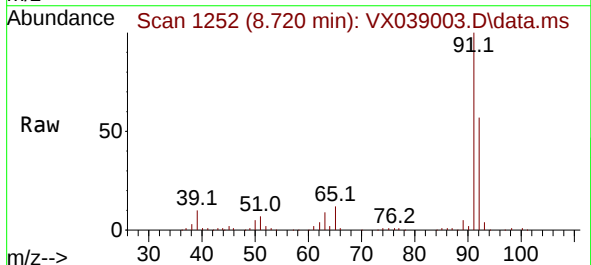
Manual Integrations
APPROVED

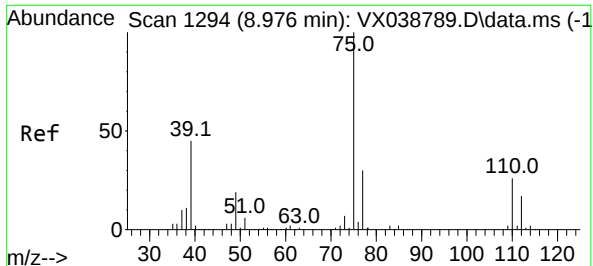
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#52
Toluene
Concen: 18.909 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Tgt Ion: 92 Resp: 73727
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.010 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 75 Resp: 5055

Ion Ratio Lower Upper

75 100

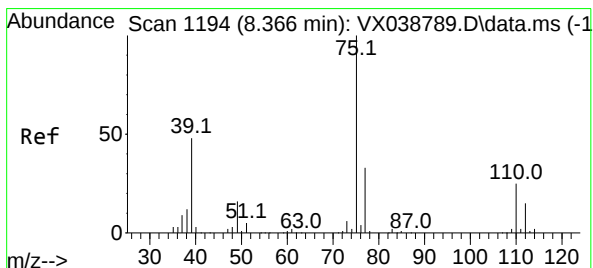
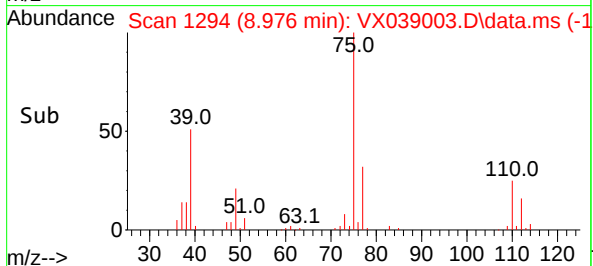
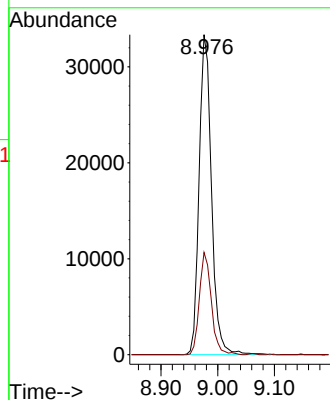
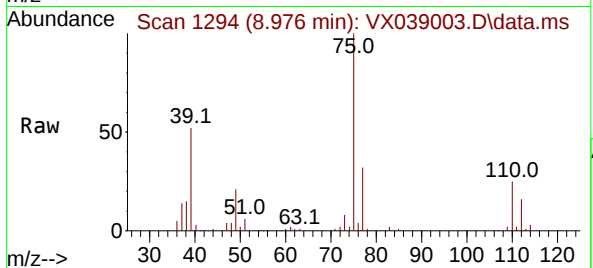
77 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#54

cis-1,3-Dichloropropene

Concen: 19.596 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

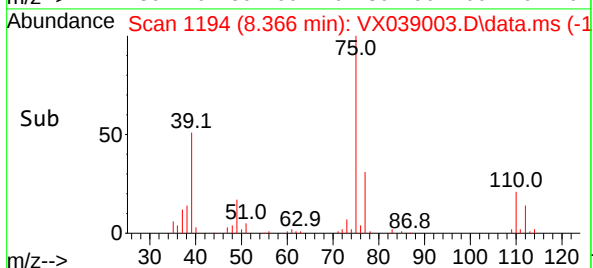
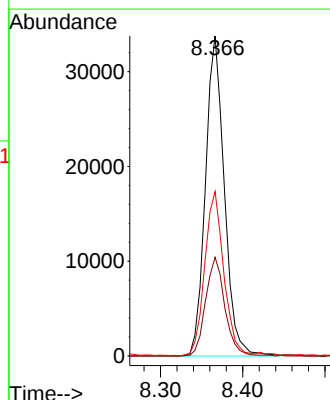
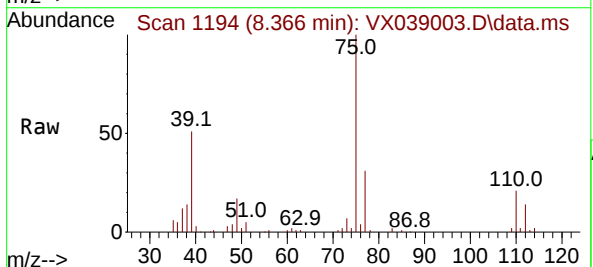
Tgt Ion: 75 Resp: 53832

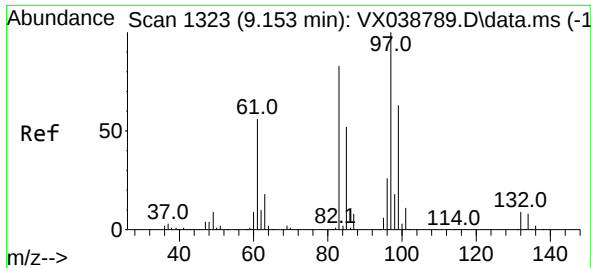
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

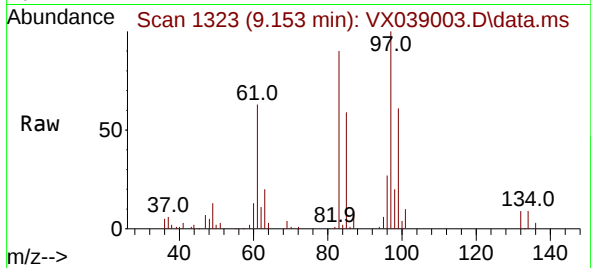
39 51.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.890 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

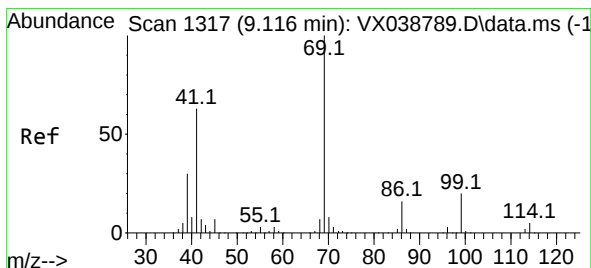
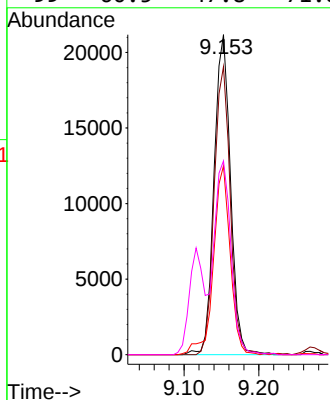
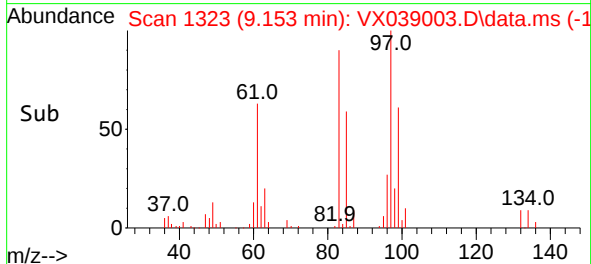
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



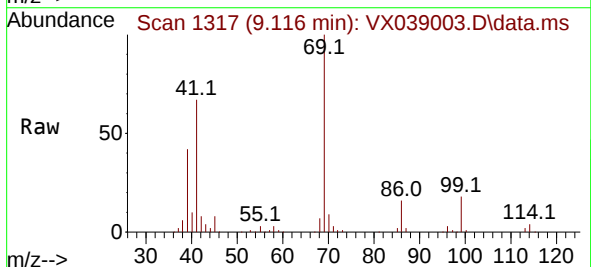
Tgt Ion: 97 Resp: 3235
Ion Ratio Lower Upper
97 100
83 90.0 65.8 98.8
85 59.0 41.6 62.4
99 60.5 47.8 71.8

Manual Integrations
APPROVED

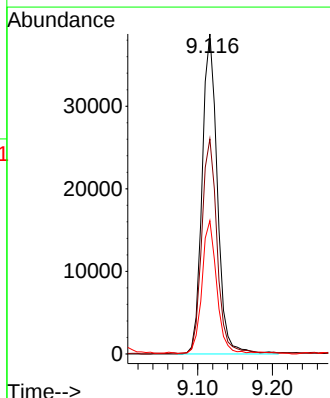
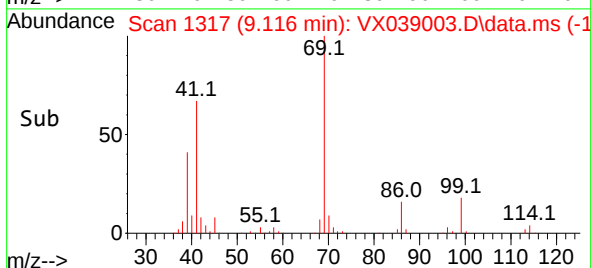
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

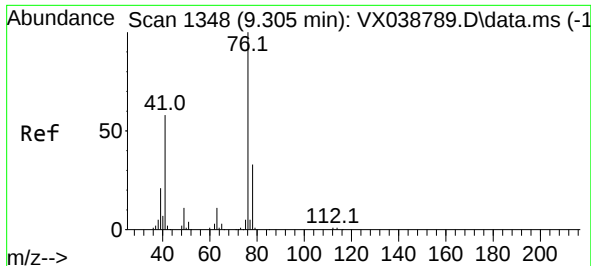


#56
Ethyl methacrylate
Concen: 19.951 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



Tgt Ion: 69 Resp: 54918
Ion Ratio Lower Upper
69 100
41 67.3 56.8 85.2
39 40.1 32.0 48.0





#57

1,3-Dichloropropane

Concen: 20.047 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 76 Resp: 53939

Ion Ratio Lower Upper

76 100

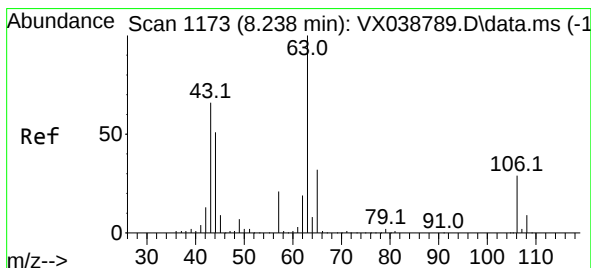
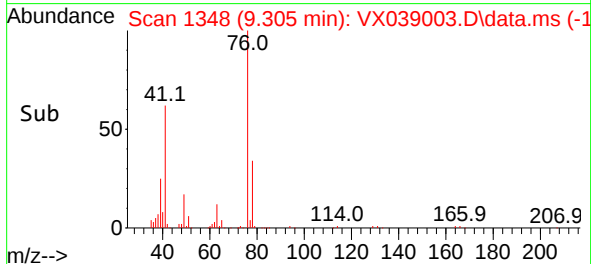
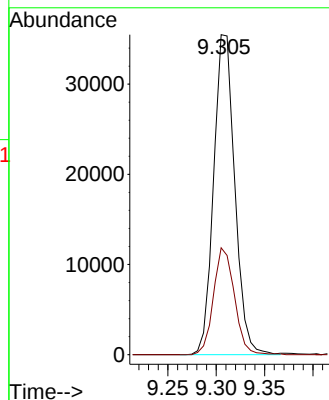
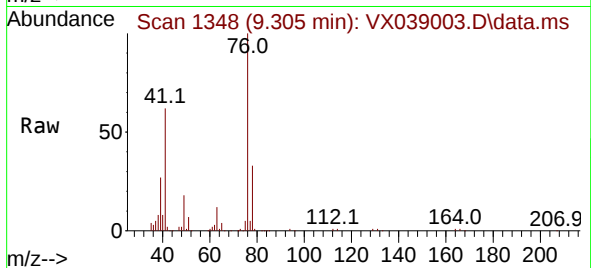
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 99.650 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039003.D

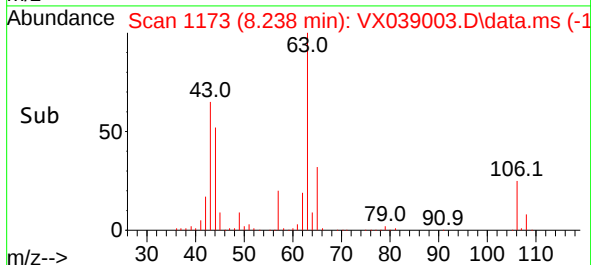
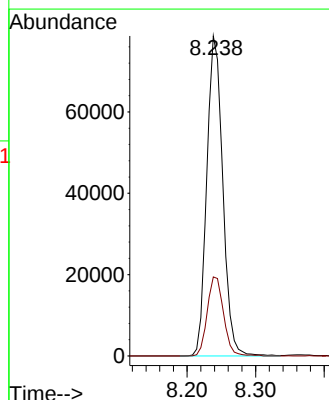
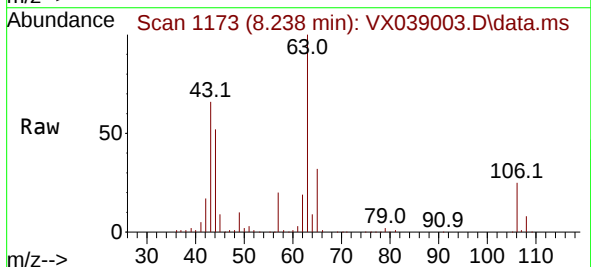
Acq: 22 Nov 2023 15:23

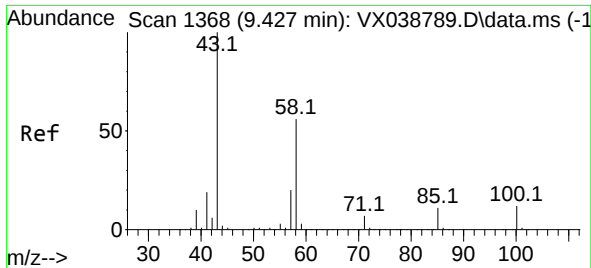
Tgt Ion: 63 Resp: 127779

Ion Ratio Lower Upper

63 100

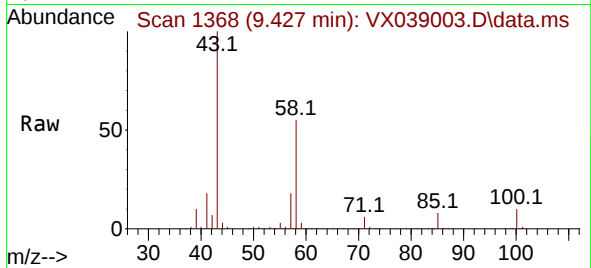
106 25.2 22.5 33.7





#59
2-Hexanone
Concen: 105.931 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

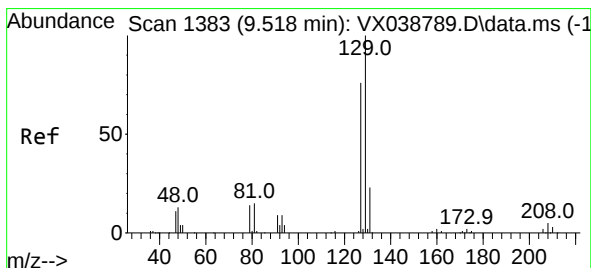
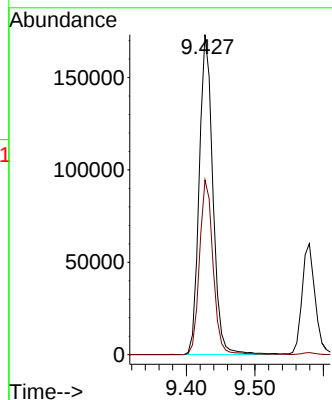
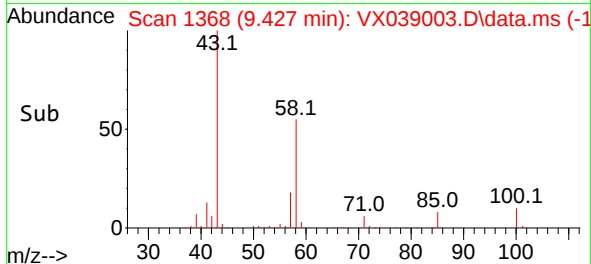
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 43 Resp: 239998
Ion Ratio Lower Upper
43 100
58 54.2 26.2 78.5

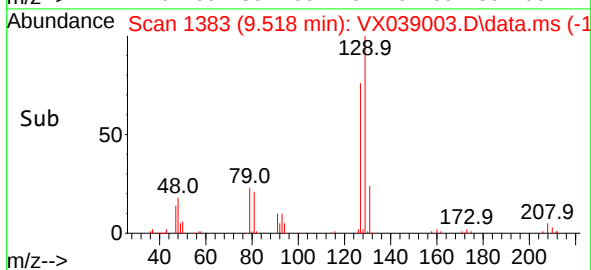
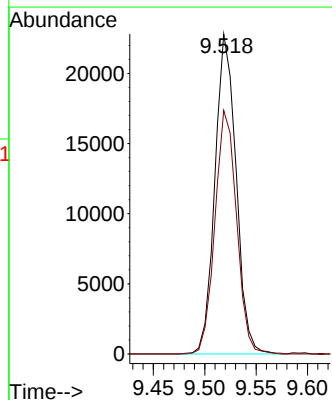
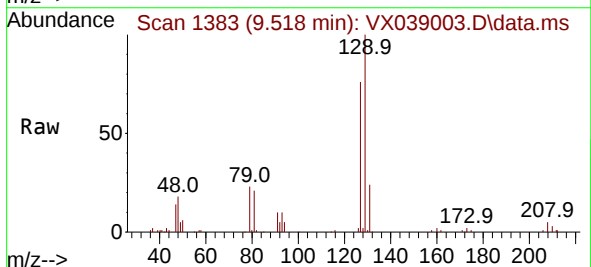
Manual Integrations
APPROVED

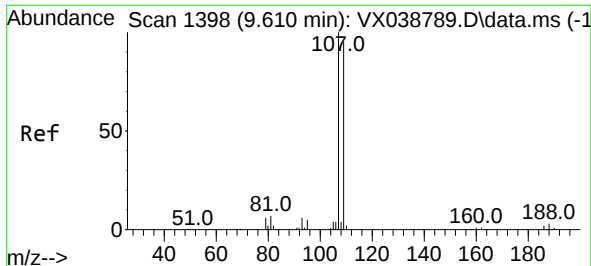
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#60
Dibromochloromethane
Concen: 19.705 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

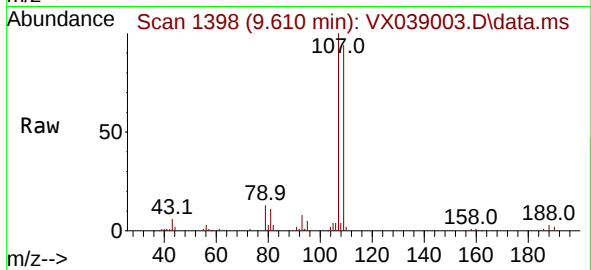
Tgt Ion:129 Resp: 32596
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.246 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

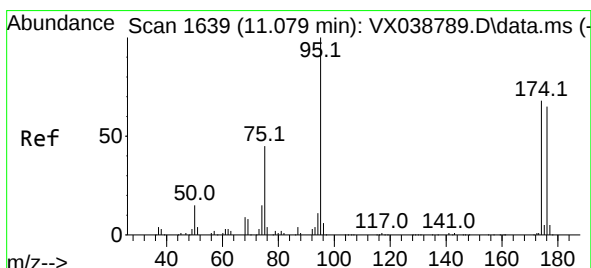
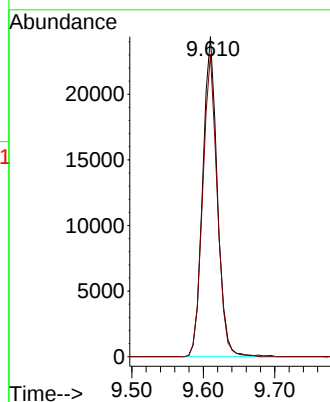
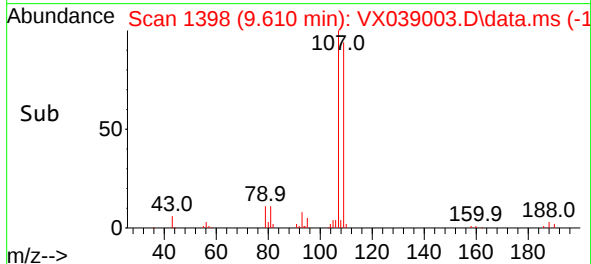
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



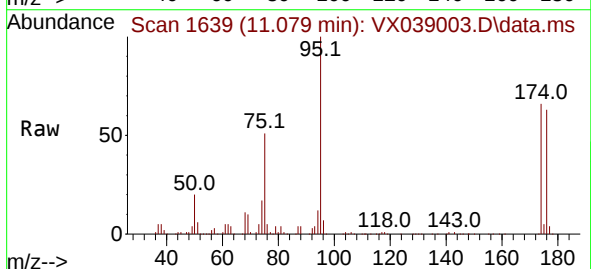
Tgt Ion:107 Resp: 3456
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

Manual Integrations
APPROVED

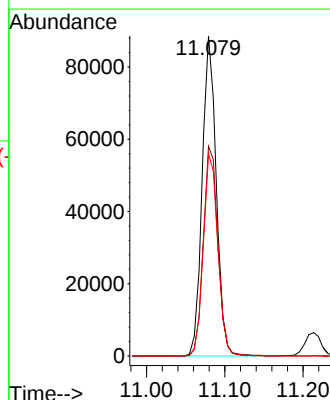
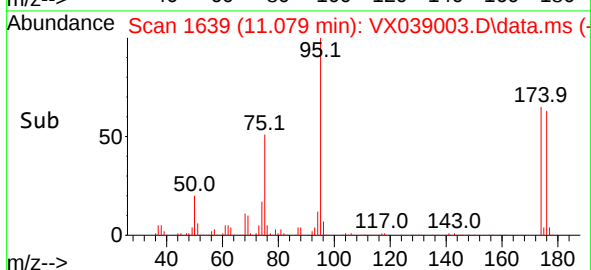
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

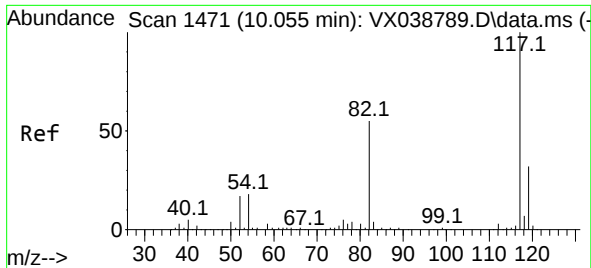


#62
4-Bromofluorobenzene
Concen: 48.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



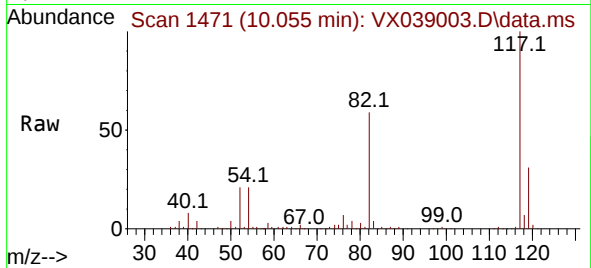
Tgt Ion: 95 Resp: 110502
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 65.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

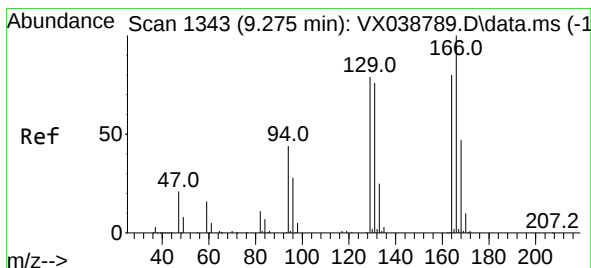
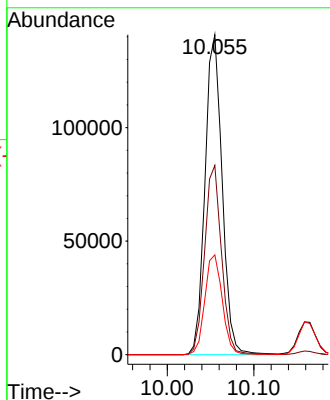
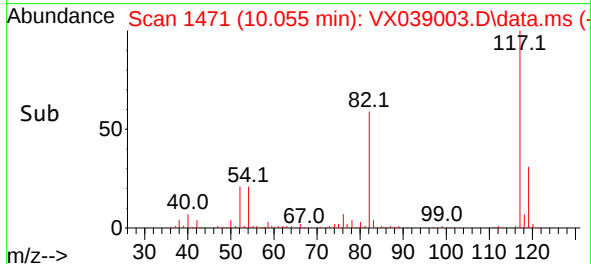
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion:117 Resp: 193798
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 31.2 25.5 38.3

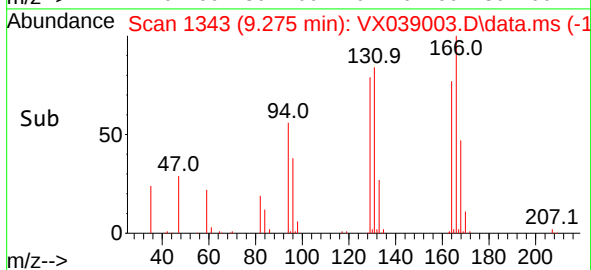
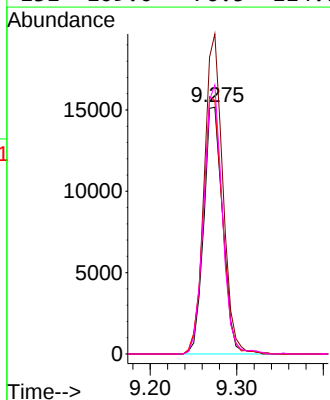
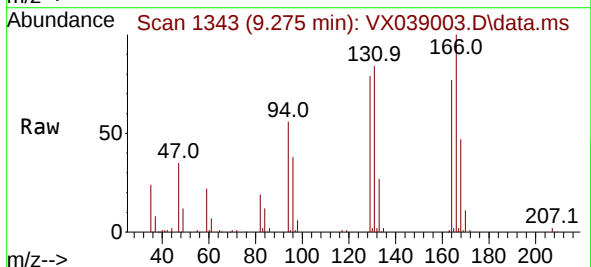
Manual Integrations
APPROVED

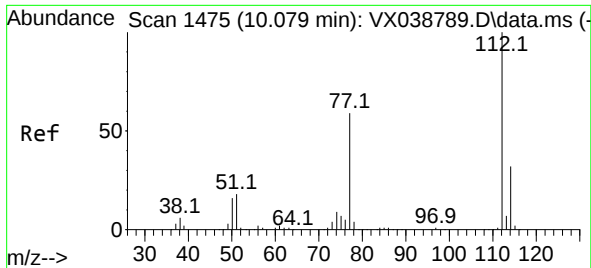
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#64
Tetrachloroethene
Concen: 19.220 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

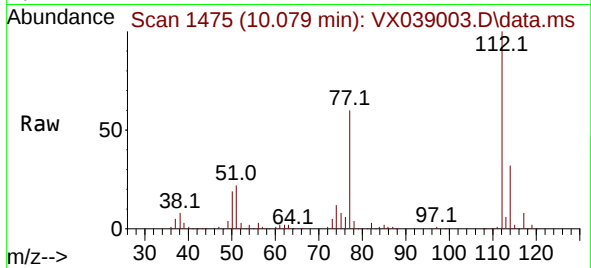
Tgt Ion:164 Resp: 23153
Ion Ratio Lower Upper
164 100
166 129.7 102.7 154.1
129 102.8 80.4 120.6
131 109.0 76.5 114.7





#65
Chlorobenzene
Concen: 19.227 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

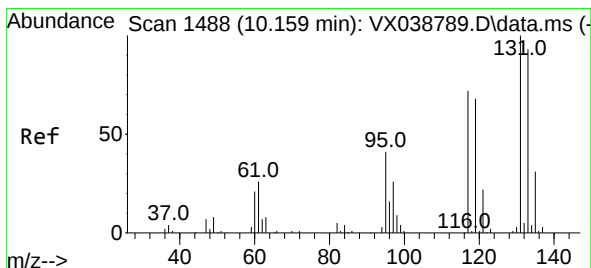
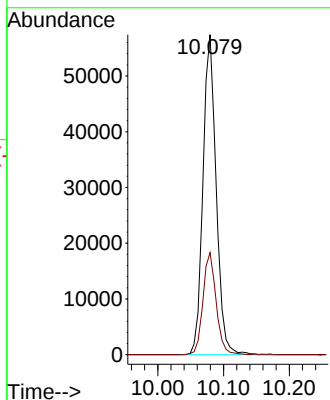
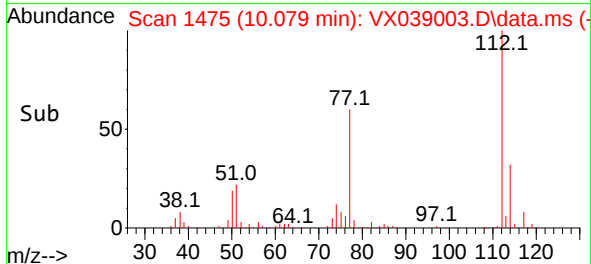
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



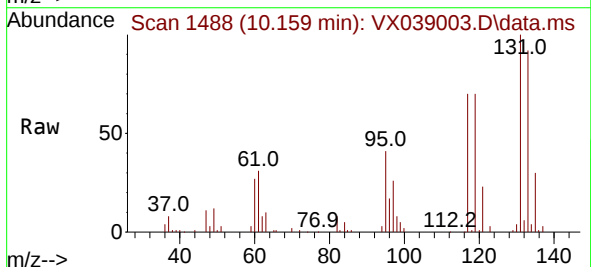
Tgt Ion:112 Resp: 8026
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

Manual Integrations
APPROVED

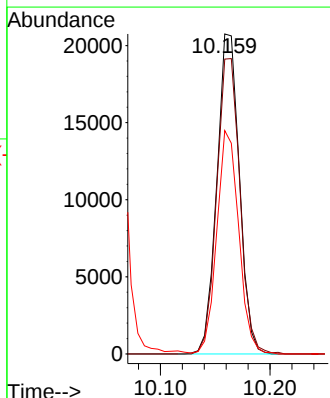
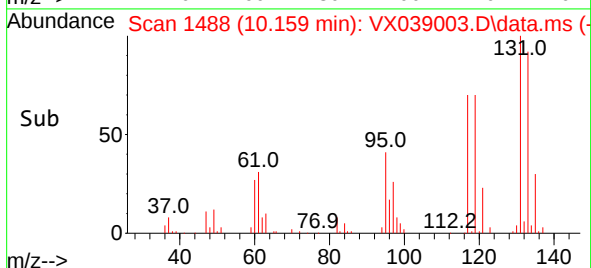
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

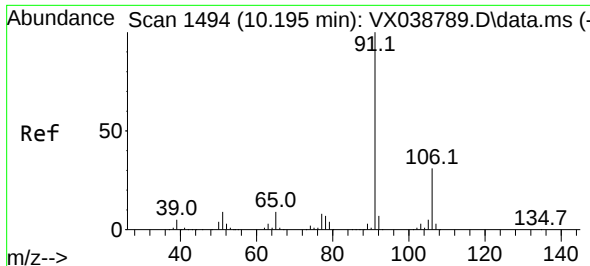


#66
1,1,1,2-Tetrachloroethane
Concen: 19.761 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



Tgt Ion:131 Resp: 29675
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 68.1 32.2 96.6





#67

Ethyl Benzene

Concen: 19.299 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 91 Resp: 14802

Ion Ratio Lower Upper

91 100

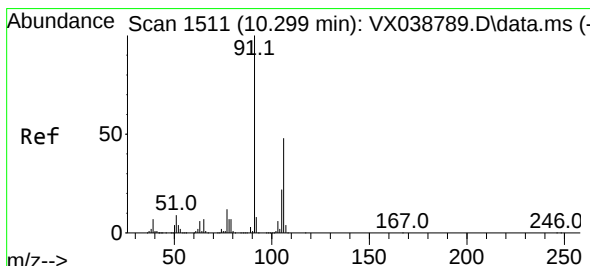
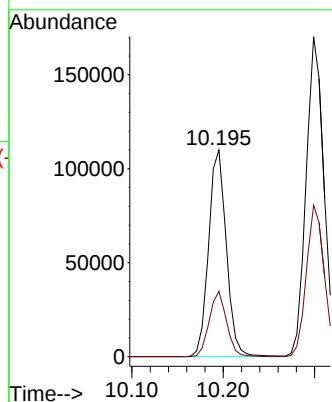
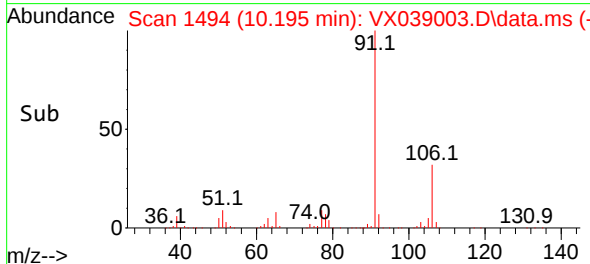
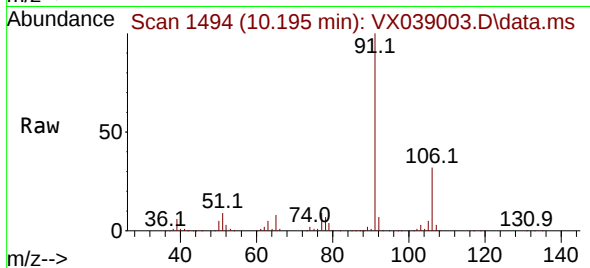
106 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#68

m/p-Xylenes

Concen: 38.451 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039003.D

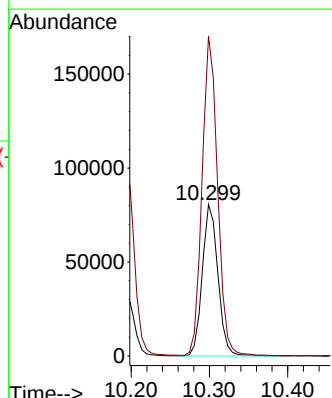
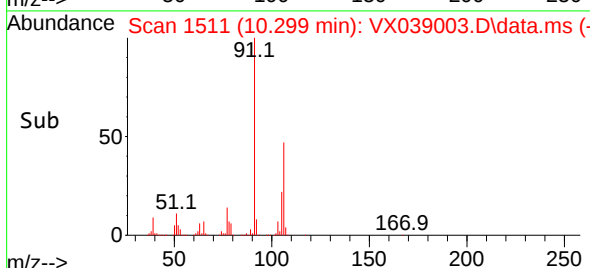
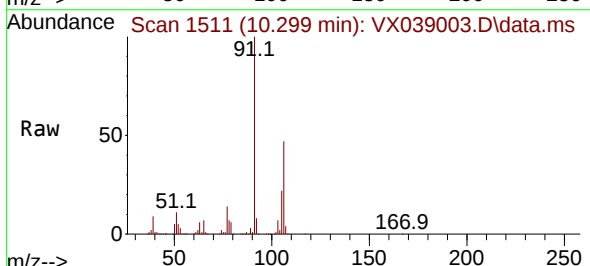
Acq: 22 Nov 2023 15:23

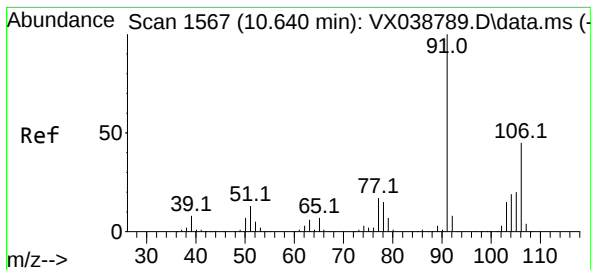
Tgt Ion:106 Resp: 111559

Ion Ratio Lower Upper

106 100

91 209.4 165.5 248.3





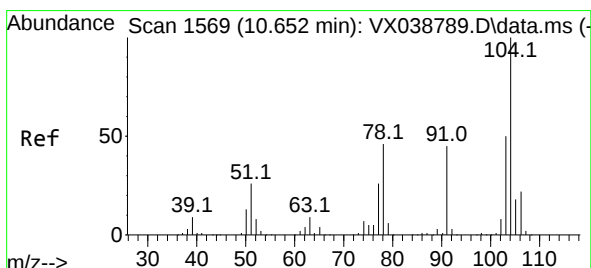
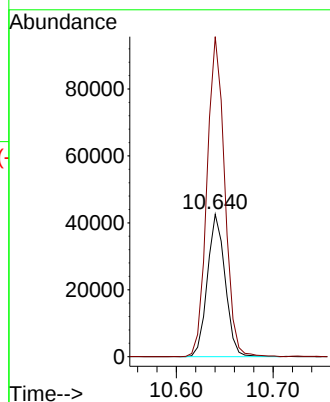
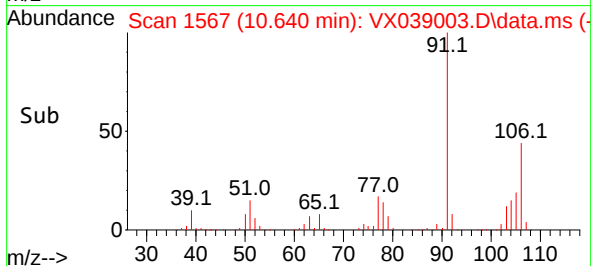
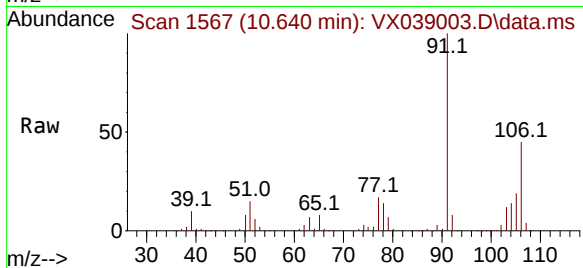
#69
o-Xylene
Concen: 18.930 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion:106 Resp: 54340
Ion Ratio Lower Upper
106 100
91 224.2 108.9 326.8

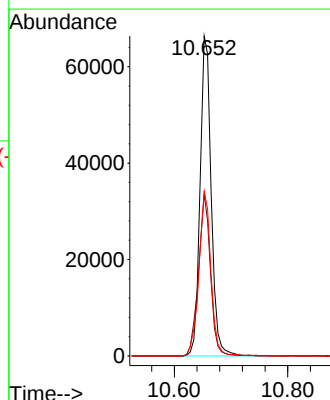
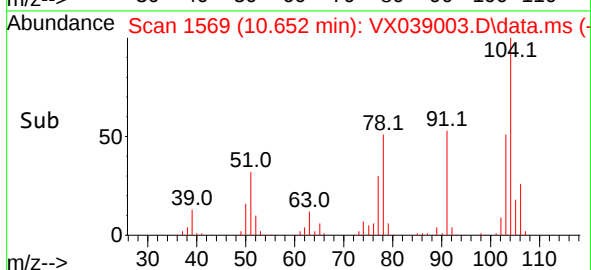
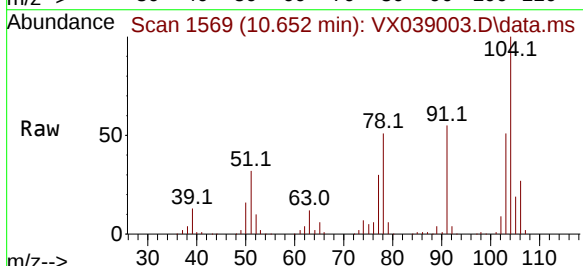
Manual Integrations
APPROVED

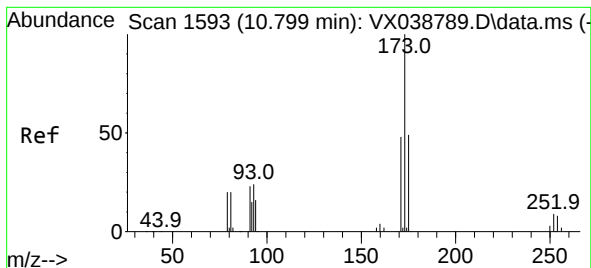
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#70
Styrene
Concen: 18.618 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Tgt Ion:104 Resp: 90267
Ion Ratio Lower Upper
104 100
78 54.2 43.6 65.4
103 55.6 43.6 65.4





#71

Bromoform

Concen: 19.159 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

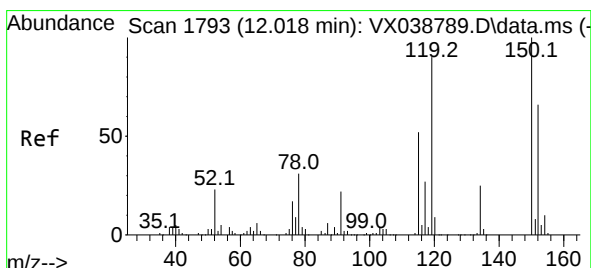
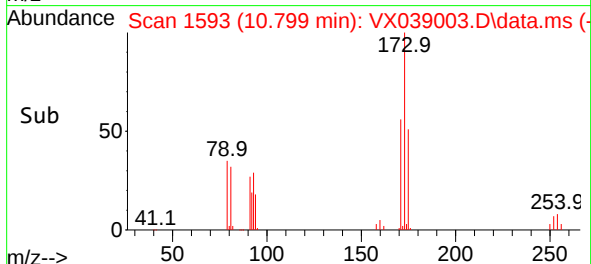
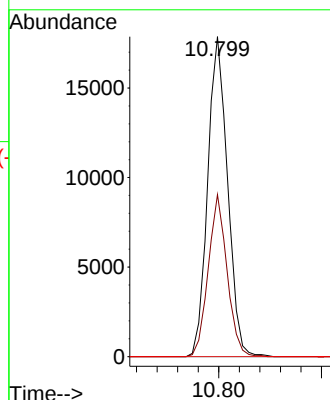
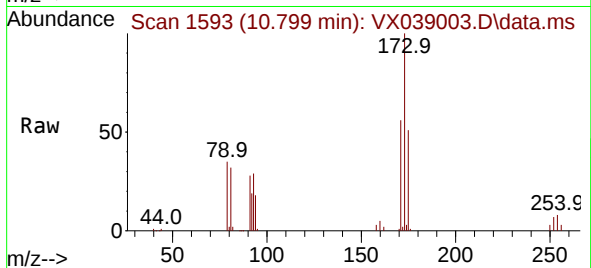
Tgt Ion:173	Resp:	2398
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

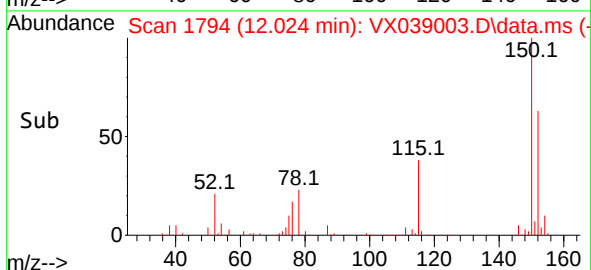
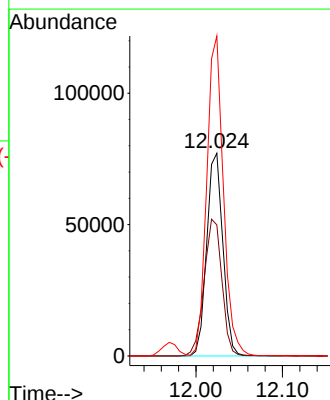
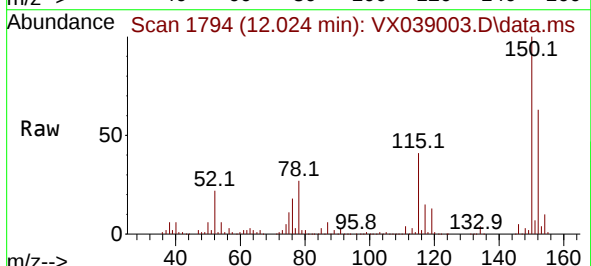
RT: 12.024 min Scan# 1794

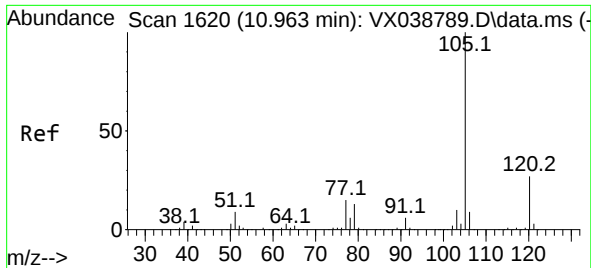
Delta R.T. 0.006 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Tgt Ion:152	Resp:	99992
Ion Ratio	Lower	Upper
152	100	
115	74.4	43.3 129.9
150	161.5	0.0 345.0





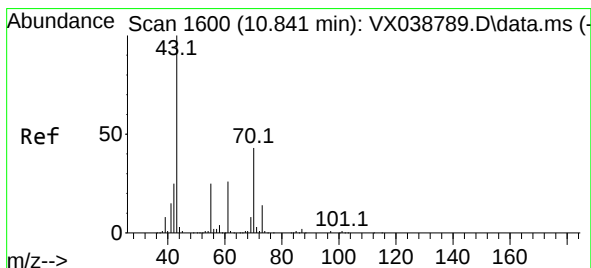
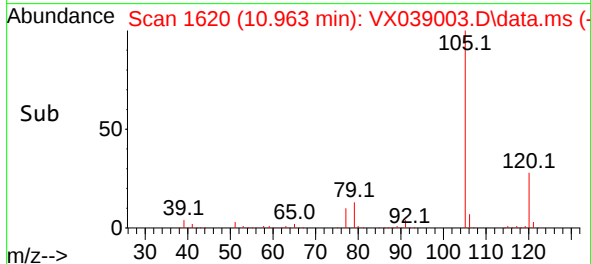
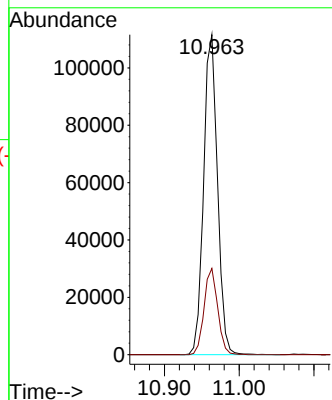
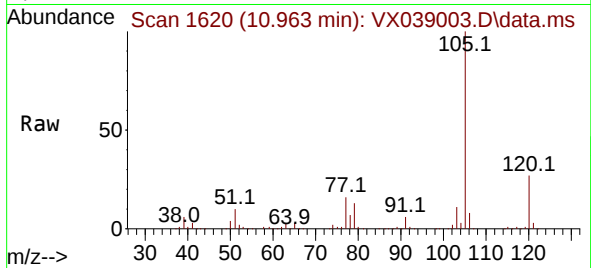
#73
Isopropylbenzene
Concen: 18.396 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion:105 Resp: 143320
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

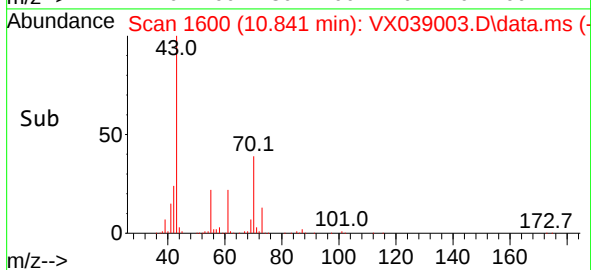
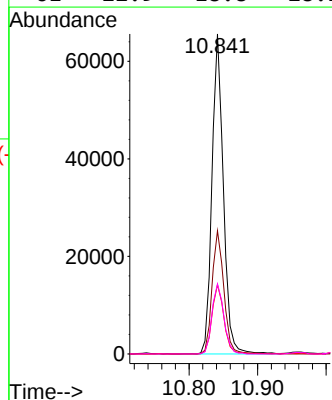
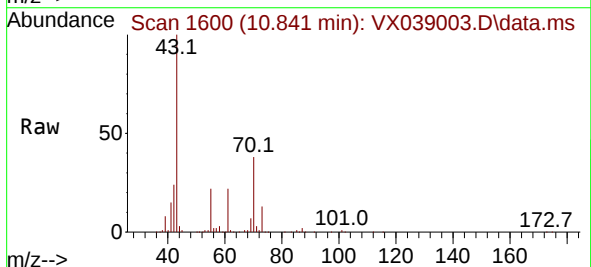
Manual Integrations
APPROVED

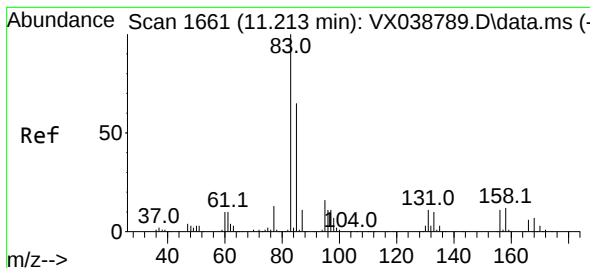
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#74
N-ethyl acetate
Concen: 18.456 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Tgt Ion: 43 Resp: 76010
Ion Ratio Lower Upper
43 100
70 39.8 32.9 49.3
55 22.6 19.3 28.9
61 22.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.603 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

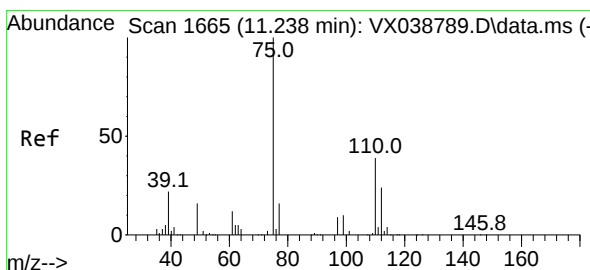
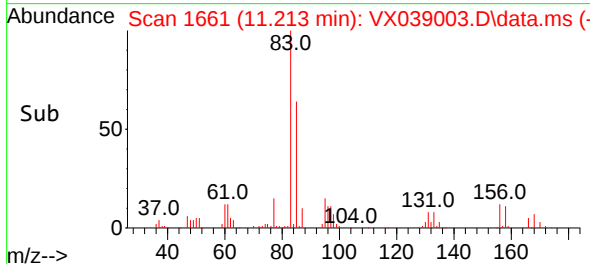
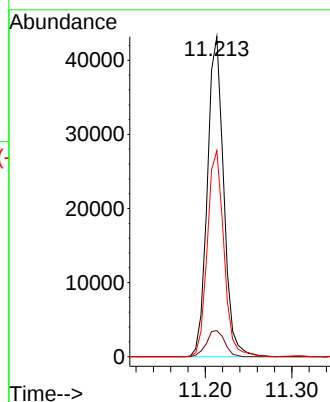
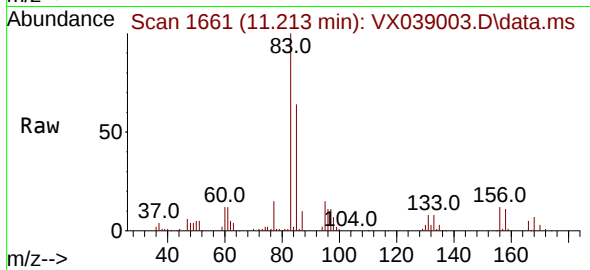
Tgt Ion:	83	Resp:	5657
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.3	15.8
85	65.3	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#76

1,2,3-Trichloropropane

Concen: 19.051 ug/l m

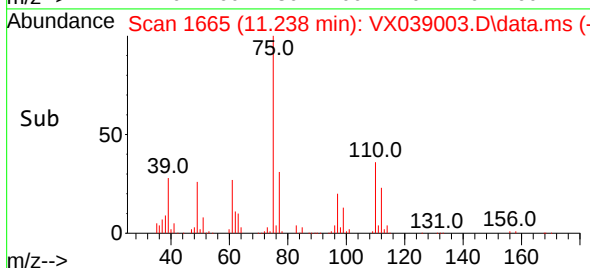
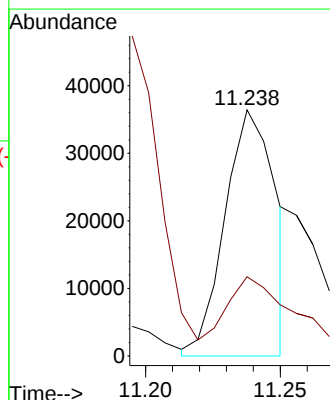
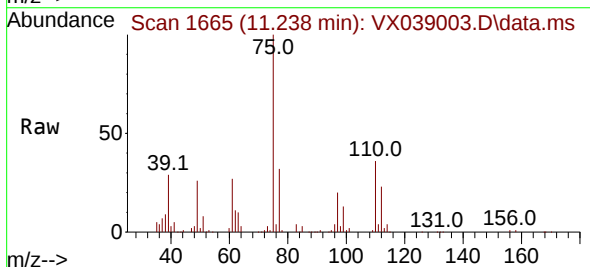
RT: 11.238 min Scan# 1665

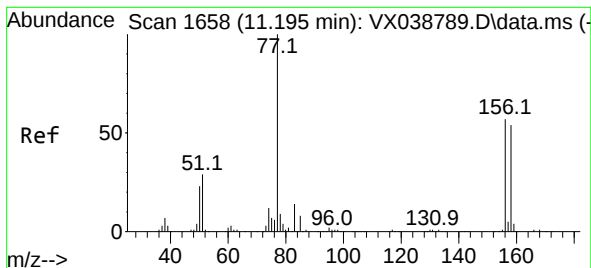
Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Tgt Ion:	75	Resp:	47528
Ion Ratio	Lower	Upper	
75	100		
77	44.6	19.1	57.5





#77

Bromobenzene

Concen: 18.312 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

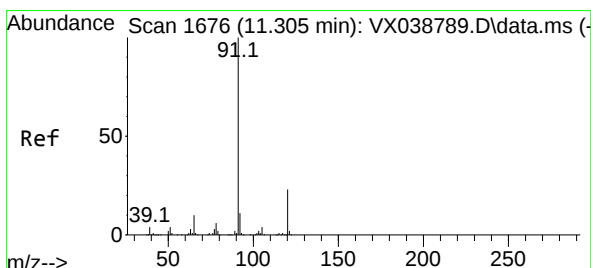
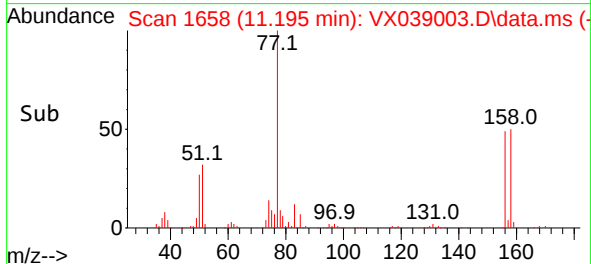
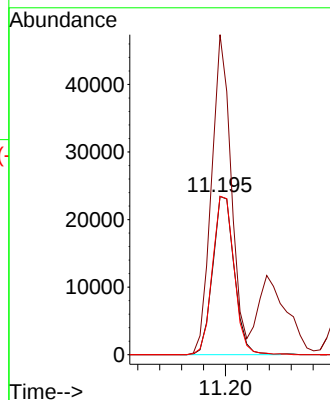
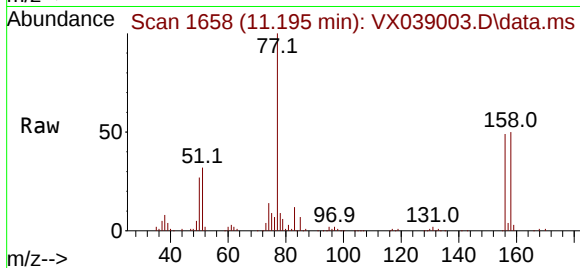
Tgt Ion:	156	Resp:	3205
Ion Ratio	Lower	Upper	
156	100		
77	184.4	88.4	265.3
158	100.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#78

n-propylbenzene

Concen: 18.497 ug/l

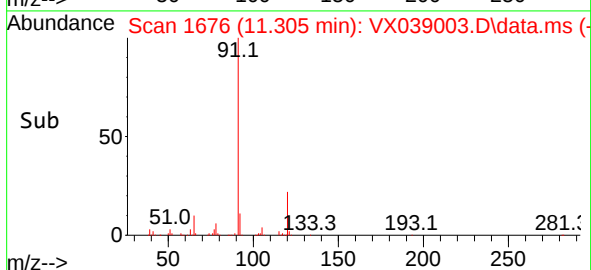
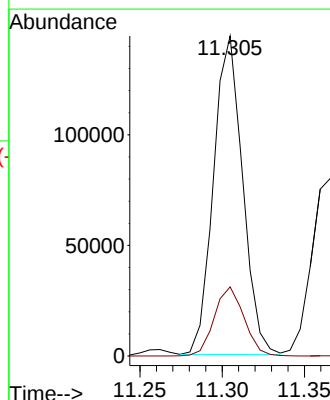
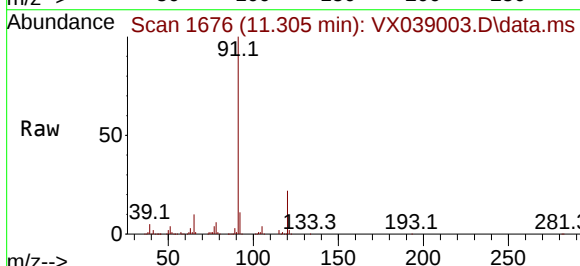
RT: 11.305 min Scan# 1676

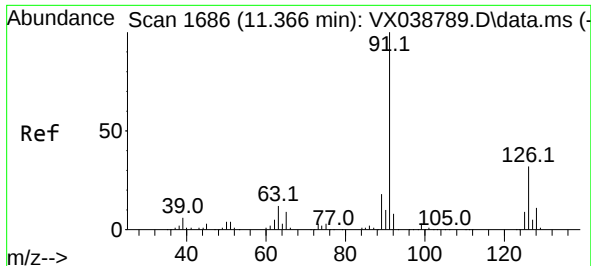
Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Tgt Ion:	91	Resp:	177378
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.5	34.4





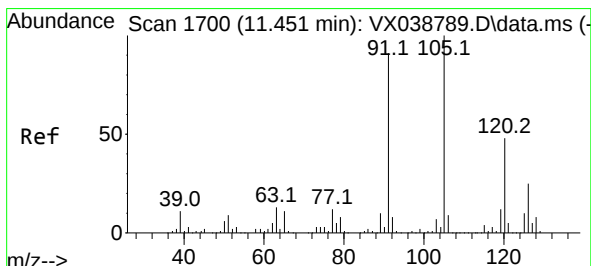
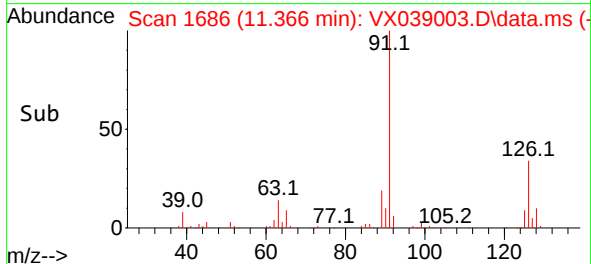
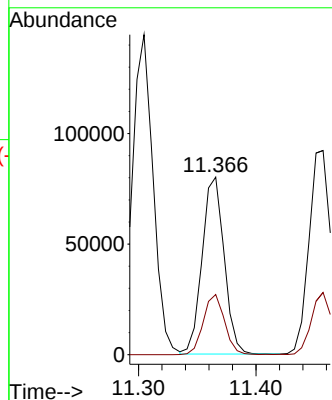
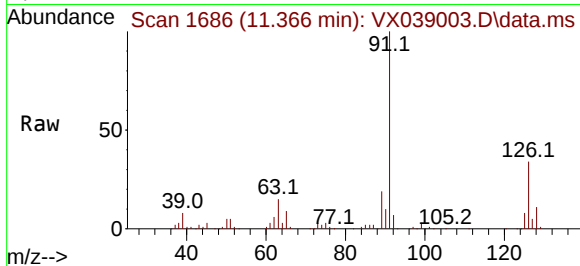
#79
2-Chlorotoluene
Concen: 18.312 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 91 Resp: 104210
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

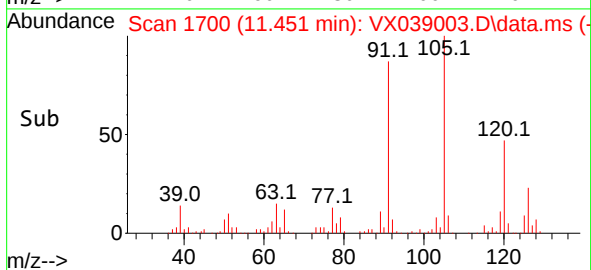
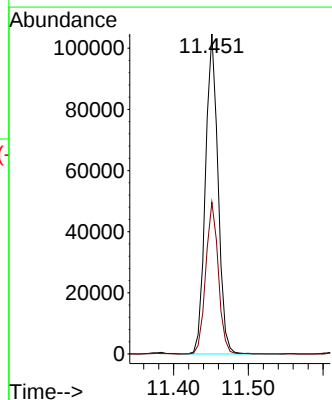
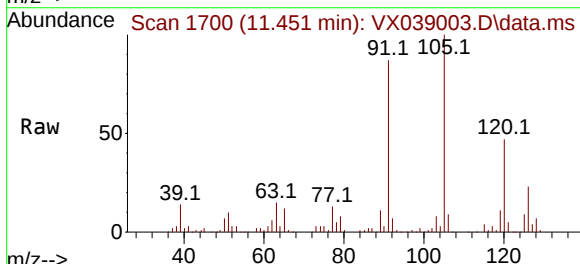
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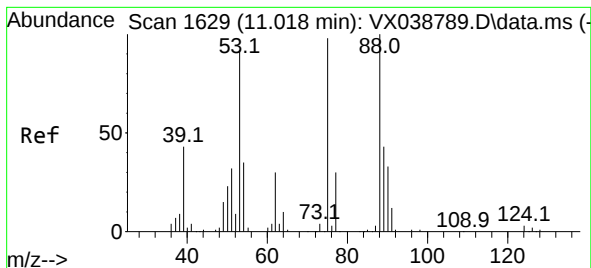
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.662 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Tgt Ion:105 Resp: 122251
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





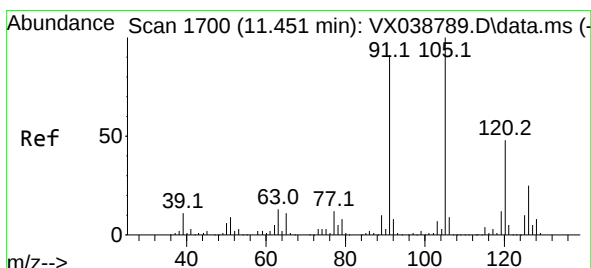
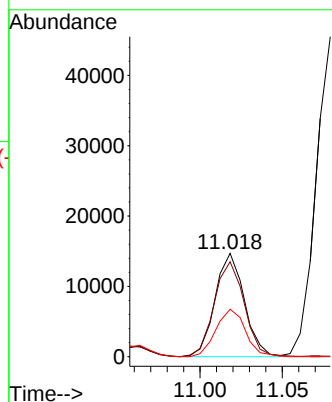
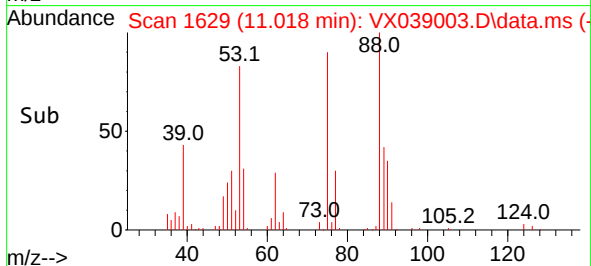
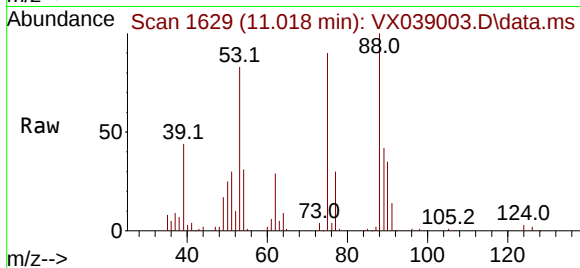
#81
trans-1,4-Dichloro-2-butene
Concen: 16.245 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 75 Resp: 1827
Ion Ratio Lower Upper
75 100
53 94.1 90.5 135.7
89 46.1 36.9 55.3

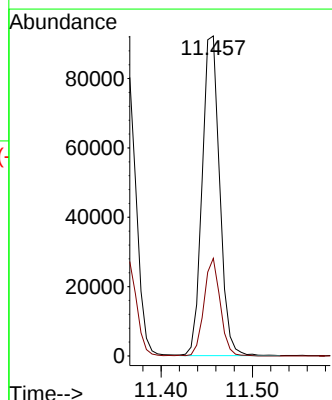
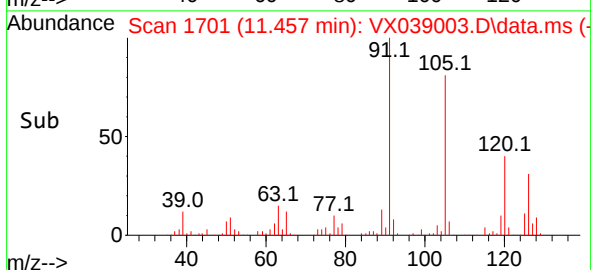
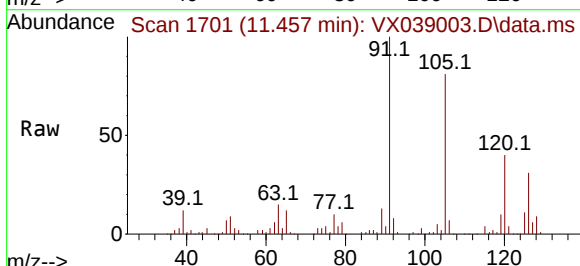
Manual Integrations
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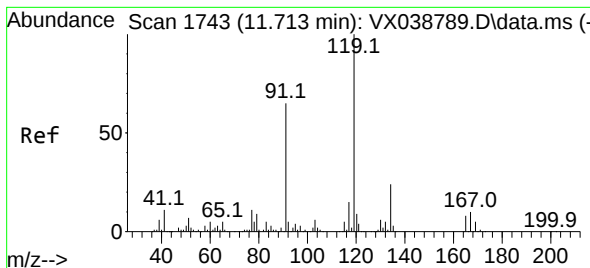
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#82
4-Chlorotoluene
Concen: 18.662 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

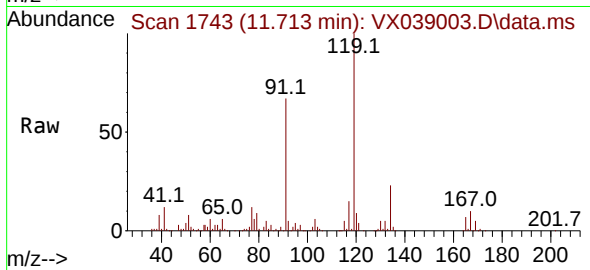
Tgt Ion: 91 Resp: 122465
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.204 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

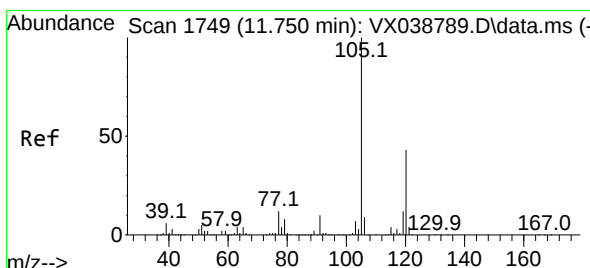
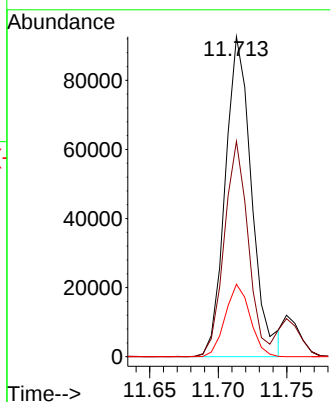
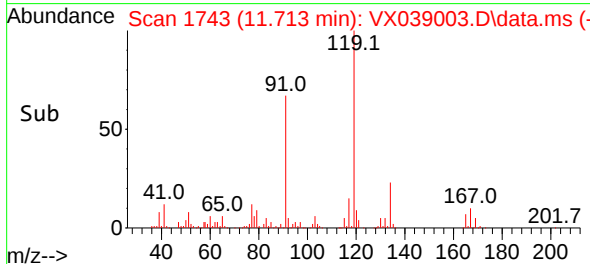
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



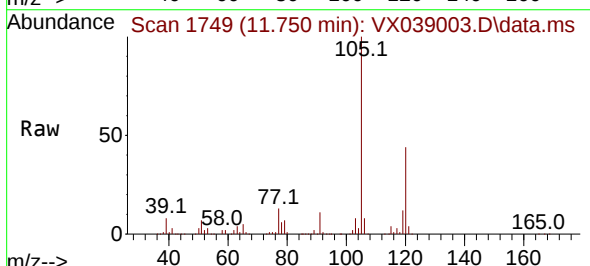
Tgt Ion:119 Resp: 123895
Ion Ratio Lower Upper
119 100
91 61.6 31.2 93.6
134 21.4 11.7 35.0

Manual Integrations
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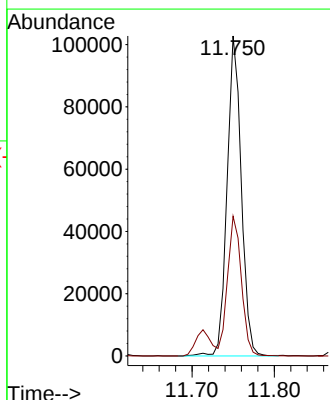
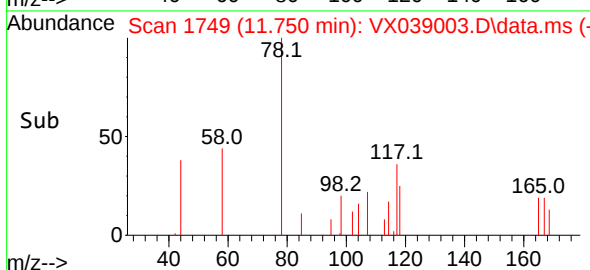
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

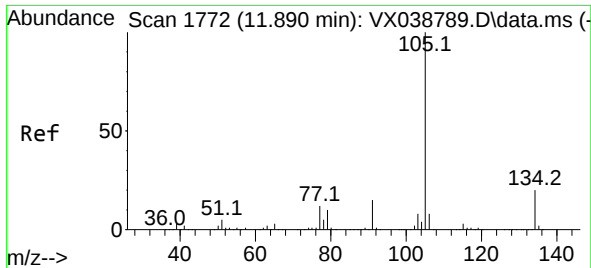


#84
1,2,4-Trimethylbenzene
Concen: 18.652 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



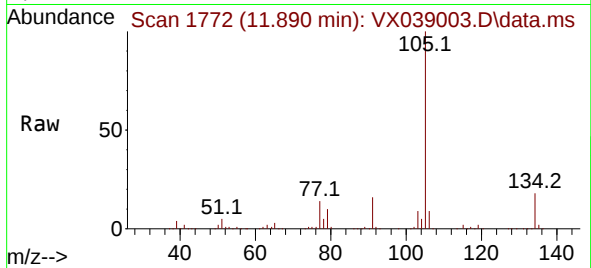
Tgt Ion:105 Resp: 123665
Ion Ratio Lower Upper
105 100
120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 18.698 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039003.D
 Acq: 22 Nov 2023 15:23

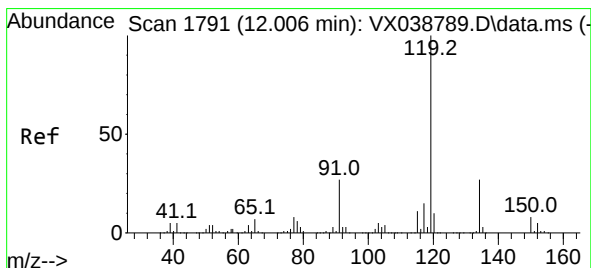
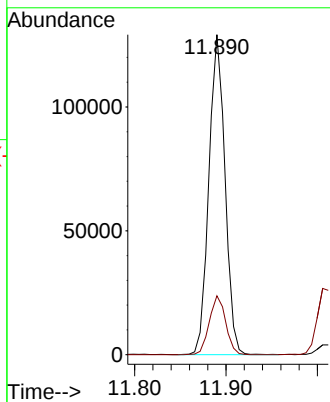
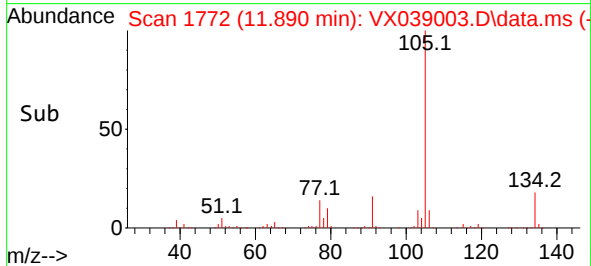
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01



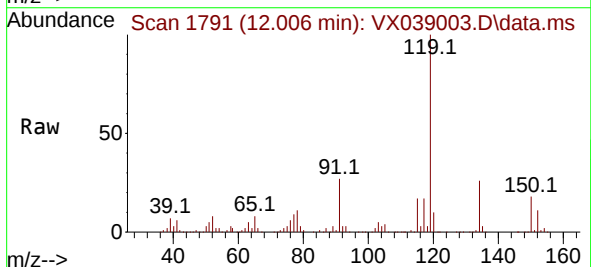
Tgt Ion:105 Resp: 157790
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

Manual Integrations
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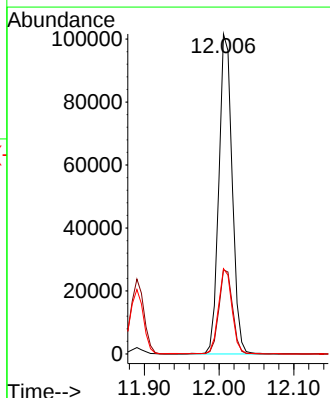
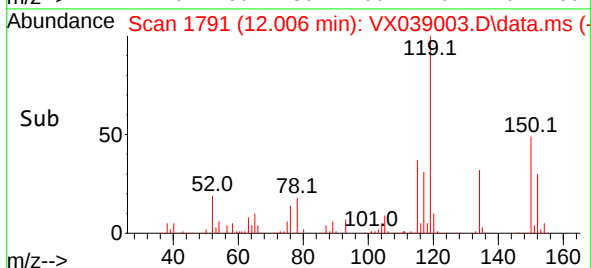
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023

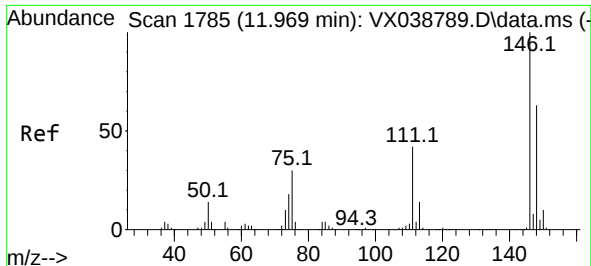


#86
 p-Isopropyltoluene
 Concen: 18.665 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039003.D
 Acq: 22 Nov 2023 15:23



Tgt Ion:119 Resp: 126444
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.8 38.3
 91 27.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.228 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion:146 Resp: 6591

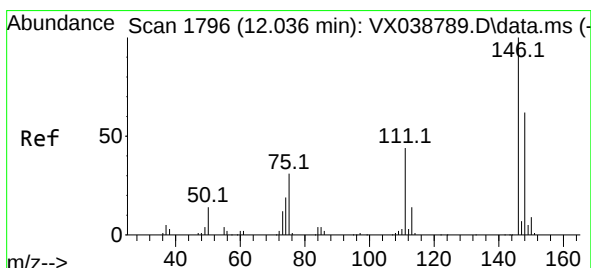
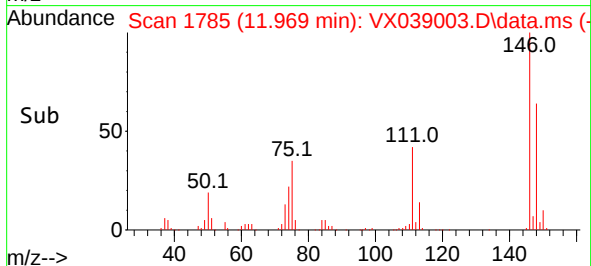
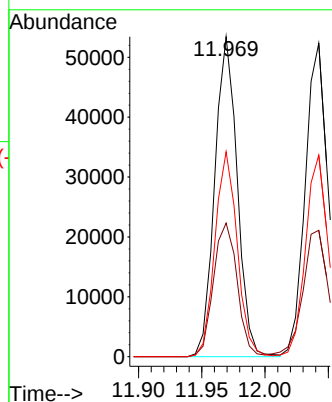
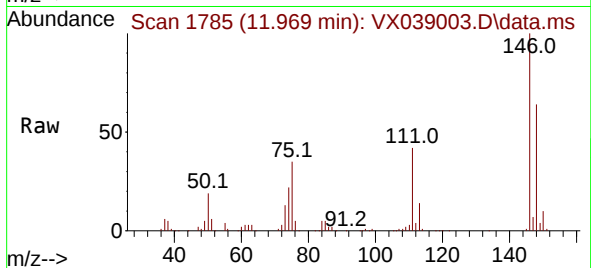
Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.1
148	63.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#88

1,4-Dichlorobenzene

Concen: 18.820 ug/l

RT: 12.042 min Scan# 1797

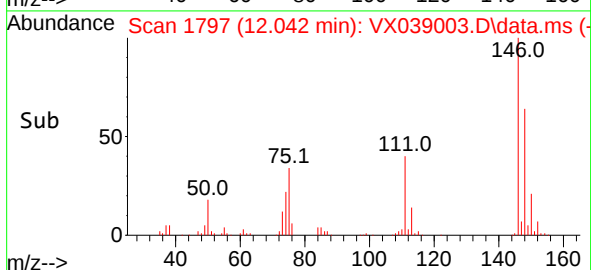
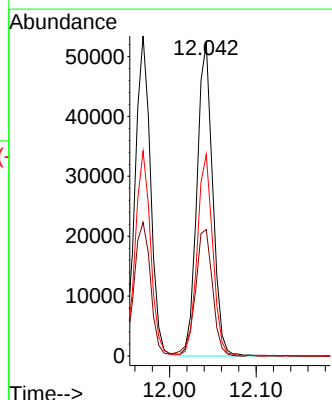
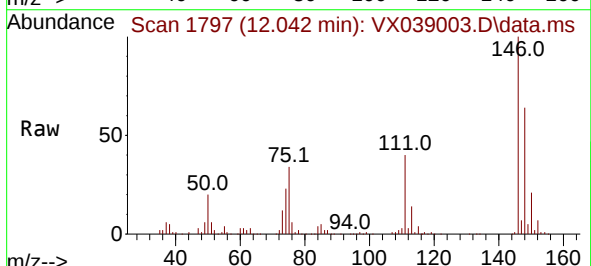
Delta R.T. 0.006 min

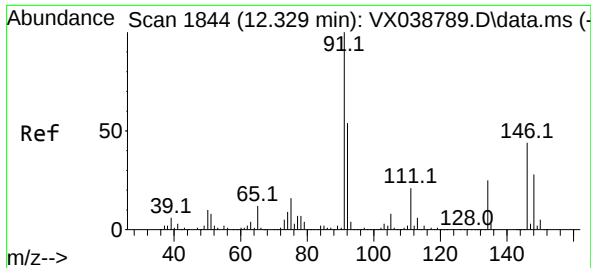
Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Tgt Ion:146 Resp: 66031

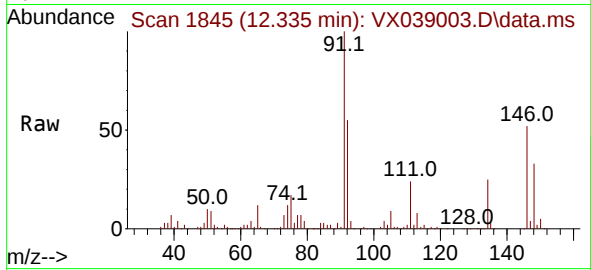
Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.3	63.7
148	63.7	31.8	95.4





#89
n-Butylbenzene
Concen: 18.057 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

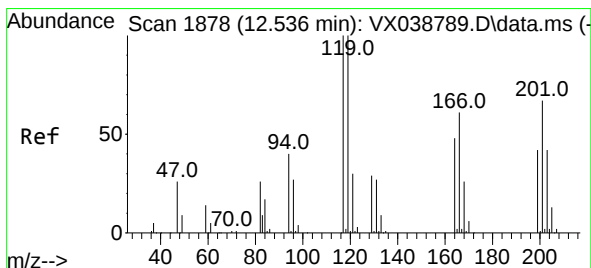
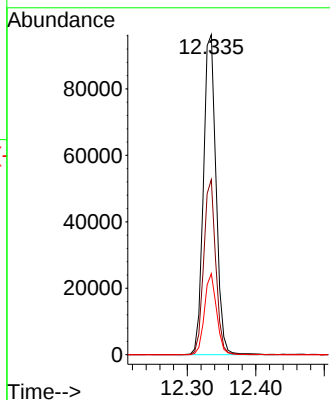
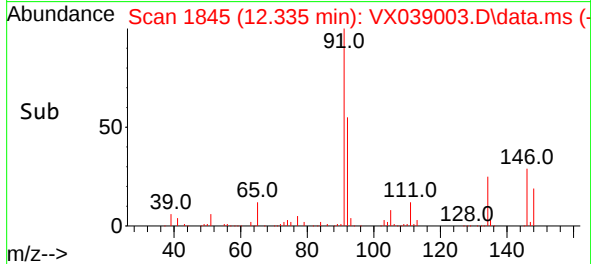
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 91 Resp: 12341
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 24.4 12.6 37.8

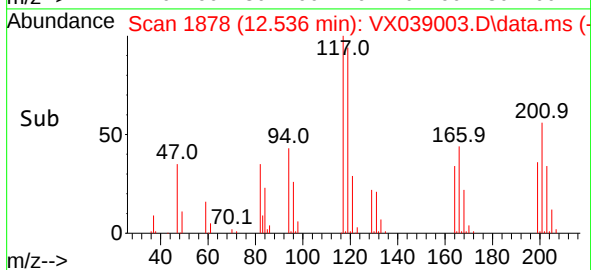
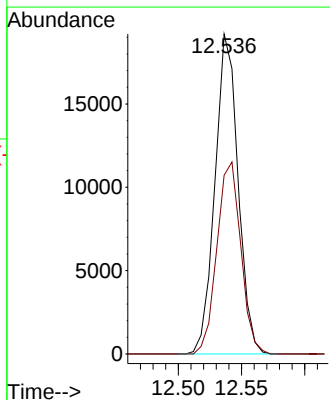
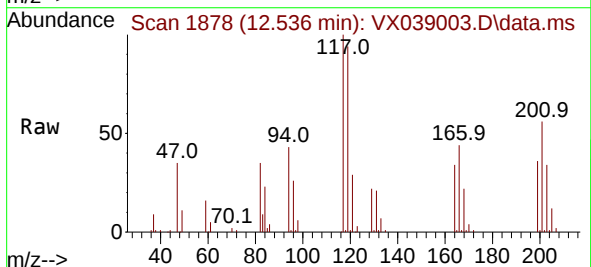
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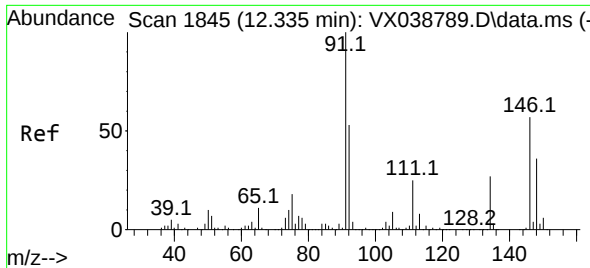
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#90
Hexachloroethane
Concen: 18.000 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

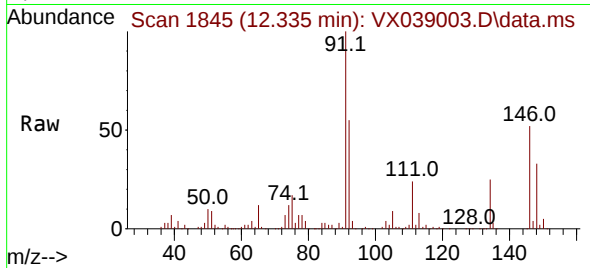
Tgt Ion:117 Resp: 24350
Ion Ratio Lower Upper
117 100
201 62.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.207 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

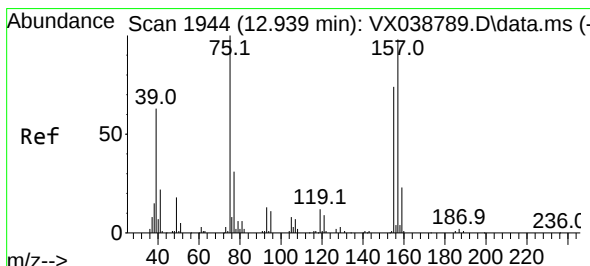
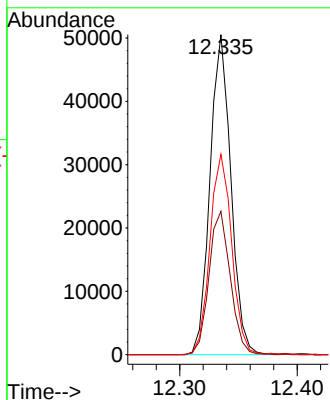
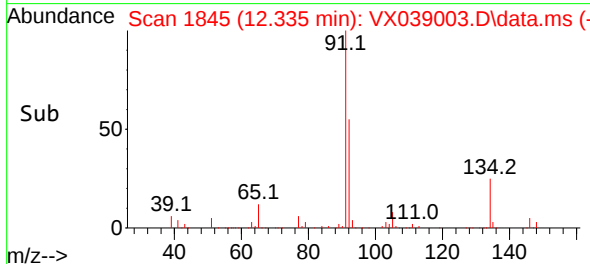
Instrument : MSVOA_X
ClientSampleId : VX1122WBSD01



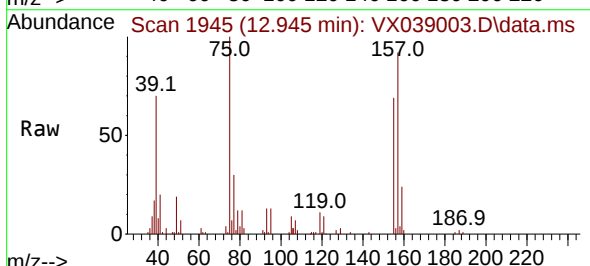
Tgt Ion:146 Resp: 62449
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.0
148 65.3 31.6 95.0

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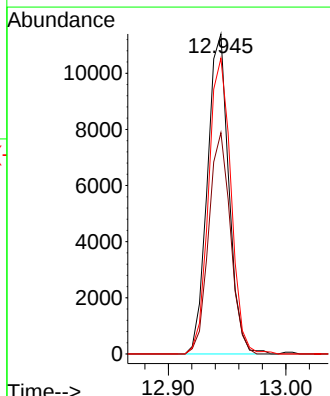
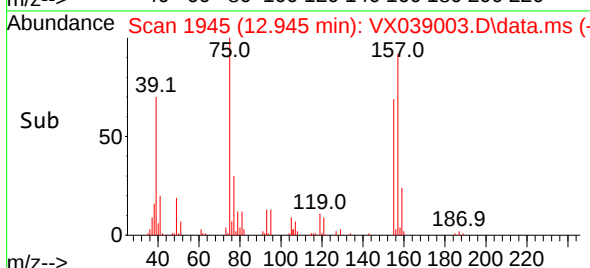
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

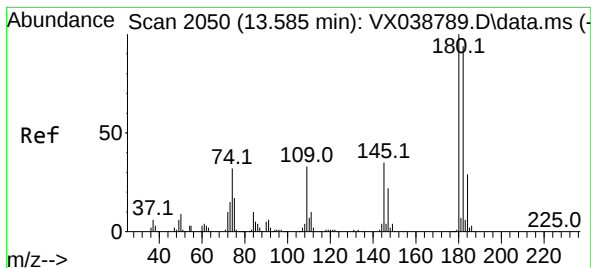


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.390 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



Tgt Ion: 75 Resp: 14448
Ion Ratio Lower Upper
75 100
155 70.1 36.1 108.5
157 96.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.533 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

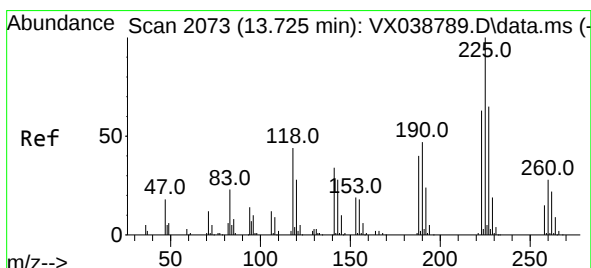
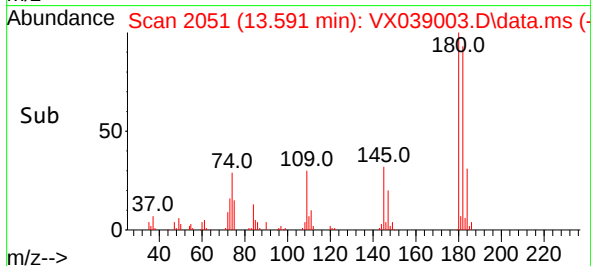
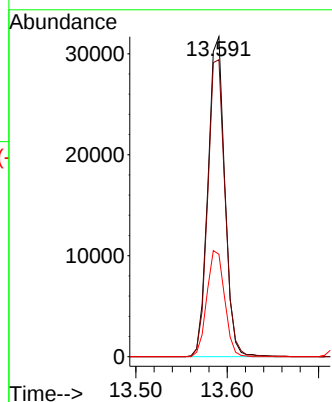
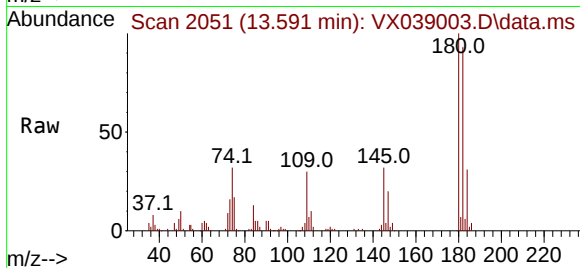
Tgt Ion:180	Resp:	40379
Ion Ratio	Lower	Upper
180	100	
182	95.5	48.3 144.8
145	34.9	18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#94

Hexachlorobutadiene

Concen: 18.581 ug/l

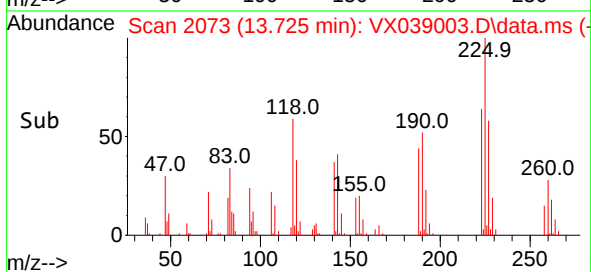
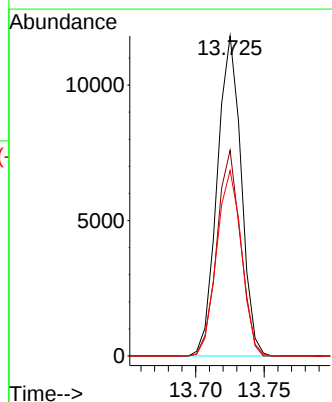
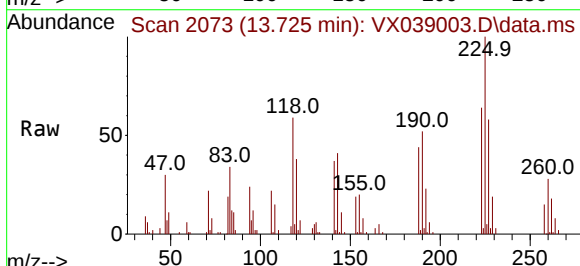
RT: 13.725 min Scan# 2073

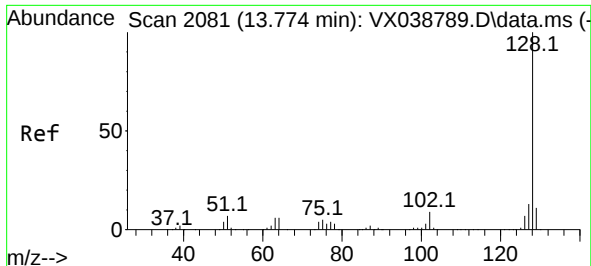
Delta R.T. -0.000 min

Lab File: VX039003.D

Acq: 22 Nov 2023 15:23

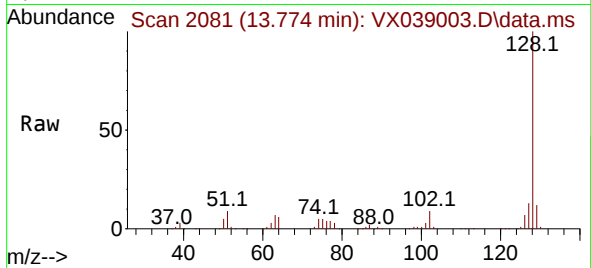
Tgt Ion:225	Resp:	14337
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.1 93.2
227	60.2	32.5 97.5





#95
Naphthalene
Concen: 18.674 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23

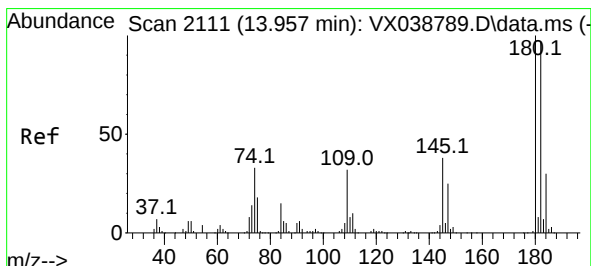
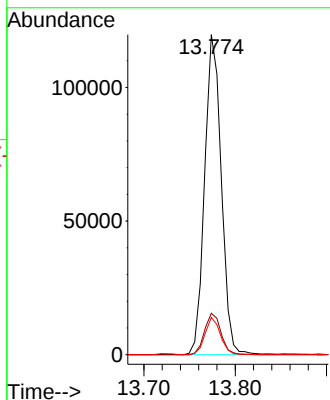
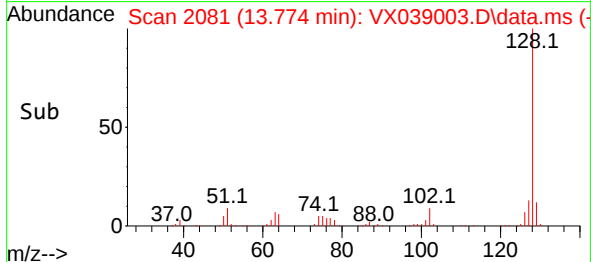
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



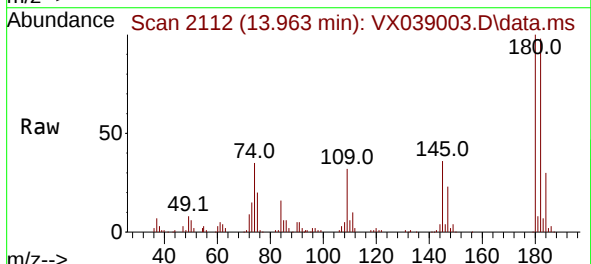
Tgt Ion:128 Resp: 15153
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.264 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039003.D
Acq: 22 Nov 2023 15:23



Tgt Ion:180 Resp: 39788
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 36.7 17.8 53.5

