

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039159.D
 Acq On : 12 Dec 2023 12:45
 Operator : JC/MD
 Sample : VX1212WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

Quant Time: Dec 13 04:14:17 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	5.544	168	118881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	196638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106667	55.684	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.360%			
35) Dibromofluoromethane	5.385	113	78468	50.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	8.647	98	280020	47.045	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.100%			
62) 4-Bromofluorobenzene	11.079	95	115323	48.400	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32005	23.073	ug/l	96
3) Chloromethane	1.294	50	34323	18.958	ug/l	98
4) Vinyl Chloride	1.374	62	33664	19.303	ug/l	99
5) Bromomethane	1.611	94	21838	30.286	ug/l	98
6) Chloroethane	1.691	64	19627	19.721	ug/l	100
7) Trichlorofluoromethane	1.892	101	48615	21.967	ug/l	96
8) Diethyl Ether	2.130	74	17520	18.176	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	30361	20.687	ug/l	97
10) Methyl Iodide	2.453	142	31640	17.713	ug/l	95
11) Tert butyl alcohol	2.947	59	49955	93.762	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	30665	20.696	ug/l	92
13) Acrolein	2.233	56	36690	130.164	ug/l	98
14) Allyl chloride	2.666	41	59782	20.152	ug/l	98
15) Acrylonitrile	3.056	53	109271	97.063	ug/l	99
16) Acetone	2.373	43	118799	116.499	ug/l	91
17) Carbon Disulfide	2.514	76	86000	18.738	ug/l	97
18) Methyl Acetate	2.697	43	96247	19.871	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	113004	21.684	ug/l	99
20) Methylene Chloride	2.788	84	35692	19.416	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	32700	20.001	ug/l	97
22) Diisopropyl ether	3.751	45	115968	21.309	ug/l	93
23) Vinyl Acetate	3.715	43	434553	110.868	ug/l	99
24) 1,1-Dichloroethane	3.605	63	63705	20.932	ug/l	98
25) 2-Butanone	4.544	43	167964	101.572	ug/l	99
26) 2,2-Dichloropropane	4.477	77	55753	21.119	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	37200	19.520	ug/l	96
28) Bromochloromethane	4.897	49	28759	19.682	ug/l	93
29) Tetrahydrofuran	4.995	42	102117	97.257	ug/l	98
30) Chloroform	5.093	83	63332	21.311	ug/l	97
31) Cyclohexane	5.470	56	57223	20.923	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	54345	21.113	ug/l	98
36) 1,1-Dichloropropene	5.690	75	47966	21.513	ug/l	98
37) Ethyl Acetate	4.708	43	60985	20.994	ug/l	99
38) Carbon Tetrachloride	5.672	117	44468	21.579	ug/l	95
39) Methylcyclohexane	7.379	83	59025	20.295	ug/l	98
40) Benzene	6.037	78	135193	20.500	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	34223	22.715	ug/l	99
42) 1,2-Dichloroethane	6.086	62	55958	25.611	ug/l	99
43) Isopropyl Acetate	6.336	43	98130	21.137	ug/l	100
44) Trichloroethene	7.123	130	33845	21.085	ug/l	99
45) 1,2-Dichloropropane	7.427	63	37269	21.000	ug/l	94
46) Dibromomethane	7.580	93	25123	21.228	ug/l	96
47) Bromodichloromethane	7.818	83	49403	21.032	ug/l	99
48) Methyl methacrylate	7.690	41	57550	25.550	ug/l	97
49) 1,4-Dioxane	7.653	88	14056	322.554	ug/l #	100
51) 4-Methyl-2-Pentanone	8.567	43	314934	106.153	ug/l	99
52) Toluene	8.714	92	83532	20.412	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	56258	20.154	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	58803	20.394	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	33625	19.692	ug/l	86
56) Ethyl methacrylate	9.116	69	44101	15.265	ug/l	95
57) 1,3-Dichloropropane	9.305	76	61155	21.655	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	108537	80.644	ug/l	95
59) 2-Hexanone	9.427	43	252213	106.062	ug/l	100
60) Dibromochloromethane	9.519	129	34712	19.993	ug/l	99
61) 1,2-Dibromoethane	9.610	107	37755	21.071	ug/l	99
64) Tetrachloroethene	9.269	164	26645	21.800	ug/l	96
65) Chlorobenzene	10.079	112	87049	20.551	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	31588	20.731	ug/l	99
67) Ethyl Benzene	10.189	91	167736	21.554	ug/l	97
68) m/p-Xylenes	10.299	106	119982	40.757	ug/l	93
69) o-Xylene	10.640	106	57970	19.901	ug/l	94
70) Styrene	10.652	104	84056	17.086	ug/l	95
71) Bromoform	10.799	173	23818	18.751	ug/l #	98
73) Isopropylbenzene	10.963	105	159124	20.725	ug/l	98
74) N-amyl acetate	10.841	43	79528	19.594	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	59031	19.695	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	51446m	20.924	ug/l	
77) Bromobenzene	11.195	156	34256	19.856	ug/l	89
78) n-propylbenzene	11.305	91	195450	20.681	ug/l	97
79) 2-Chlorotoluene	11.366	91	115281	20.554	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	135006	20.912	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	17705	15.973	ug/l	95
82) 4-Chlorotoluene	11.451	91	136028	21.034	ug/l	97
83) tert-Butylbenzene	11.713	119	127140	19.997	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	134929	20.649	ug/l	99
85) sec-Butylbenzene	11.890	105	161389	19.406	ug/l	97
86) p-Isopropyltoluene	12.006	119	135075	20.232	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	66699	19.743	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	68078	19.689	ug/l	98
89) n-Butylbenzene	12.329	91	135263	20.081	ug/l	96
90) Hexachloroethane	12.536	117	23996	17.999	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	63700	19.880	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15094	20.555	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	42561	19.821	ug/l	98
94) Hexachlorobutadiene	13.725	225	15332	20.163	ug/l	98
95) Naphthalene	13.774	128	150279	18.791	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41141	20.212	ug/l	99

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

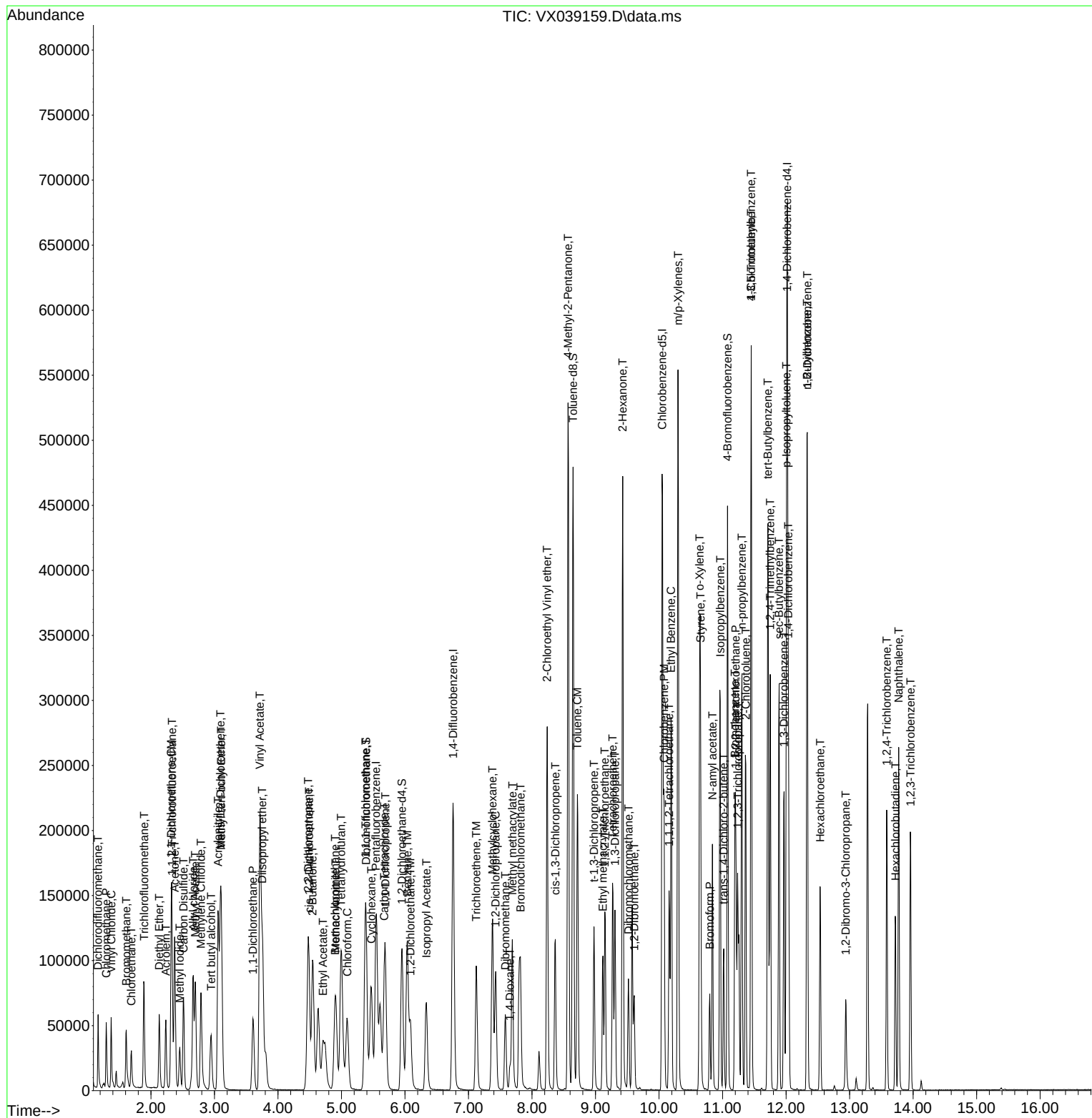
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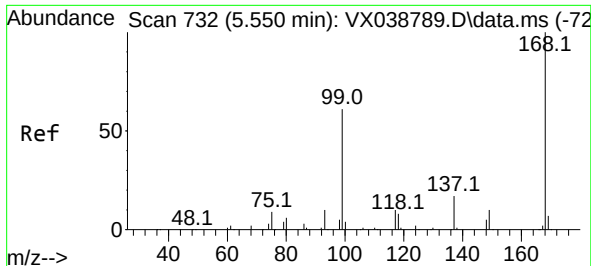
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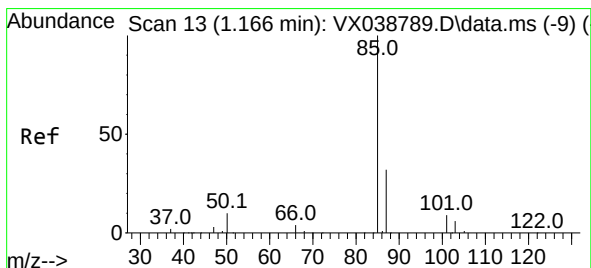
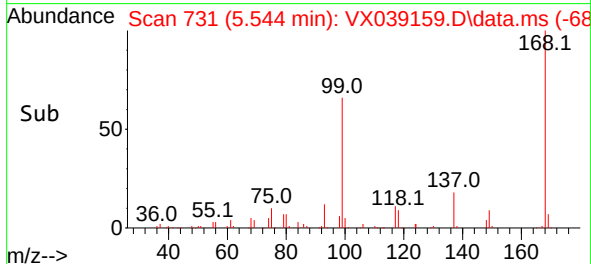
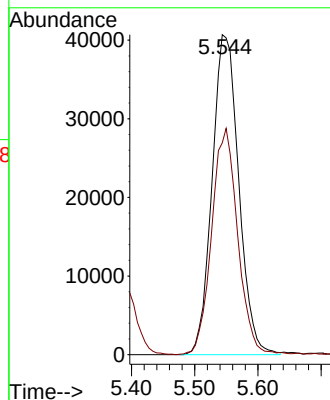
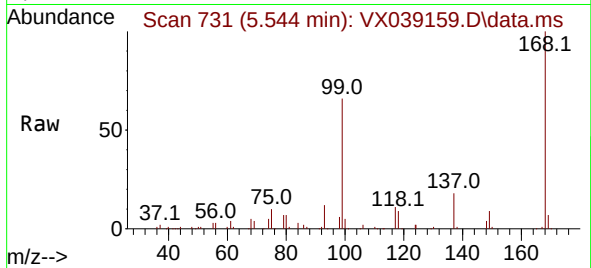
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

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MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 11888
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0

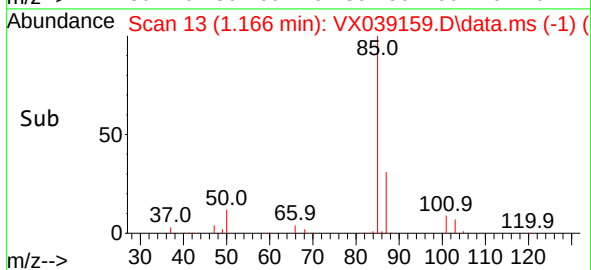
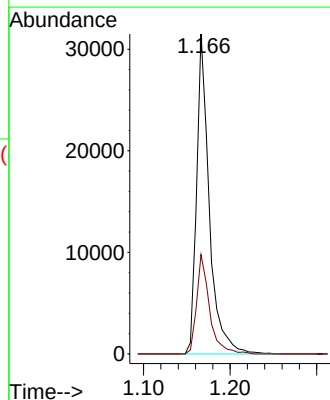
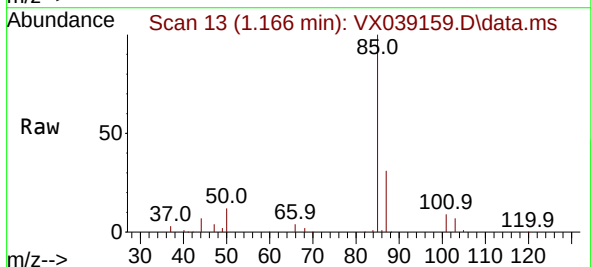
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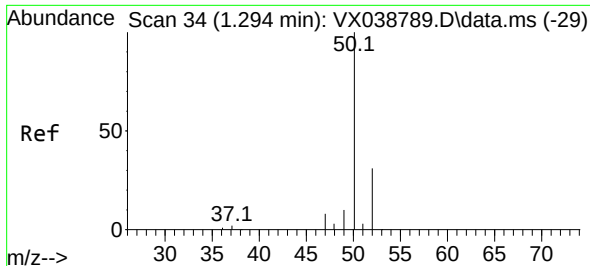
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#2
Dichlorodifluoromethane
Concen: 23.073 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 85 Resp: 32005
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





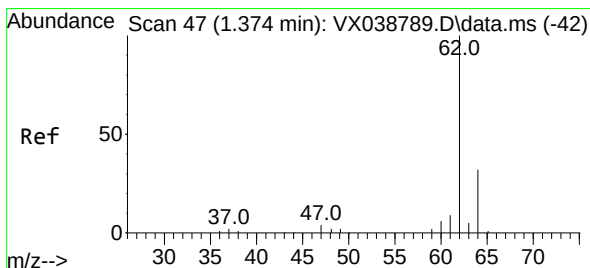
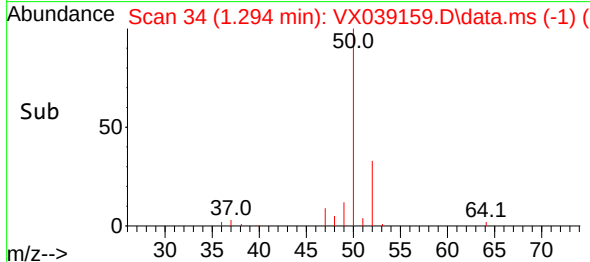
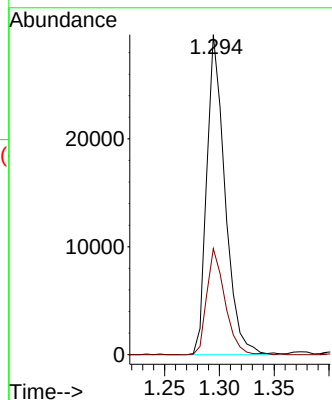
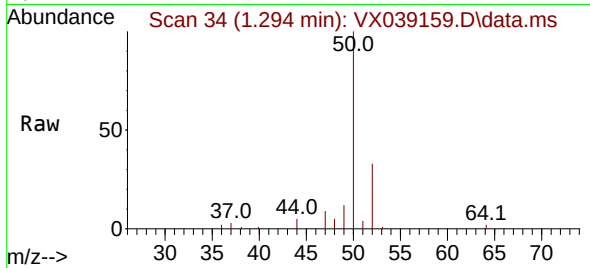
#3
Chloromethane
Concen: 18.958 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 50 Resp: 3432
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

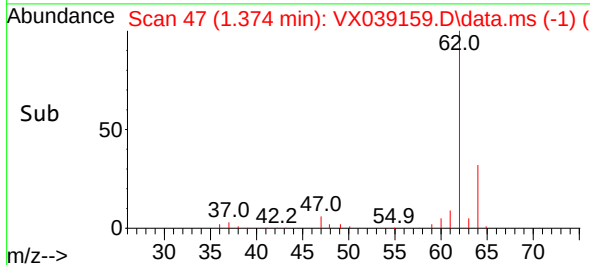
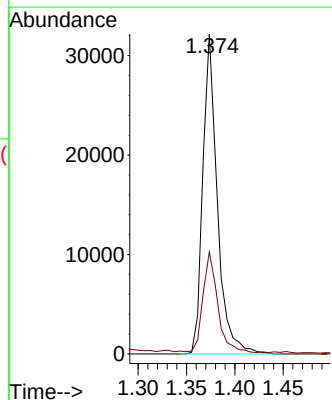
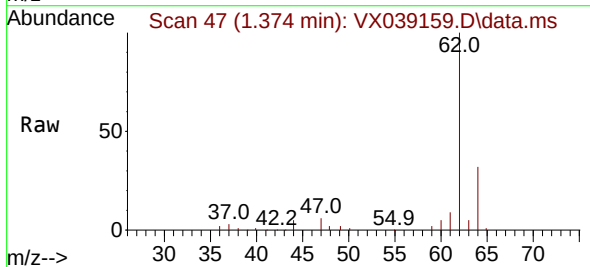
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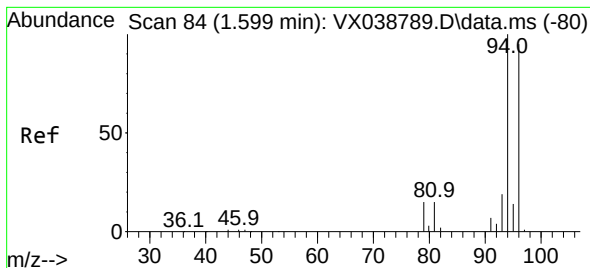
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#4
Vinyl Chloride
Concen: 19.303 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 62 Resp: 33664
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5

Bromomethane

Concen: 30.286 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 94 Resp: 21838

Ion Ratio Lower Upper

94 100

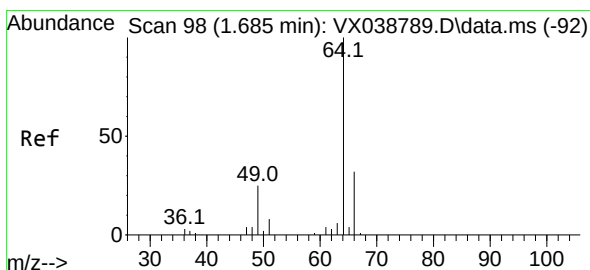
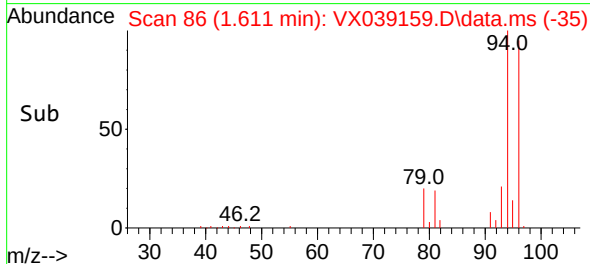
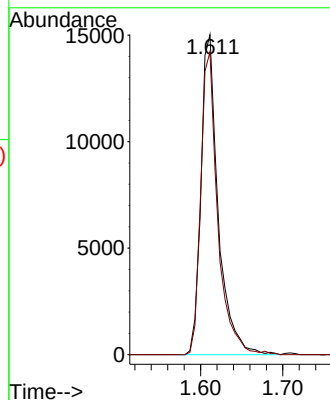
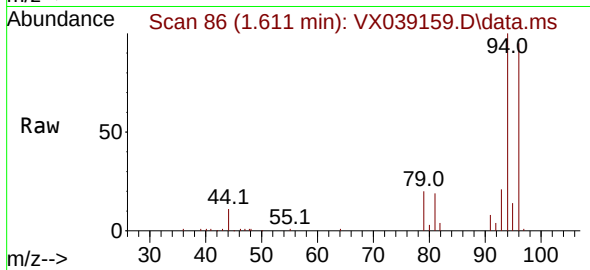
96 94.7 74.6 111.8

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#6

Chloroethane

Concen: 19.721 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX039159.D

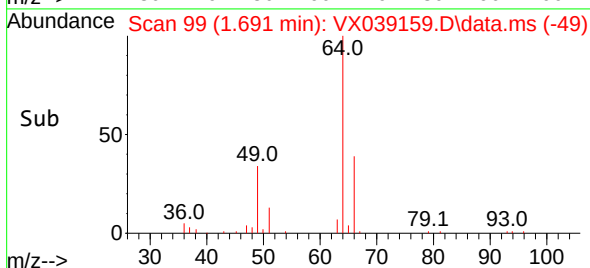
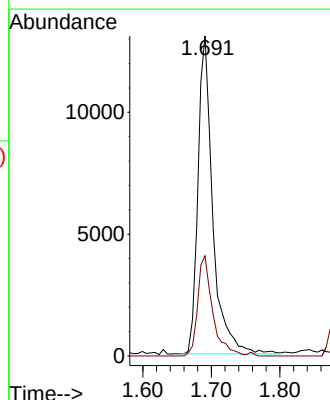
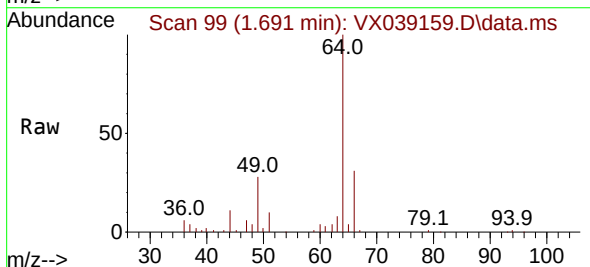
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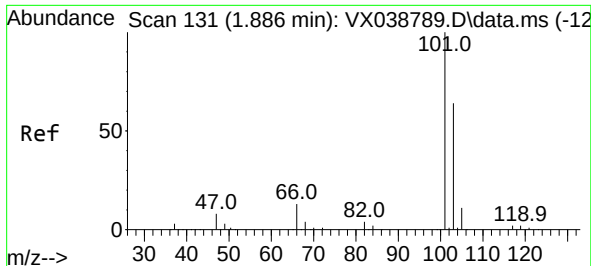
Tgt Ion: 64 Resp: 19627

Ion Ratio Lower Upper

64 100

66 31.5 25.1 37.7





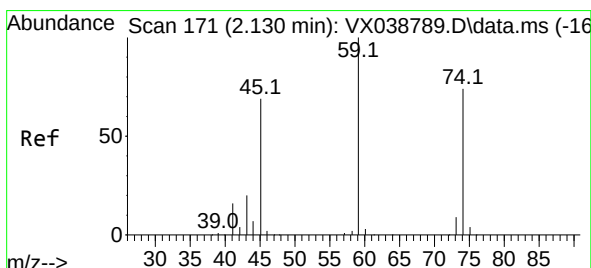
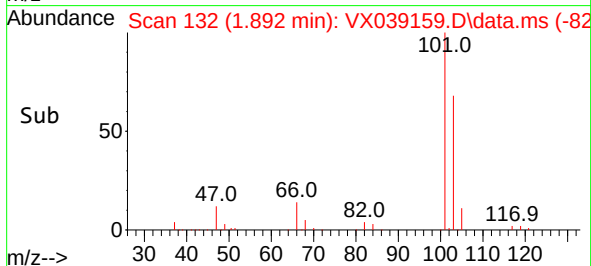
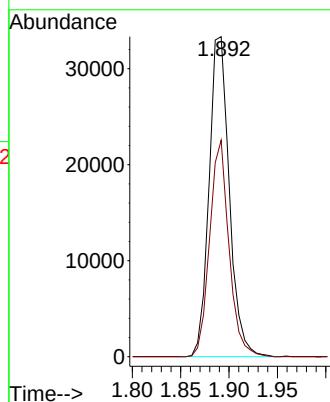
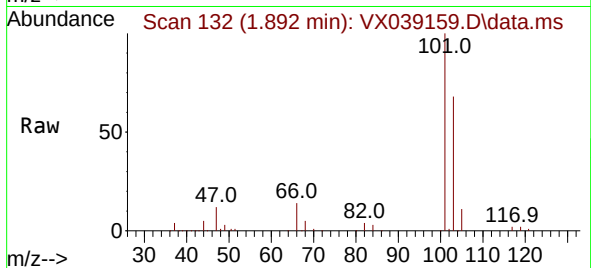
#7
Trichlorofluoromethane
Concen: 21.967 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039159.D
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Instrument :
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Tgt Ion:101 Resp: 4861
Ion Ratio Lower Upper
101 100
103 67.7 51.4 77.2

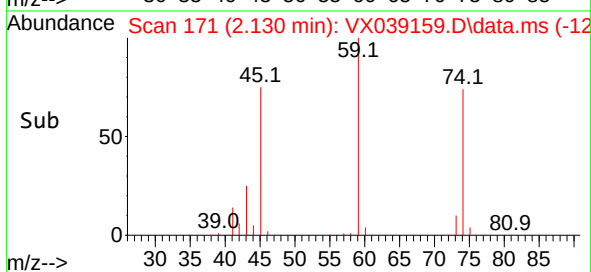
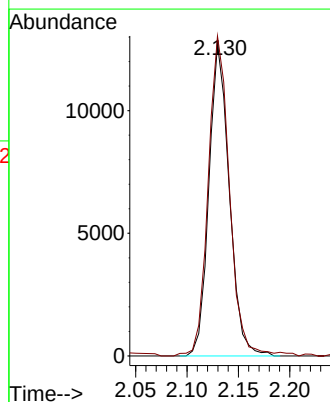
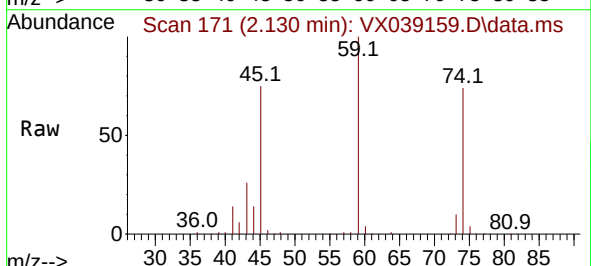
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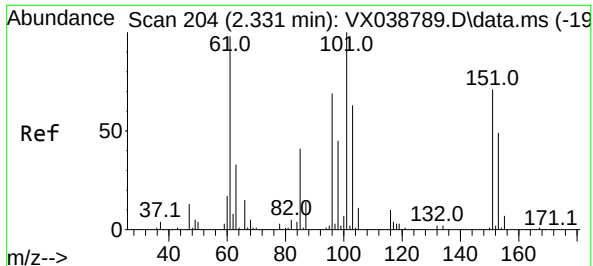
Reviewed By :John Carlone 12/13/2023
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#8
Diethyl Ether
Concen: 18.176 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 74 Resp: 17520
Ion Ratio Lower Upper
74 100
45 107.6 53.3 159.8





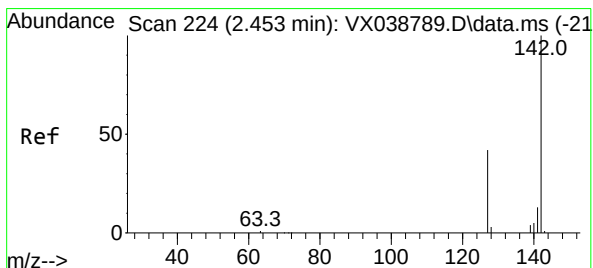
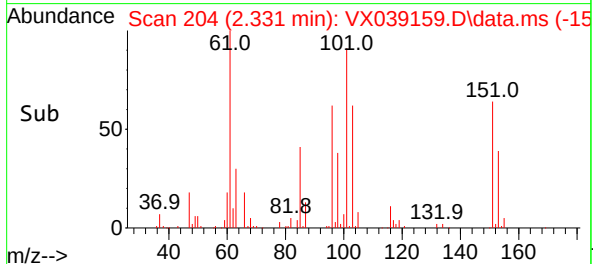
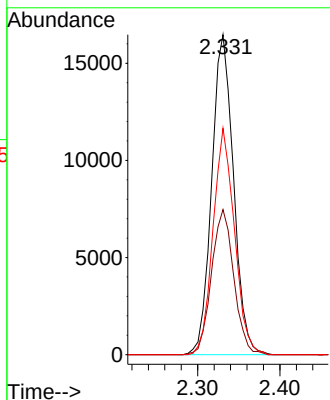
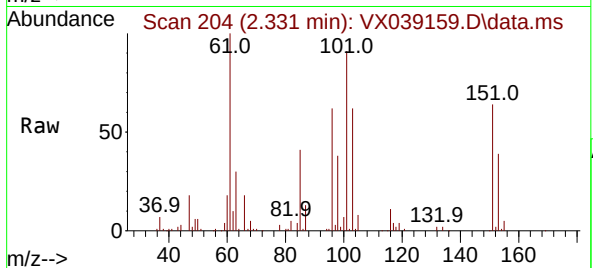
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.687 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion:101 Resp: 3036
Ion Ratio Lower Upper
101 100
85 46.4 37.0 55.6
151 69.6 58.6 87.8

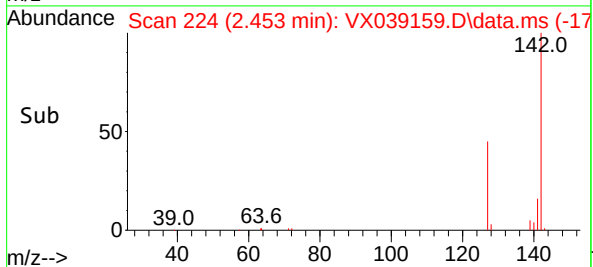
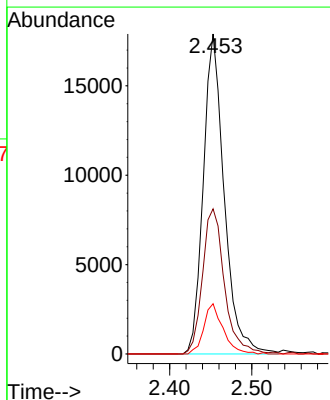
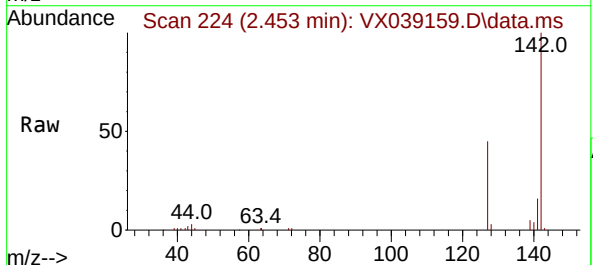
Manual Integrations
APPROVED

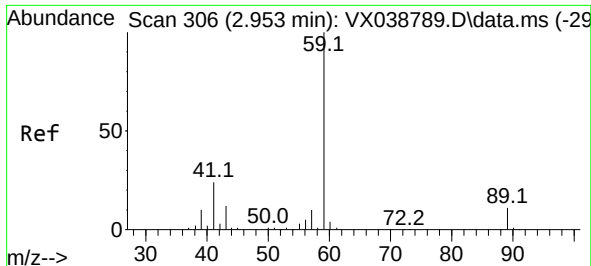
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#10
Methyl Iodide
Concen: 17.713 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

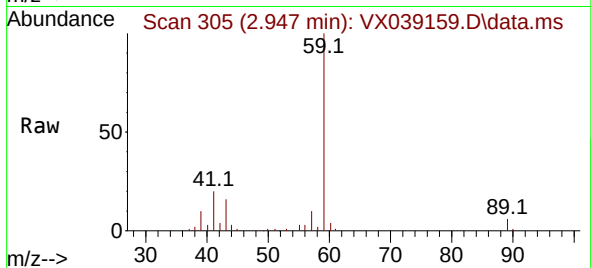
Tgt Ion:142 Resp: 31640
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 93.762 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

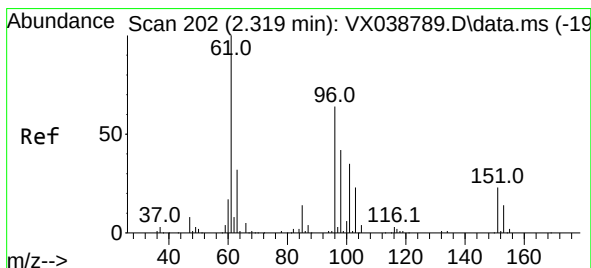
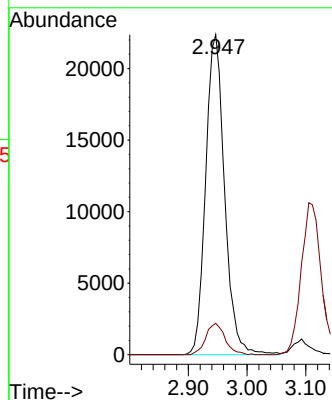
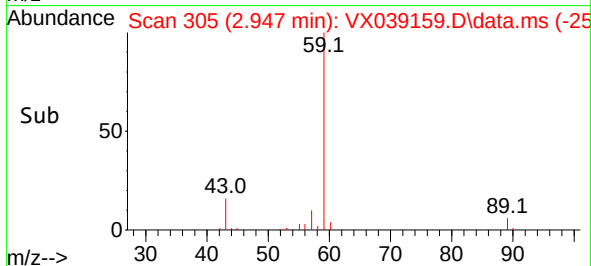
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 59 Resp: 4995
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

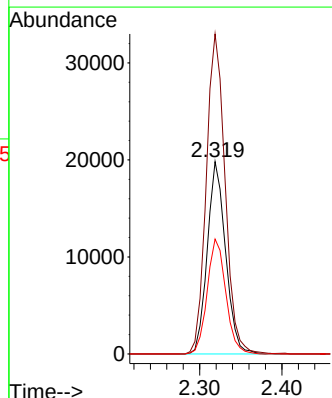
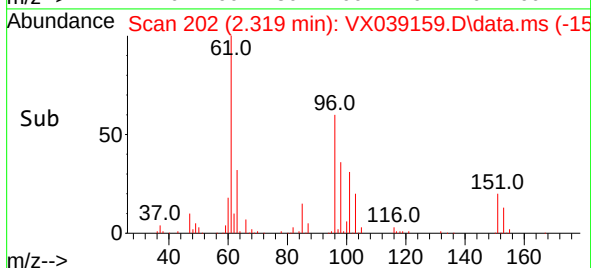
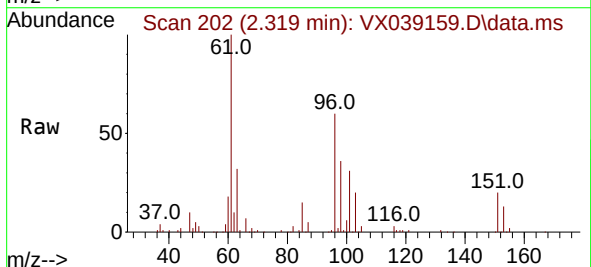
Manual Integrations
APPROVED

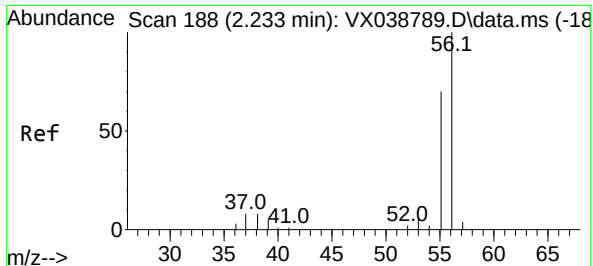
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#12
1,1-Dichloroethene
Concen: 20.696 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

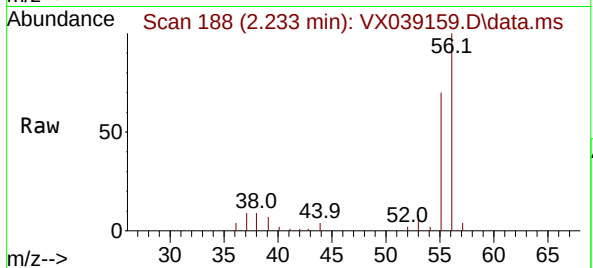
Tgt Ion: 96 Resp: 30665
Ion Ratio Lower Upper
96 100
61 166.5 144.6 216.8
98 59.8 50.4 75.6





#13
Acrolein
Concen: 130.164 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

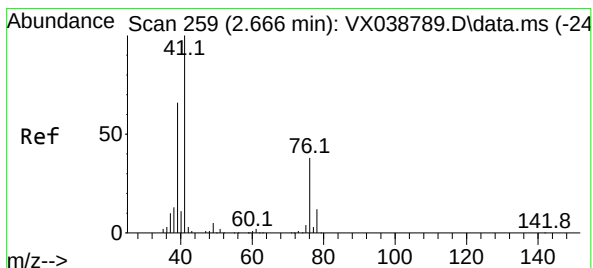
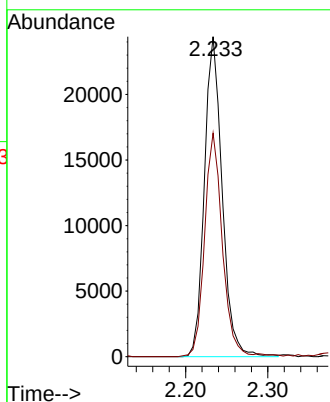
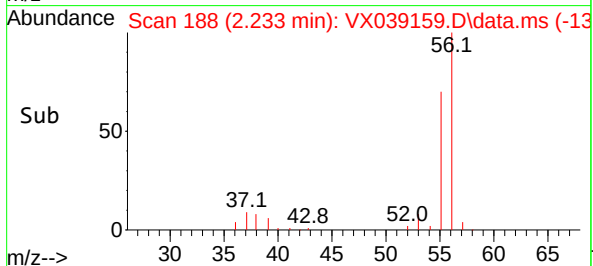
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 56 Resp: 36690
Ion Ratio Lower Upper
56 100
55 69.3 57.1 85.7

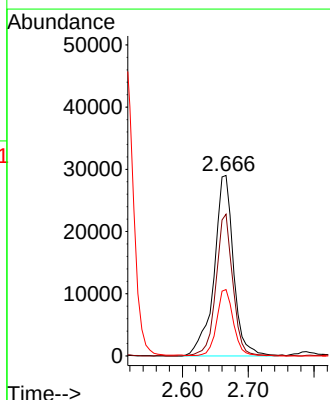
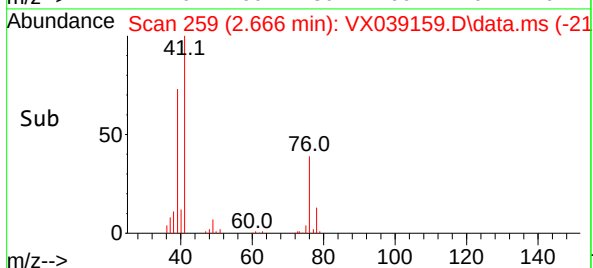
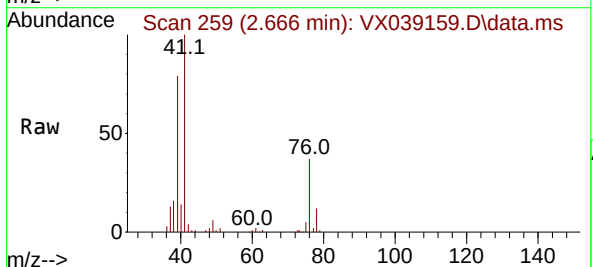
Manual Integrations
APPROVED

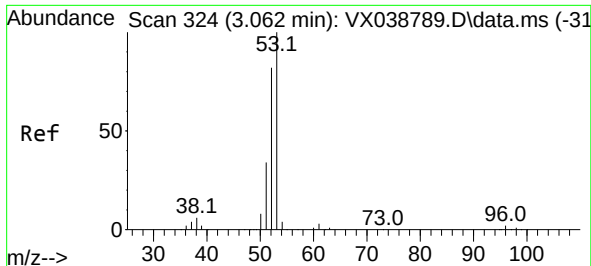
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#14
Allyl chloride
Concen: 20.152 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

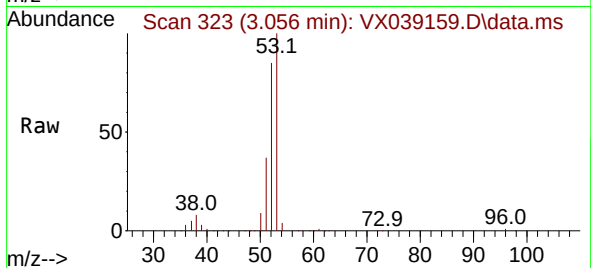
Tgt Ion: 41 Resp: 59782
Ion Ratio Lower Upper
41 100
39 68.2 55.8 83.6
76 31.7 24.3 36.5





#15
Acrylonitrile
Concen: 97.063 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

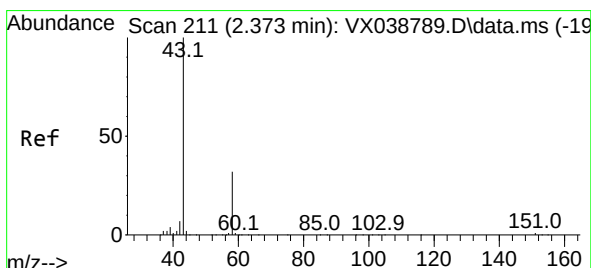
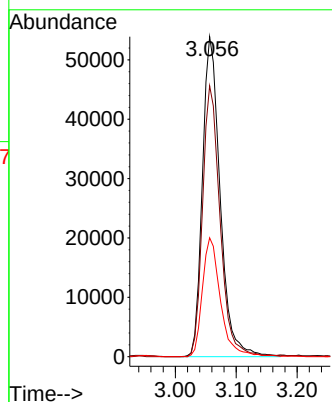
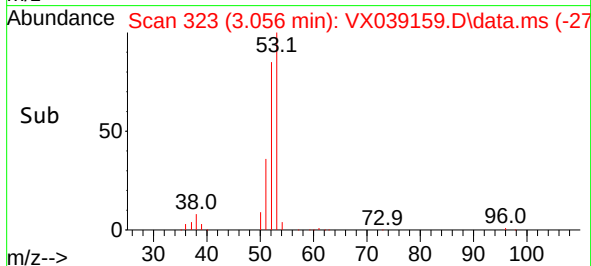
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 53 Resp: 10927
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 38.0 29.8 44.6

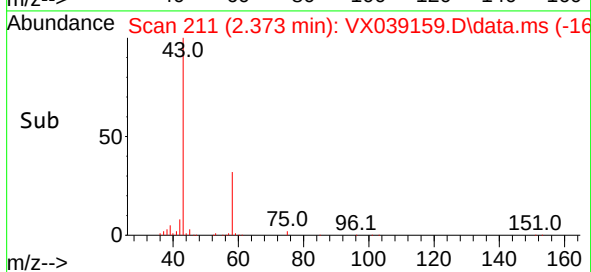
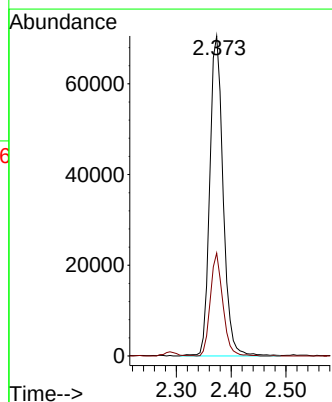
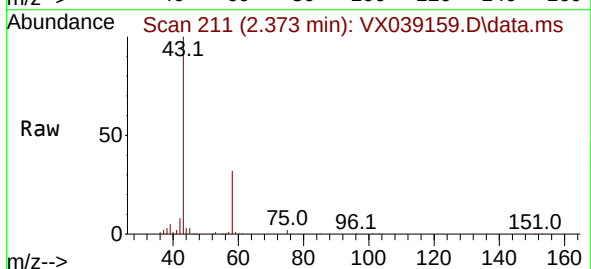
Manual Integrations
APPROVED

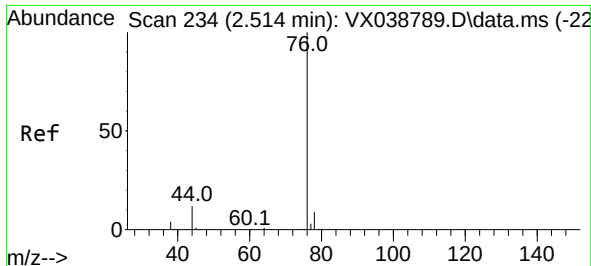
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#16
Acetone
Concen: 116.499 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 43 Resp: 118799
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9





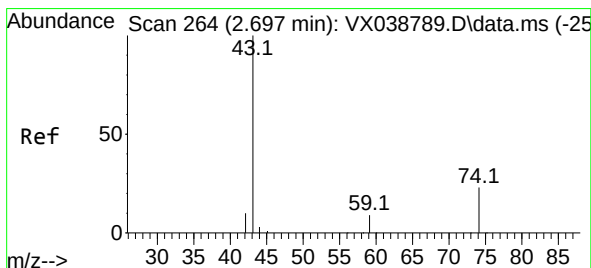
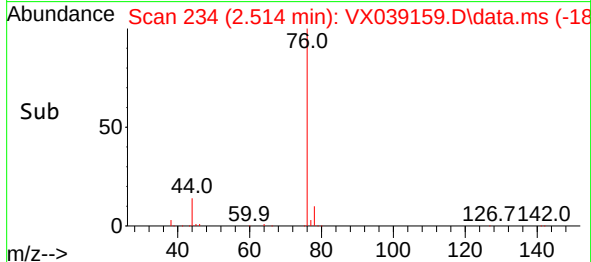
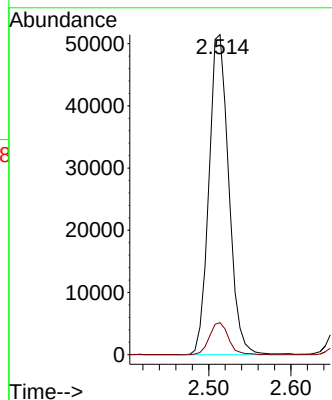
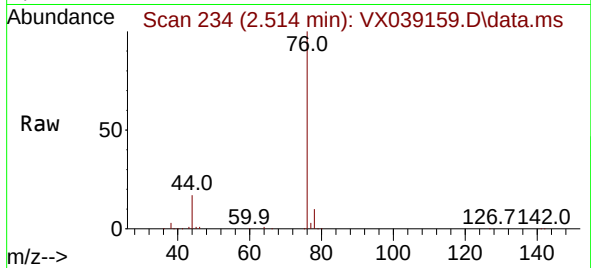
#17
Carbon Disulfide
Concen: 18.738 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 76 Resp: 86000
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6

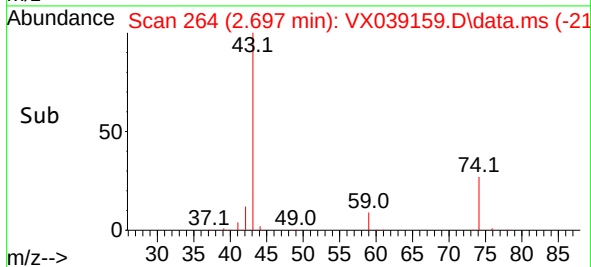
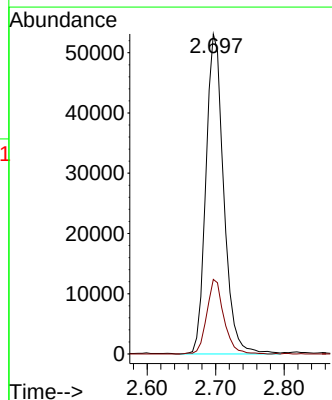
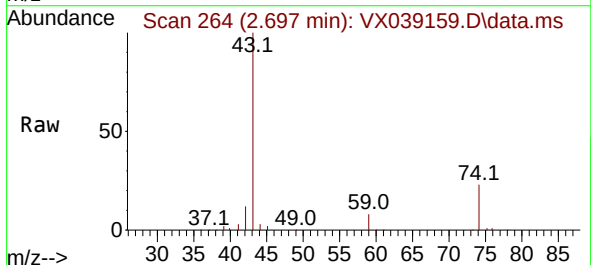
Manual Integrations
APPROVED

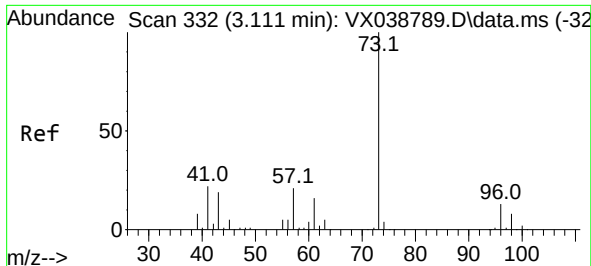
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#18
Methyl Acetate
Concen: 19.871 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

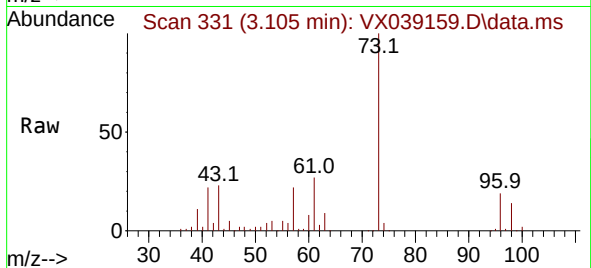
Tgt Ion: 43 Resp: 96247
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 21.684 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

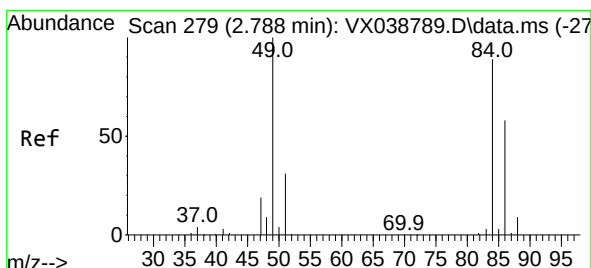
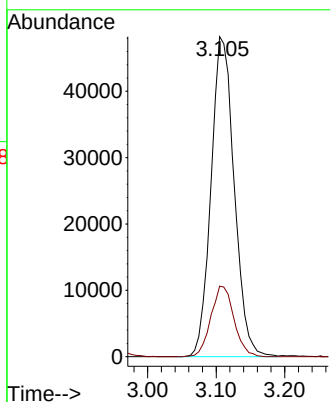
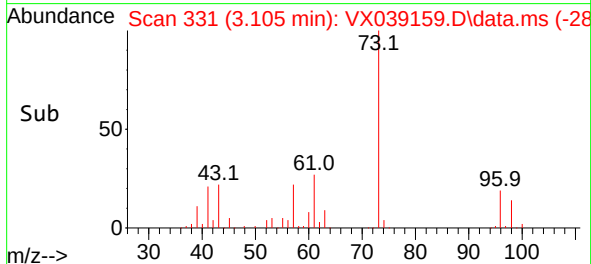
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 73 Resp: 113004
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

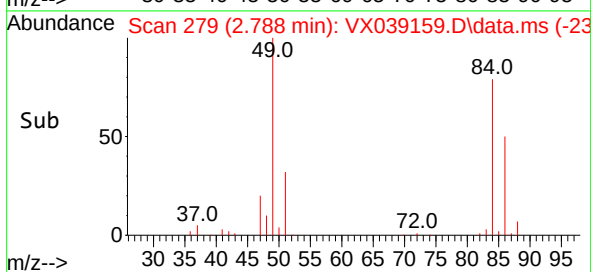
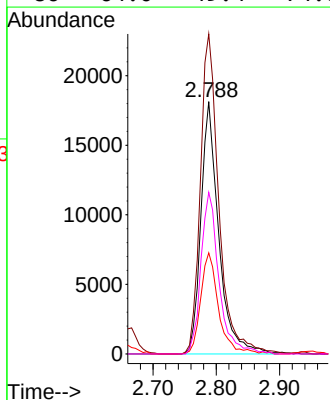
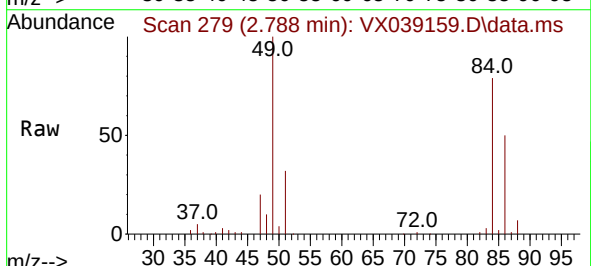
Manual Integrations
APPROVED

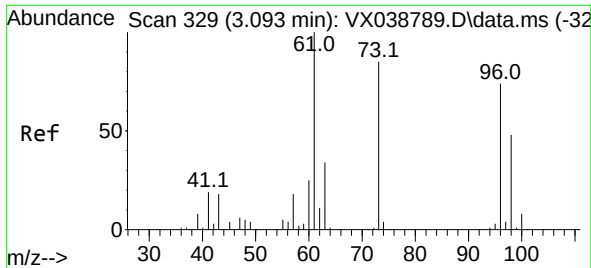
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#20
Methylene Chloride
Concen: 19.416 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

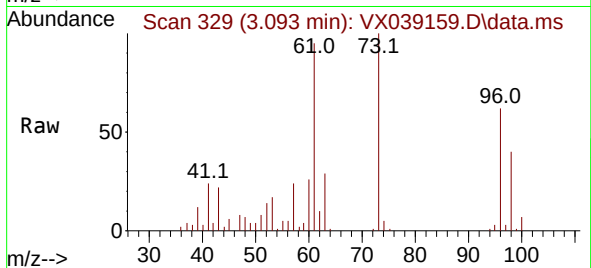
Tgt Ion: 84 Resp: 35692
Ion Ratio Lower Upper
84 100
49 126.8 103.6 155.4
51 40.0 33.8 50.6
86 64.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.001 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

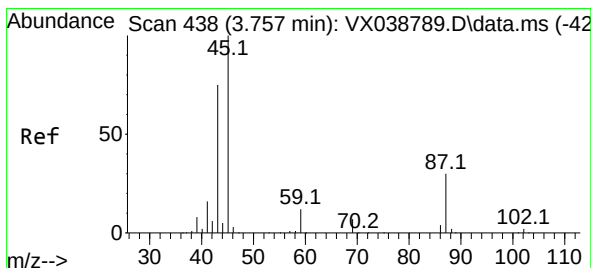
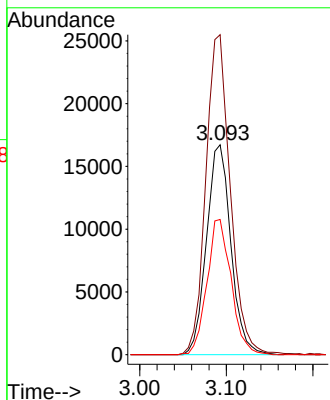
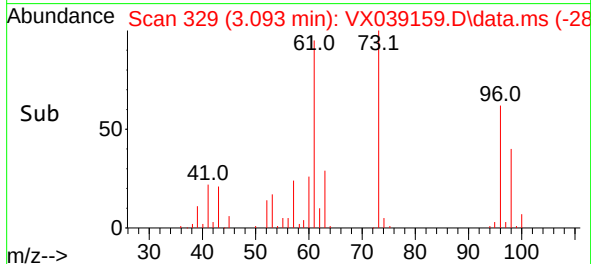
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



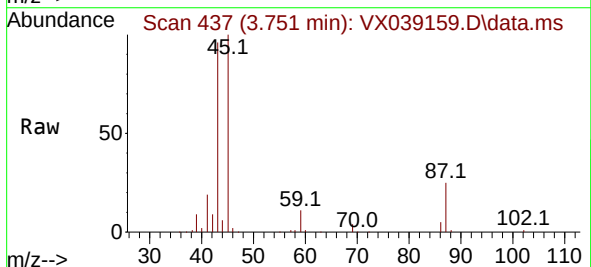
Tgt Ion: 96 Resp: 32700
Ion Ratio Lower Upper
96 100
61 152.5 119.2 178.8
98 64.4 48.7 73.1

Manual Integrations
APPROVED

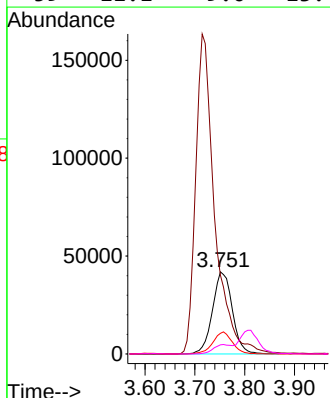
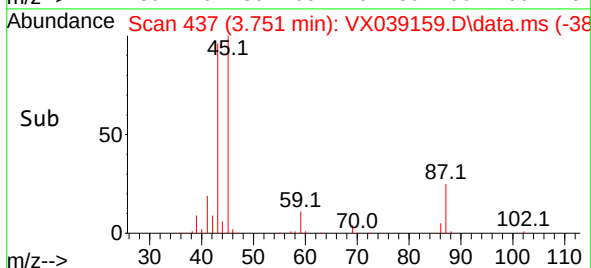
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

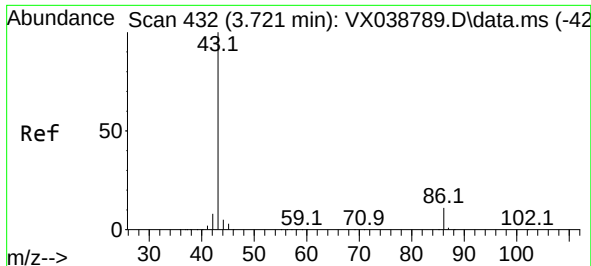


#22
Diisopropyl ether
Concen: 21.309 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45



Tgt Ion: 45 Resp: 115968
Ion Ratio Lower Upper
45 100
43 96.1 69.7 104.5
87 25.2 20.8 31.2
59 11.1 9.0 13.4





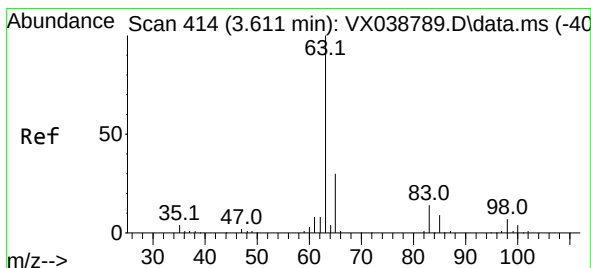
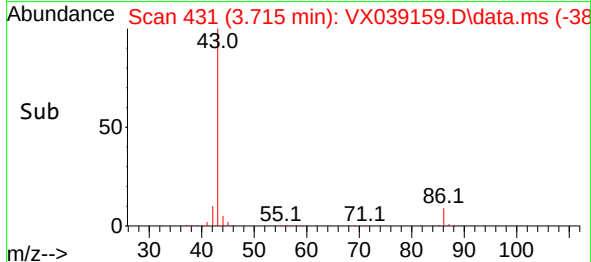
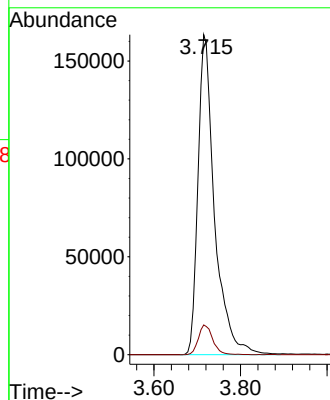
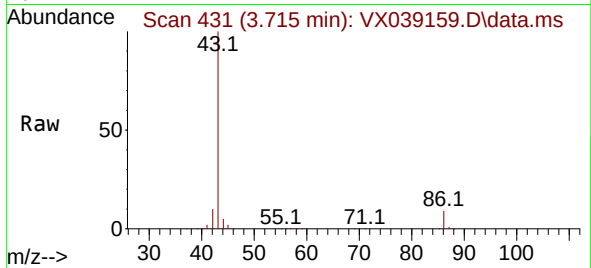
#23
 Vinyl Acetate
 Concen: 110.868 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039159.D
 Acq: 12 Dec 2023 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01

Tgt Ion: 43 Resp: 43455
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

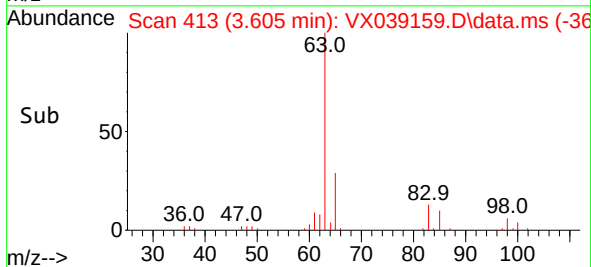
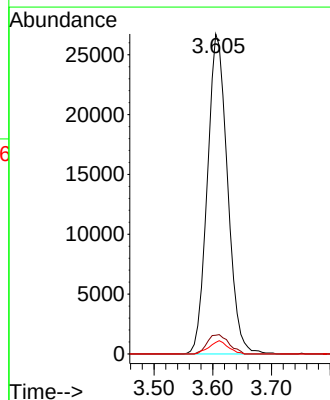
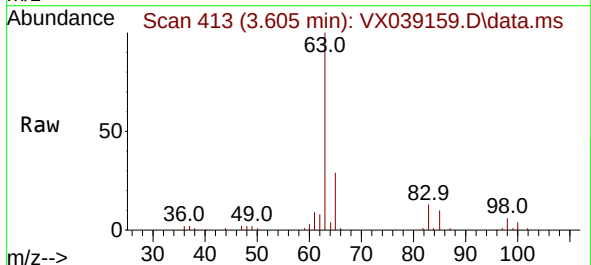
Manual Integrations
 APPROVED

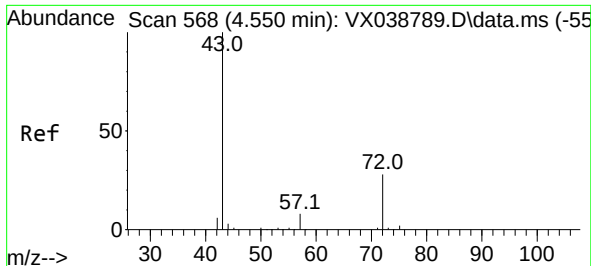
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 20.932 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039159.D
 Acq: 12 Dec 2023 12:45

Tgt Ion: 63 Resp: 63705
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 3.6 2.1 6.5





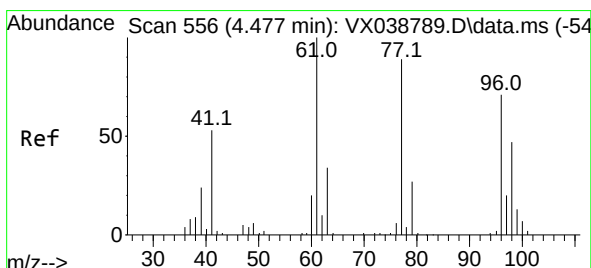
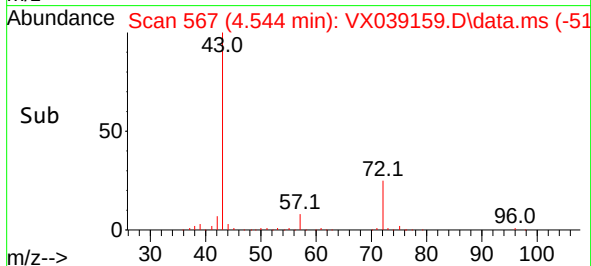
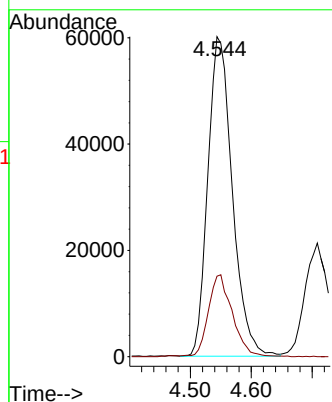
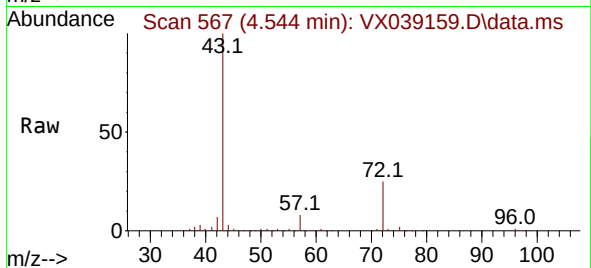
#25
2-Butanone
Concen: 101.572 ug/l
RT: 4.544 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 43 Resp: 167964
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

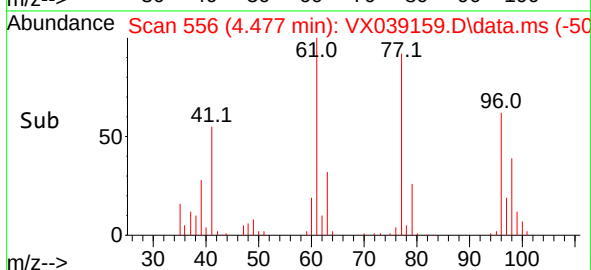
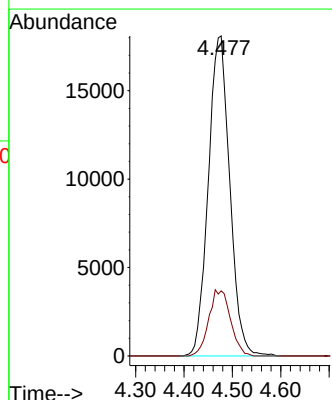
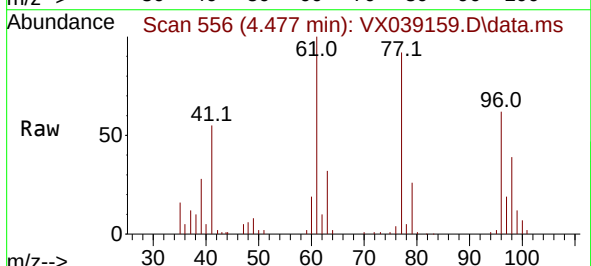
Manual Integrations
APPROVED

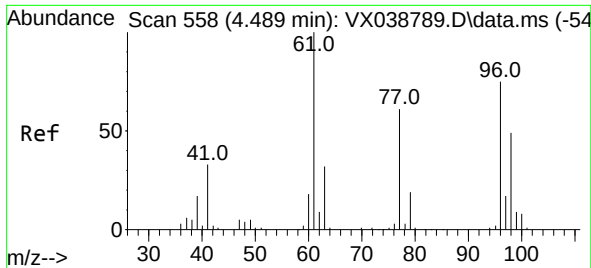
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#26
2,2-Dichloropropane
Concen: 21.119 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 77 Resp: 55753
Ion Ratio Lower Upper
77 100
97 20.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.520 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 96 Resp: 37200

Ion Ratio Lower Upper

96 100

61 162.5 0.0 312.2

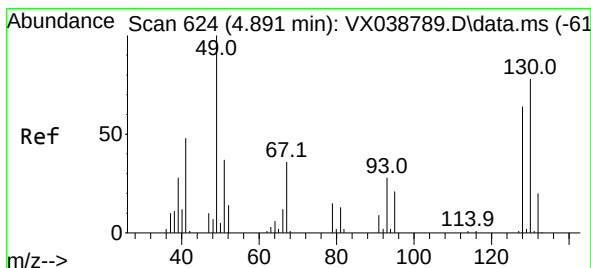
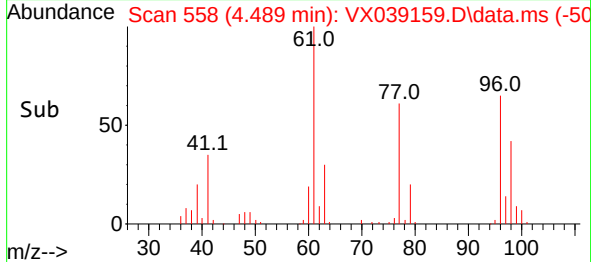
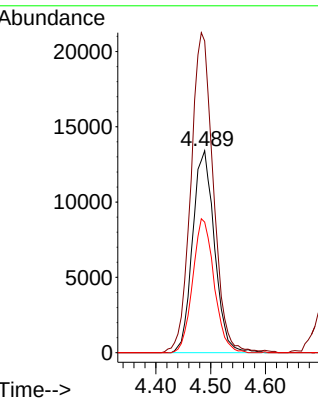
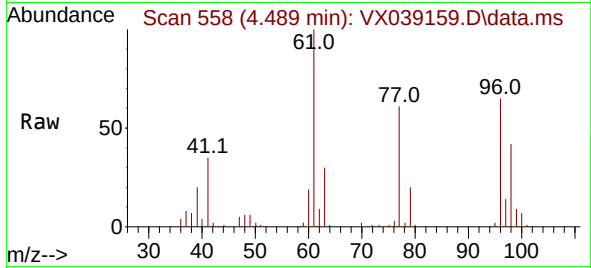
98 64.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#28

Bromochloromethane

Concen: 19.682 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

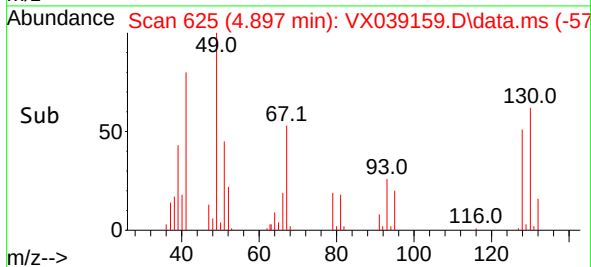
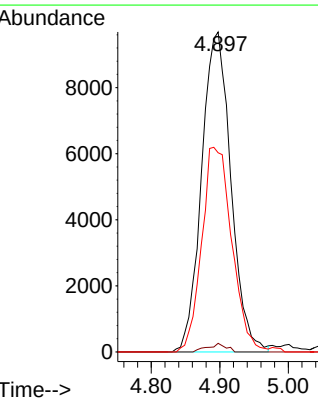
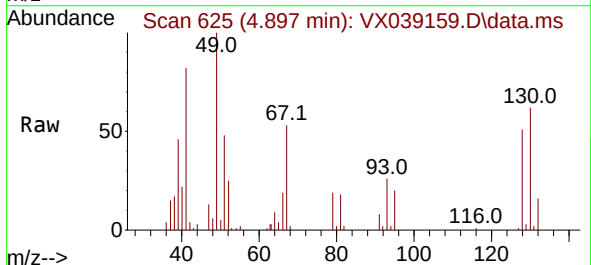
Tgt Ion: 49 Resp: 28759

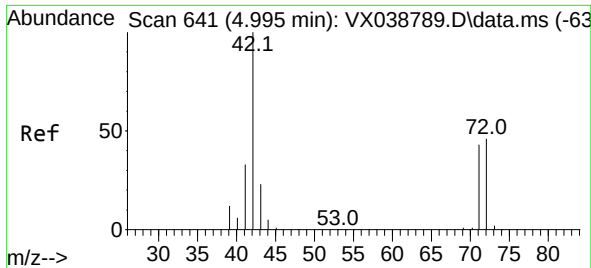
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

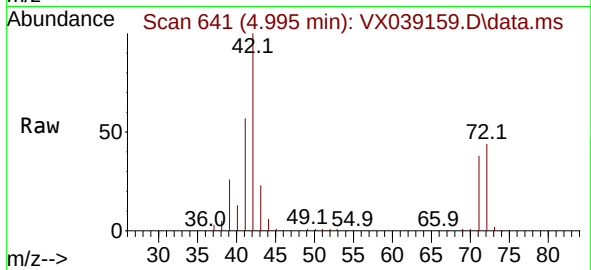
130 65.7 57.5 86.3





#29
Tetrahydrofuran
Concen: 97.257 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

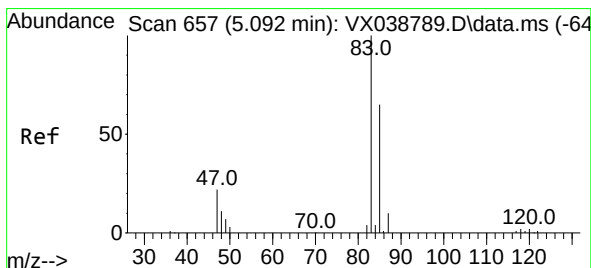
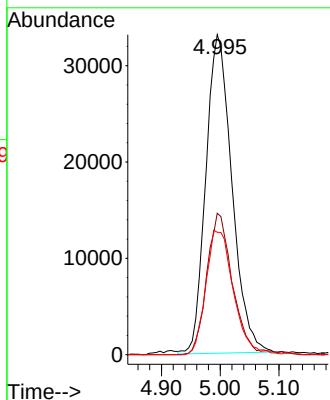
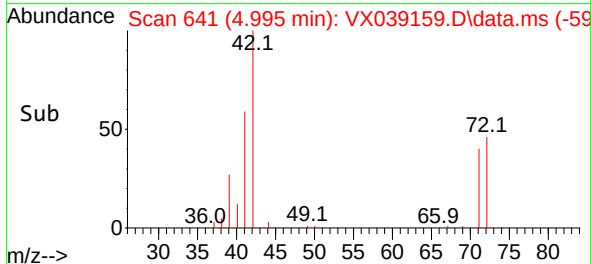
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 42 Resp: 102117
Ion Ratio Lower Upper
42 100
72 44.0 34.2 51.4
71 41.0 32.2 48.2

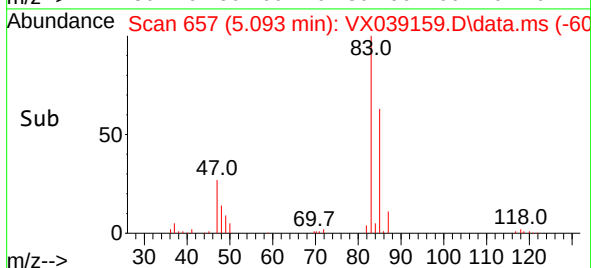
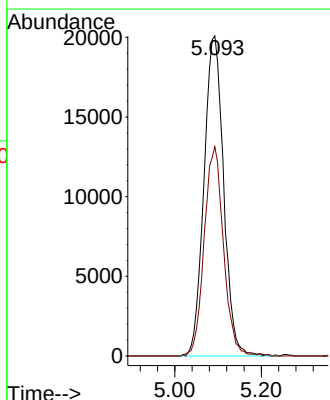
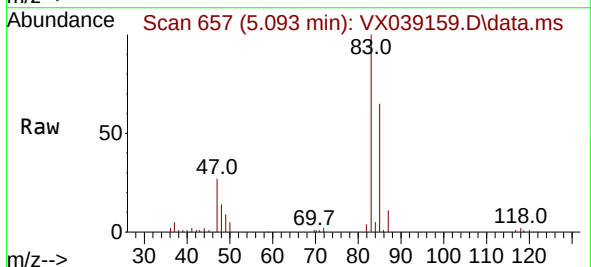
Manual Integrations
APPROVED

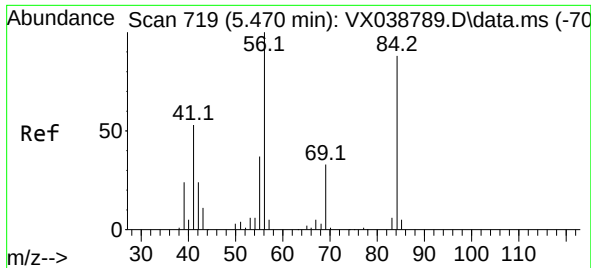
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#30
Chloroform
Concen: 21.311 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

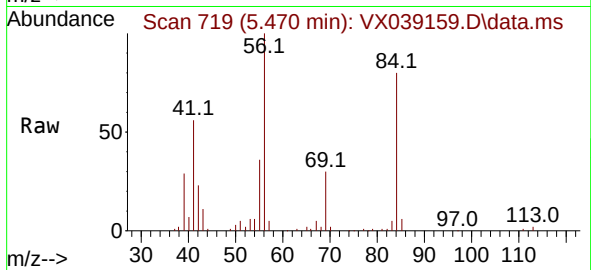
Tgt Ion: 83 Resp: 63332
Ion Ratio Lower Upper
83 100
85 65.4 50.3 75.5





#31
Cyclohexane
Concen: 20.923 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

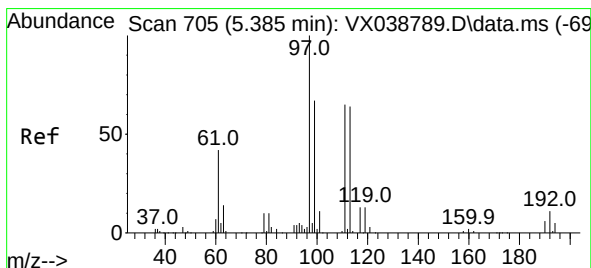
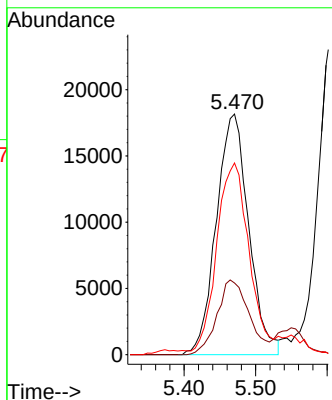
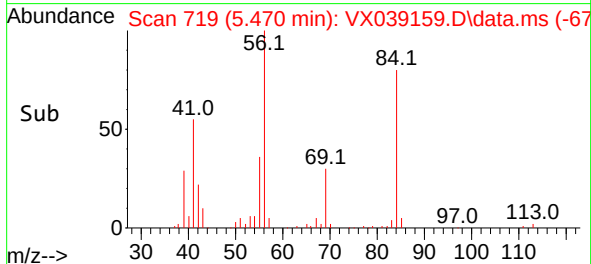
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 56 Resp: 5722
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 78.1 65.9 98.9

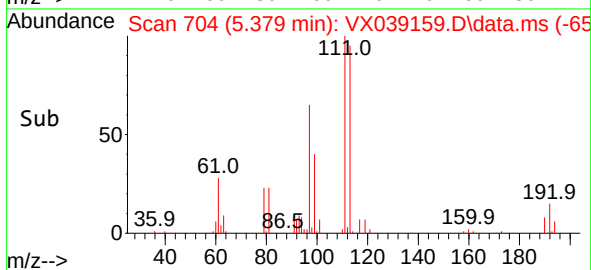
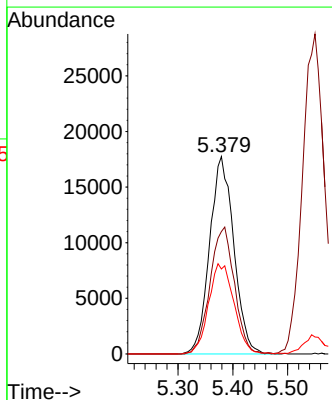
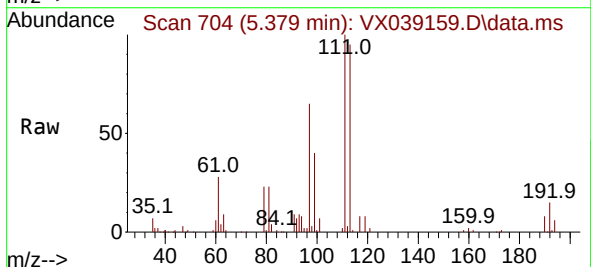
Manual Integrations
APPROVED

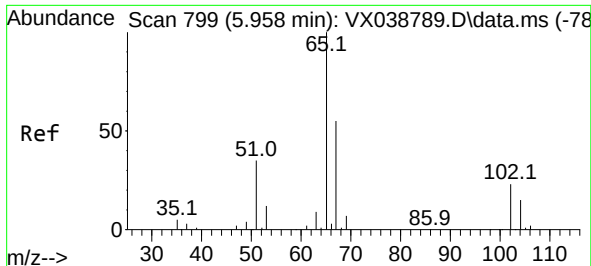
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#32
1,1,1-Trichloroethane
Concen: 21.113 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 97 Resp: 54345
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 48.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 55.684 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 65 Resp: 10666

Ion Ratio Lower Upper

65 100

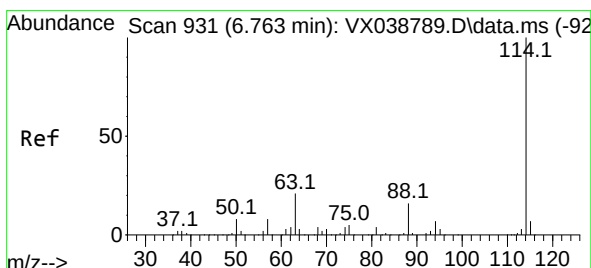
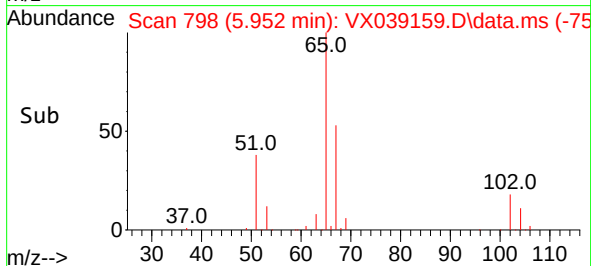
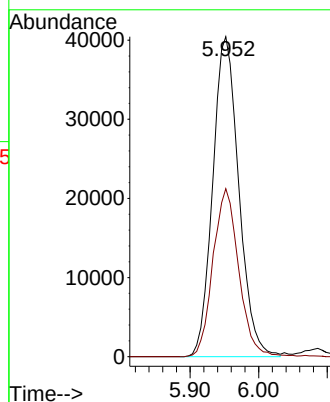
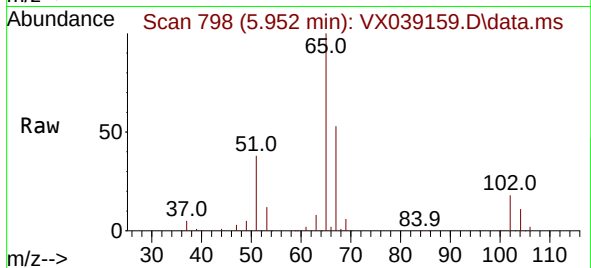
67 51.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

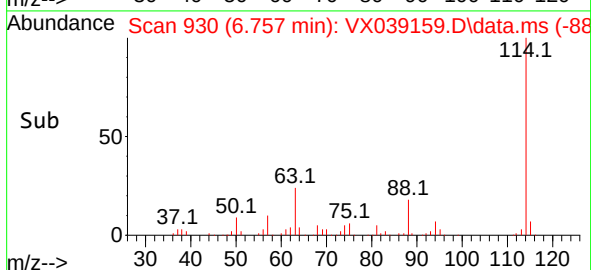
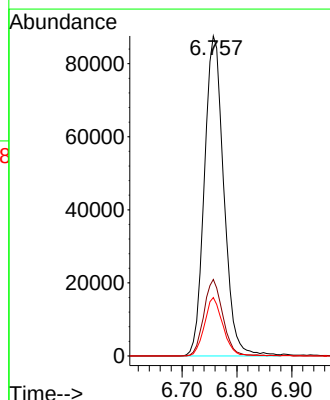
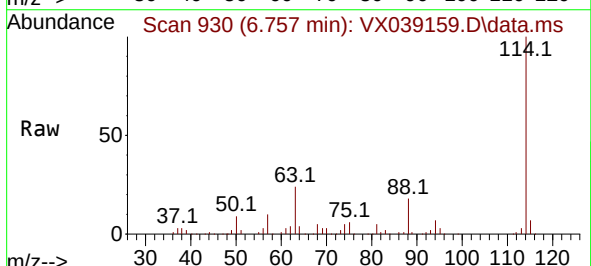
Tgt Ion:114 Resp: 215403

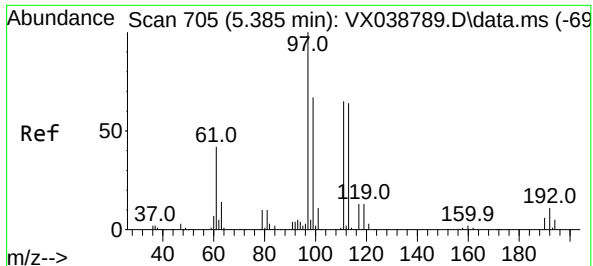
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 18.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.439 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 113 Resp: 78468

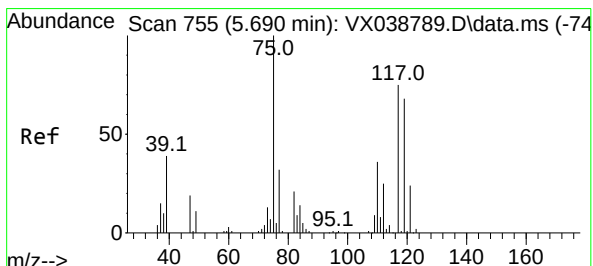
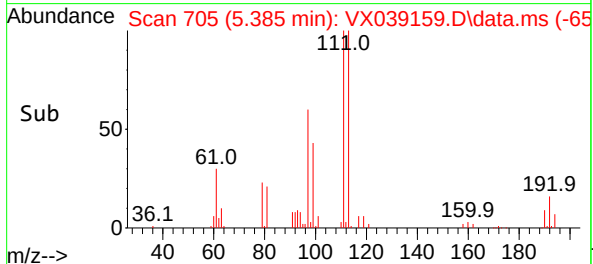
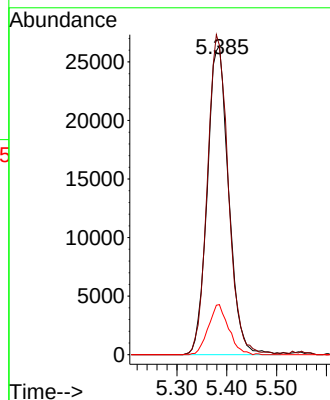
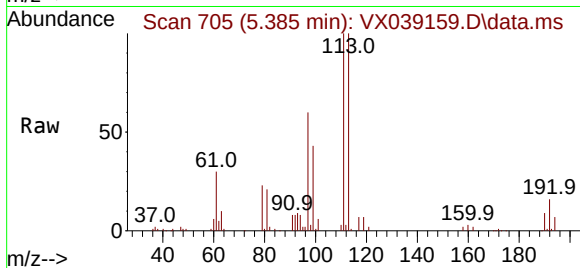
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	15.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#36

1,1-Dichloropropene

Concen: 21.513 ug/l

RT: 5.690 min Scan# 755

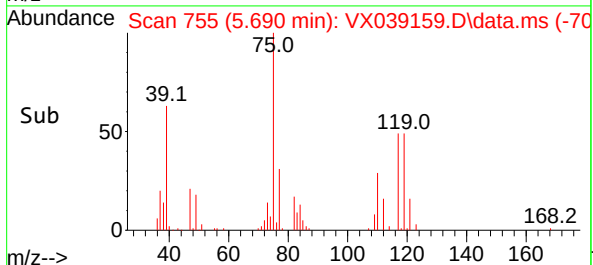
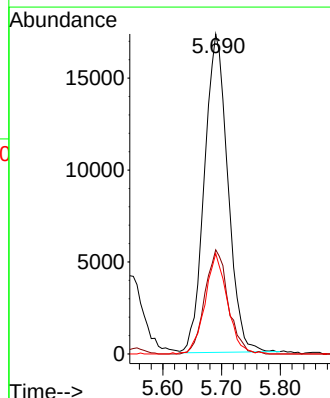
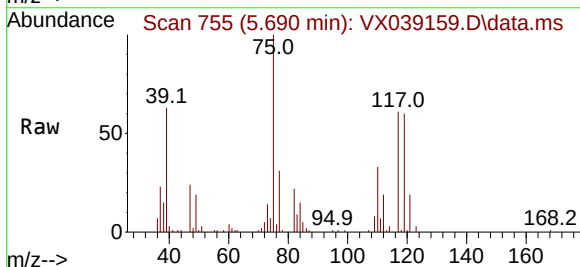
Delta R.T. 0.000 min

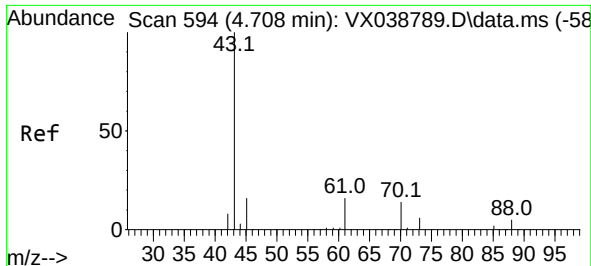
Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Tgt Ion: 75 Resp: 47966

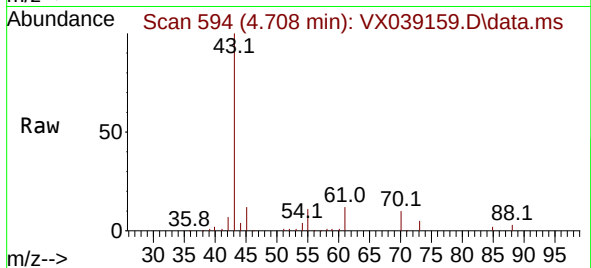
Ion	Ratio	Lower	Upper
75	100		
110	32.6	17.0	50.9
77	30.0	24.7	37.1





#37
Ethyl Acetate
Concen: 20.994 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

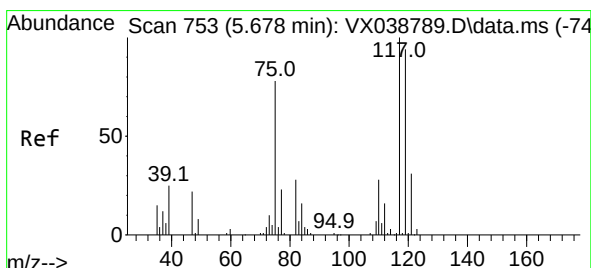
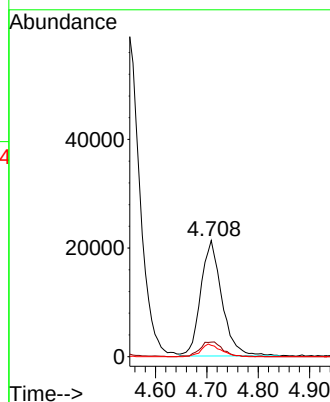
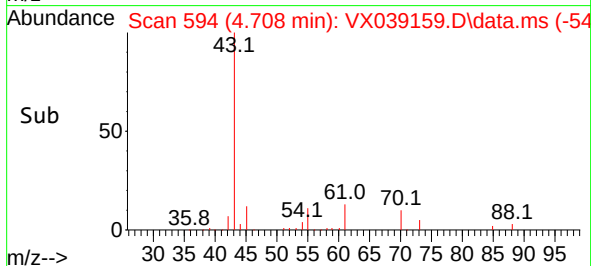
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 43 Resp: 60985
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 10.2 8.3 12.5

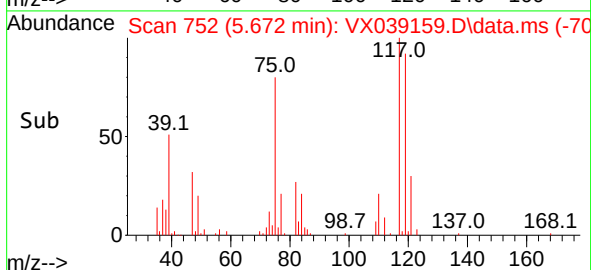
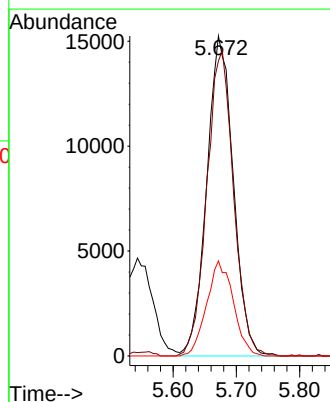
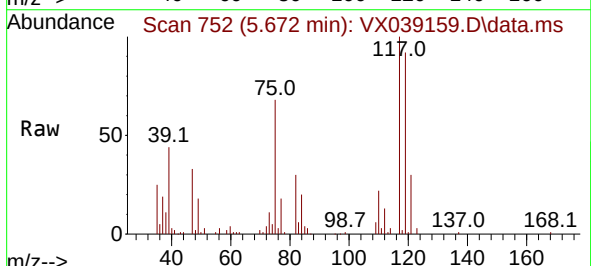
Manual Integrations
APPROVED

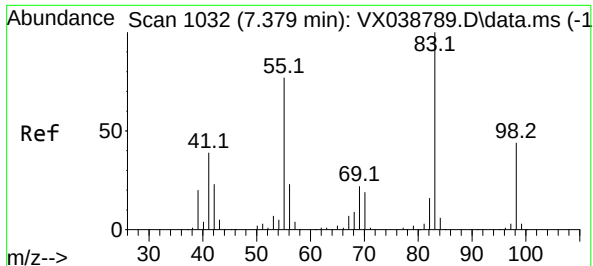
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#38
Carbon Tetrachloride
Concen: 21.579 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

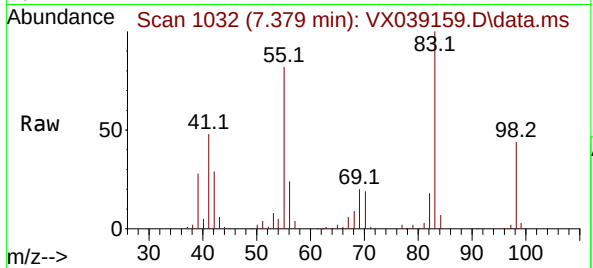
Tgt Ion:117 Resp: 44468
Ion Ratio Lower Upper
117 100
119 92.2 78.2 117.2
121 29.7 24.4 36.6





#39
Methylcyclohexane
Concen: 20.295 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

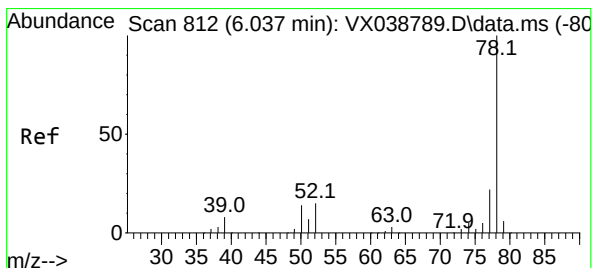
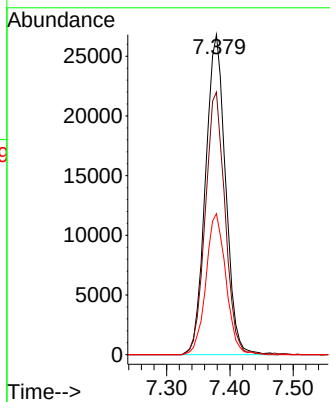
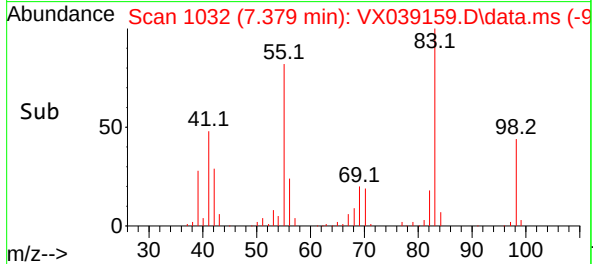
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 83 Resp: 5902
Ion Ratio Lower Upper
83 100
55 82.1 64.6 97.0
98 44.1 36.7 55.1

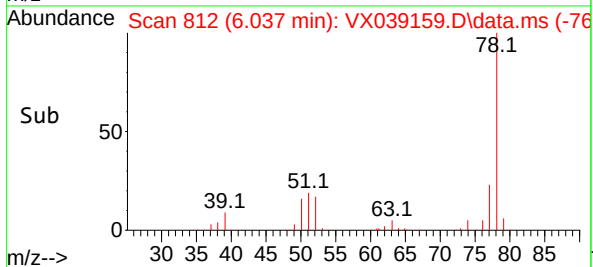
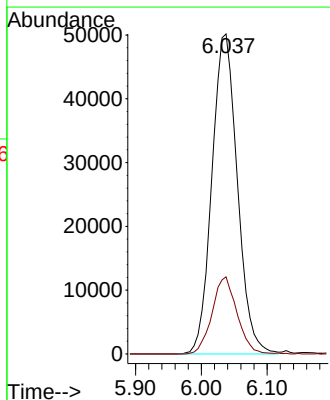
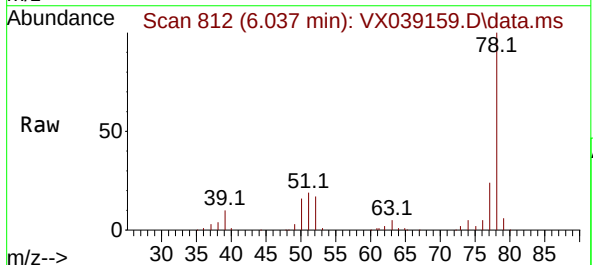
Manual Integrations
APPROVED

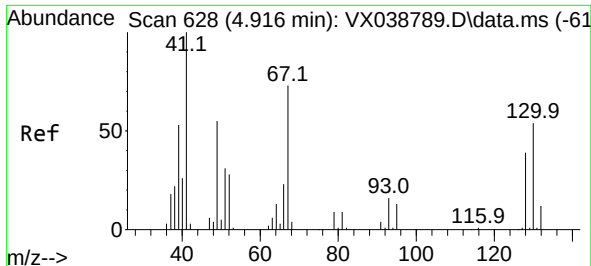
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#40
Benzene
Concen: 20.500 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 78 Resp: 135193
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 22.715 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

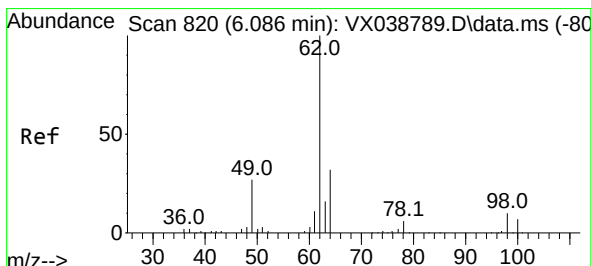
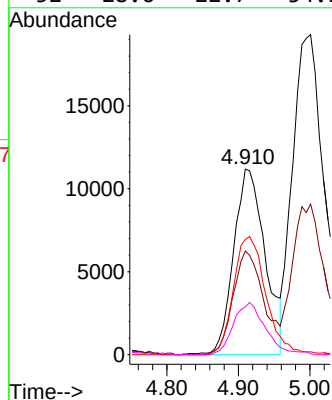
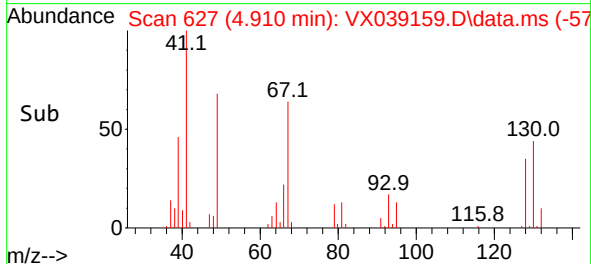
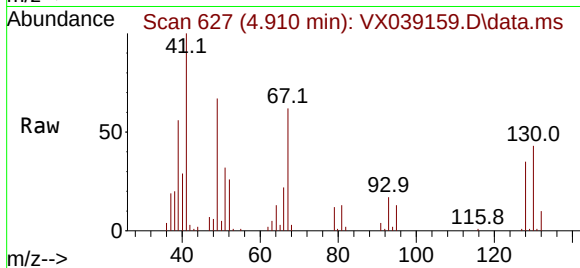
Tgt Ion: 41 Resp: 3422
Ion Ratio Lower Upper
41 100
39 54.7 45.2 67.8
67 65.8 52.6 78.8
52 28.6 22.7 34.1

Manual Integrations

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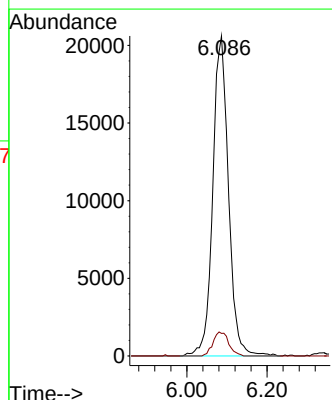
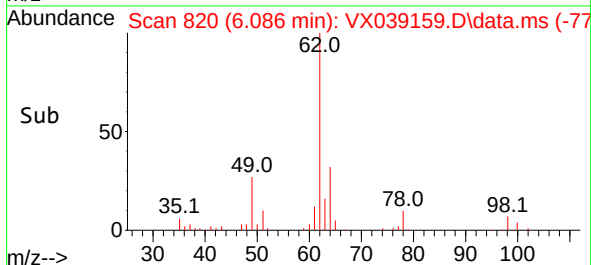
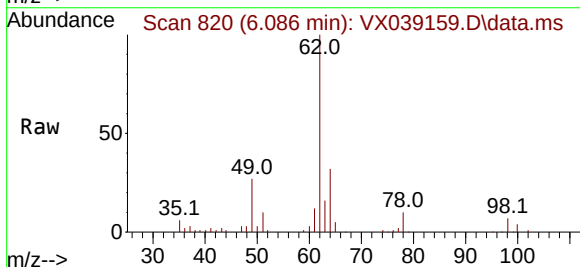
Reviewed By :John Carlone 12/13/2023

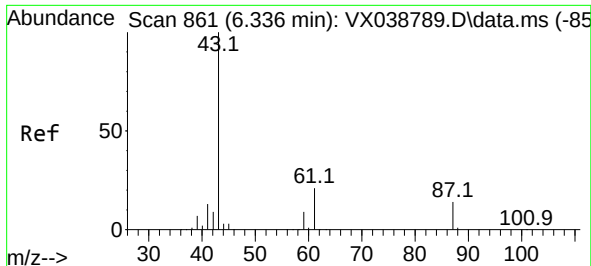
Supervised By :Mahesh Dadoda 12/13/2023



#42
1,2-Dichloroethane
Concen: 25.611 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 62 Resp: 55958
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 21.137 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 43 Resp: 98130

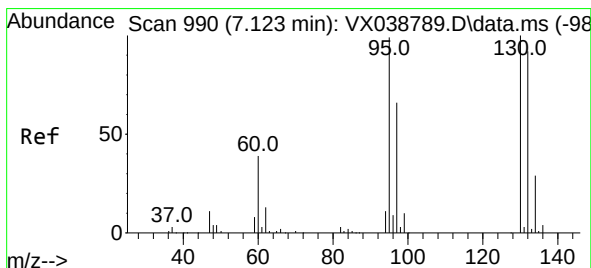
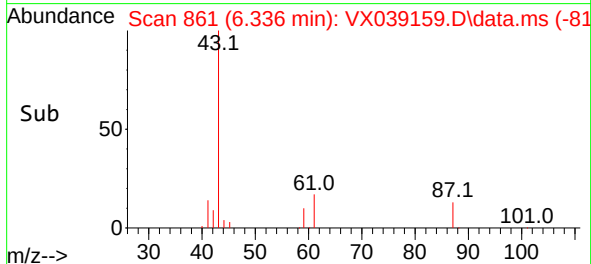
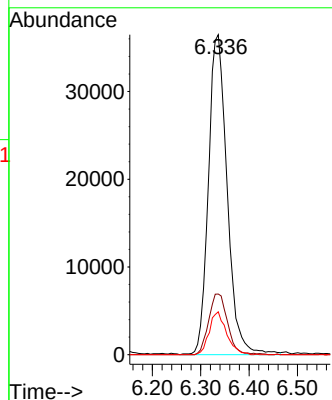
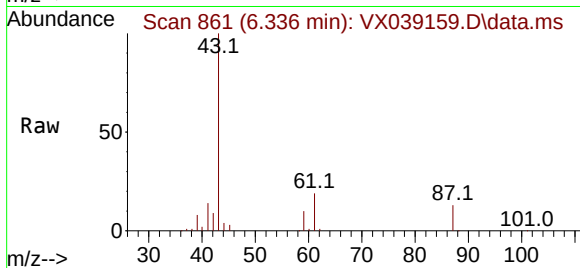
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.4	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#44

Trichloroethene

Concen: 21.085 ug/l

RT: 7.123 min Scan# 990

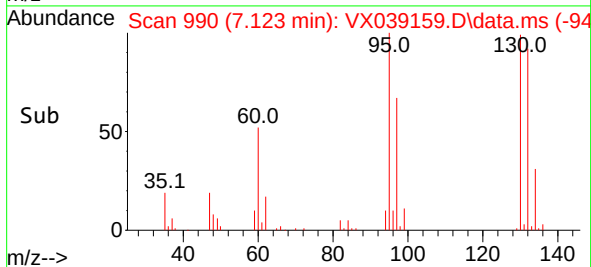
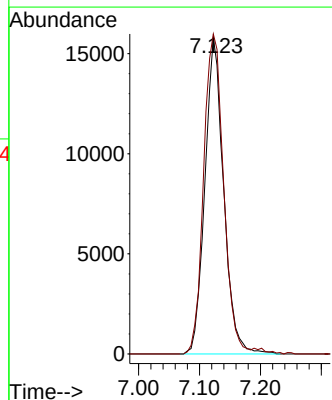
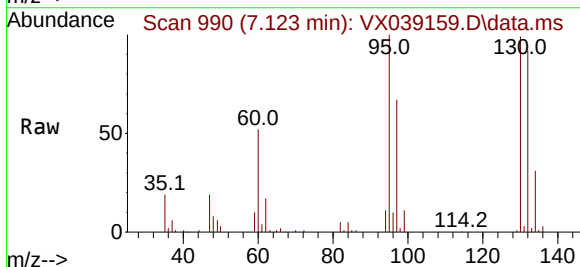
Delta R.T. 0.000 min

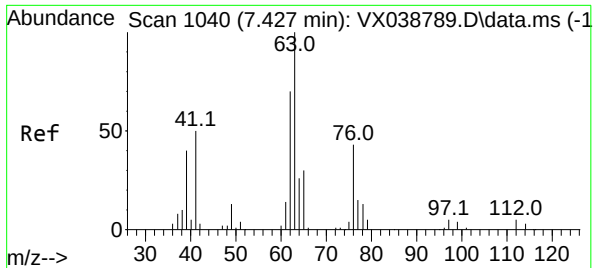
Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Tgt Ion:130 Resp: 33845

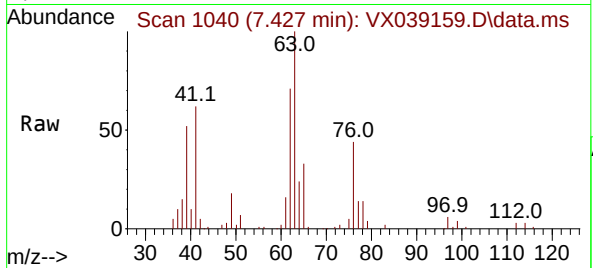
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	204.4





#45
1,2-Dichloropropane
Concen: 21.000 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

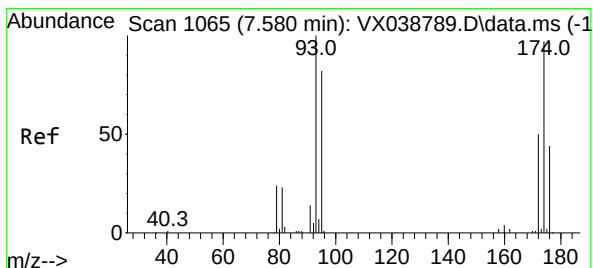
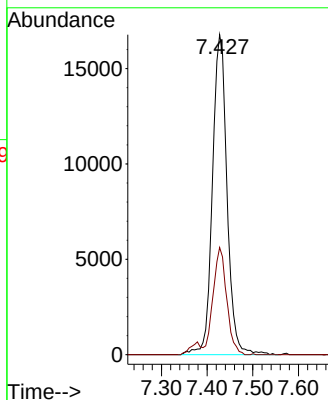
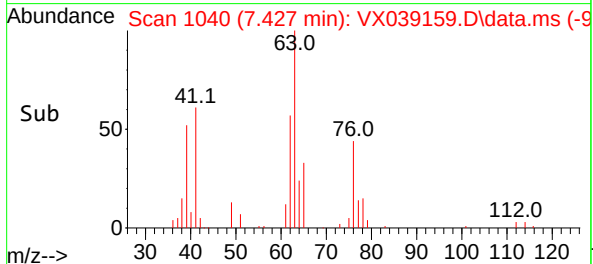
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 63 Resp: 37269
Ion Ratio Lower Upper
63 100
65 33.5 24.3 36.5

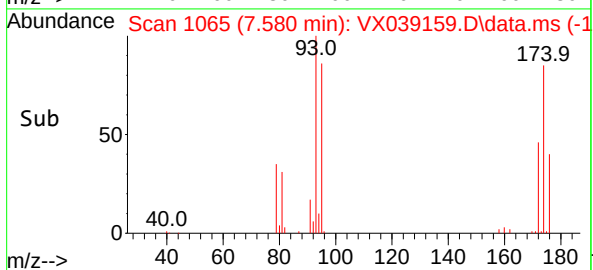
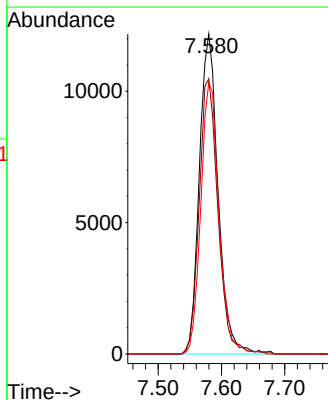
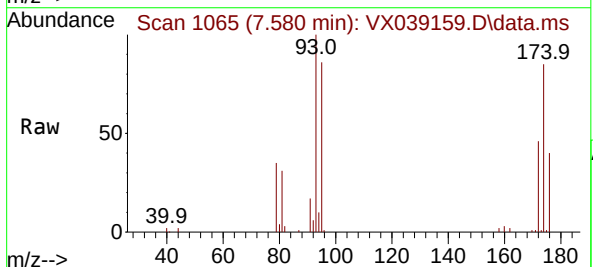
Manual Integrations
APPROVED

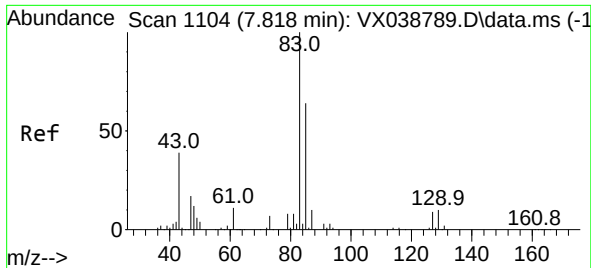
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#46
Dibromomethane
Concen: 21.228 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 93 Resp: 25123
Ion Ratio Lower Upper
93 100
95 86.1 66.6 100.0
174 82.9 69.4 104.0





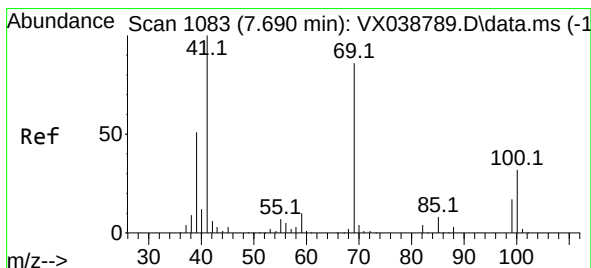
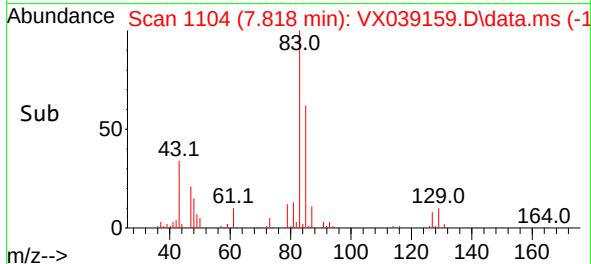
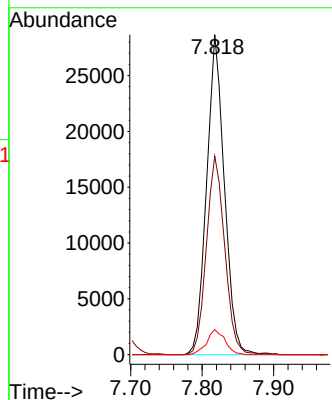
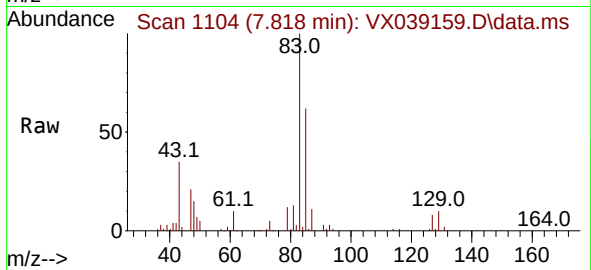
#47
Bromodichloromethane
Concen: 21.032 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 83 Resp: 4940
Ion Ratio Lower Upper
83 100
85 62.0 49.8 74.6
127 7.8 7.1 10.7

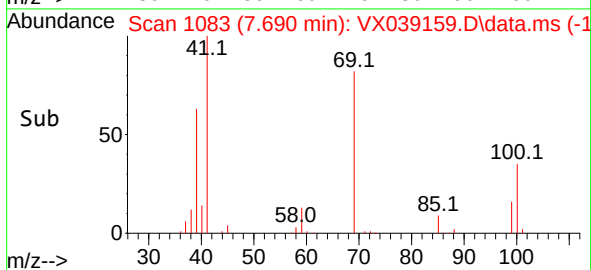
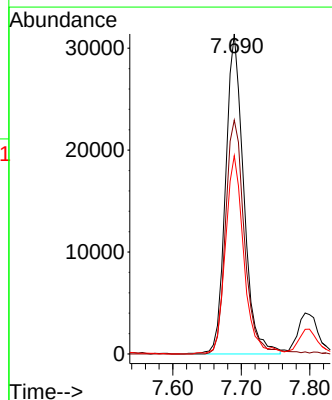
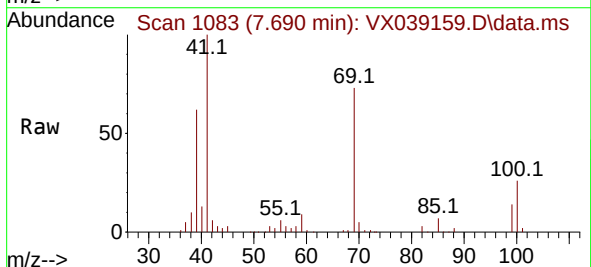
Manual Integrations
APPROVED

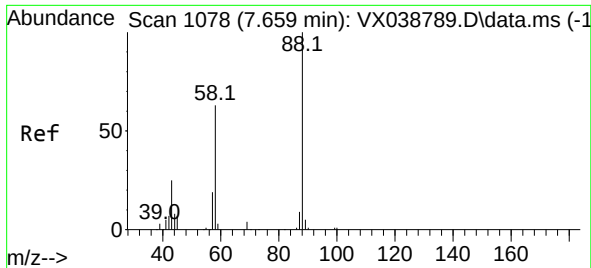
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#48
Methyl methacrylate
Concen: 25.550 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

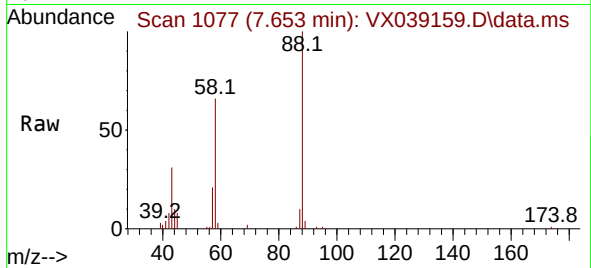
Tgt Ion: 41 Resp: 57550
Ion Ratio Lower Upper
41 100
69 76.4 59.2 88.8
39 62.8 47.7 71.5





#49
1,4-Dioxane
Concen: 322.554 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

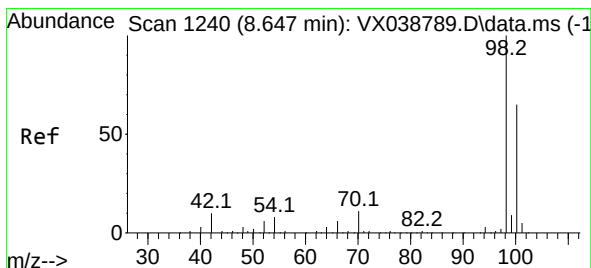
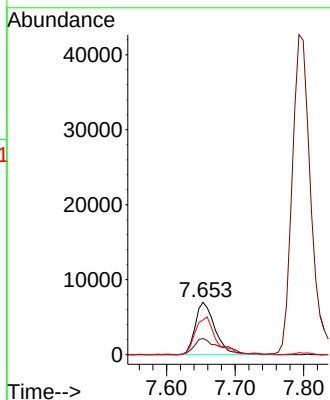
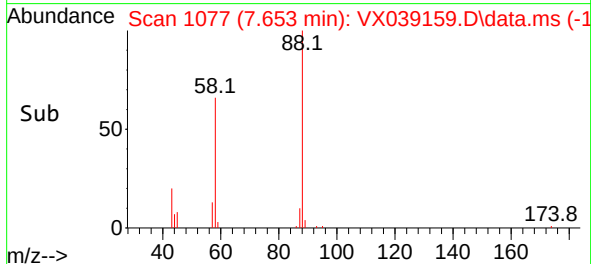
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 88 Resp: 14050
Ion Ratio Lower Upper
88 100
43 41.5 0.0 0.0
58 75.2 60.1 90.1

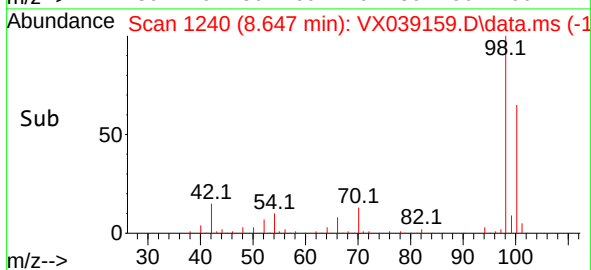
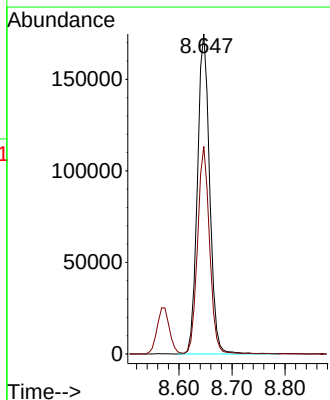
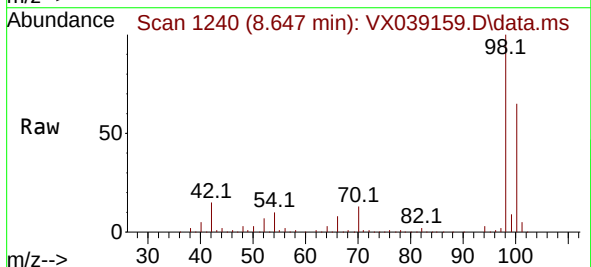
Manual Integrations
APPROVED

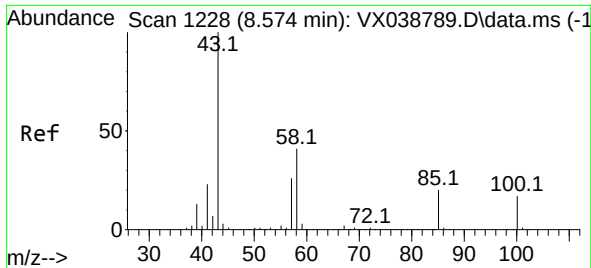
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#50
Toluene-d8
Concen: 47.045 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 98 Resp: 280020
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7





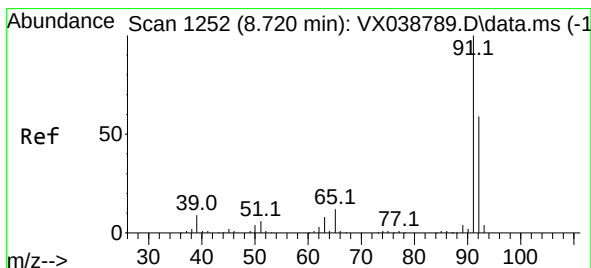
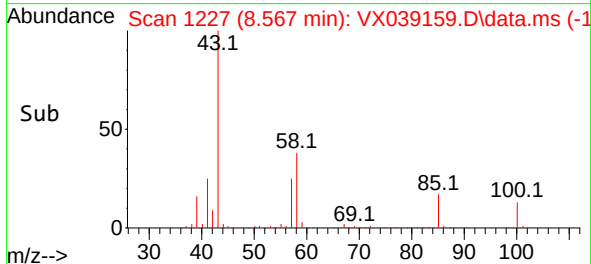
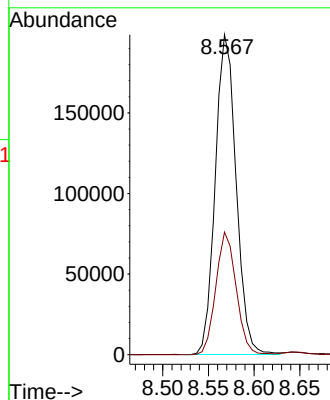
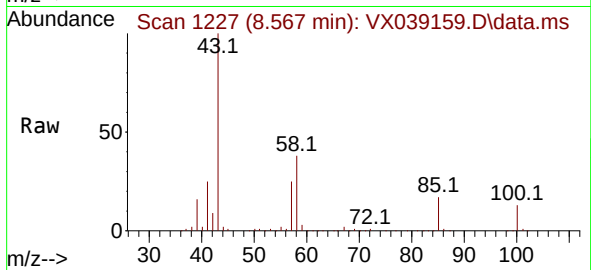
#51
4-Methyl-2-Pentanone
Concen: 106.153 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 43 Resp: 314934
Ion Ratio Lower Upper
43 100
58 37.4 30.4 45.6

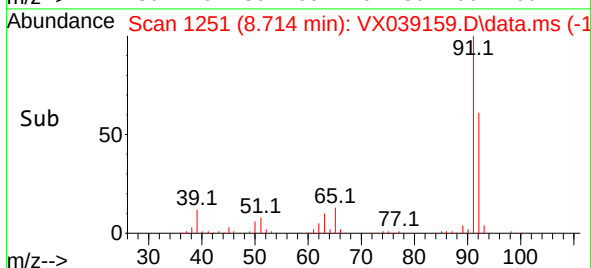
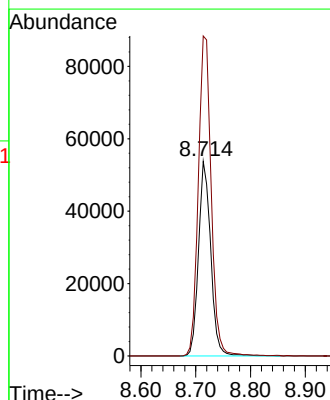
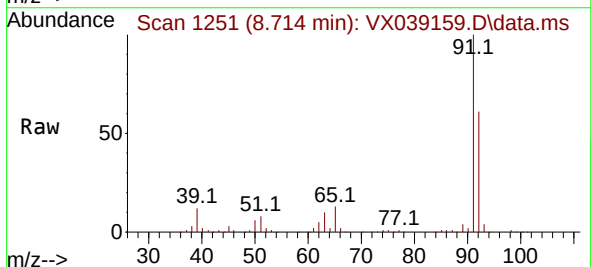
Manual Integrations
APPROVED

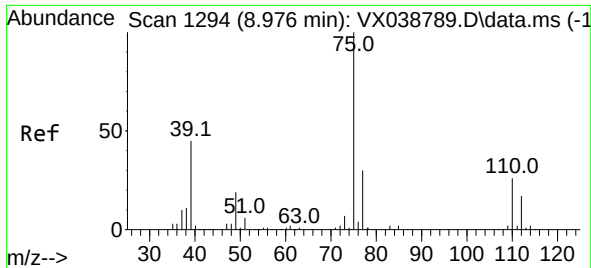
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#52
Toluene
Concen: 20.412 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

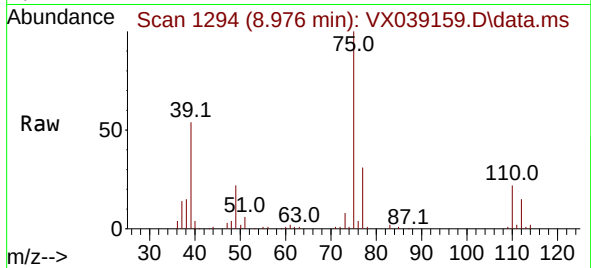
Tgt Ion: 92 Resp: 83532
Ion Ratio Lower Upper
92 100
91 173.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 20.154 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

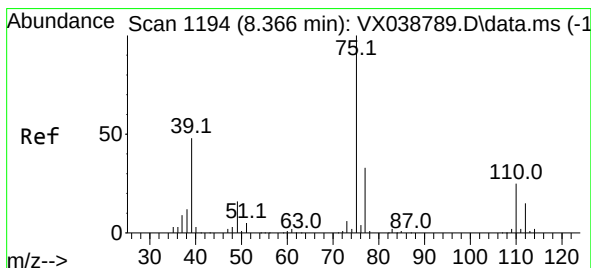
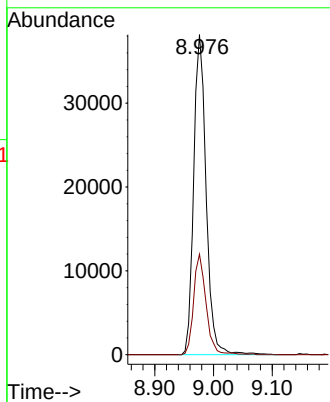
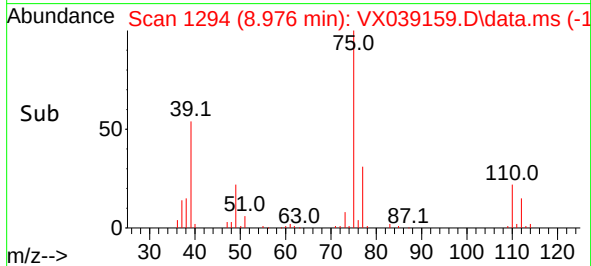
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



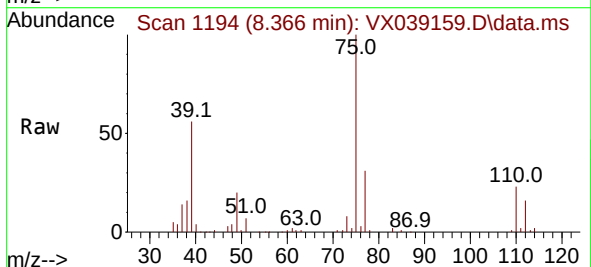
Tgt Ion: 75 Resp: 56258
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

Manual Integrations
APPROVED

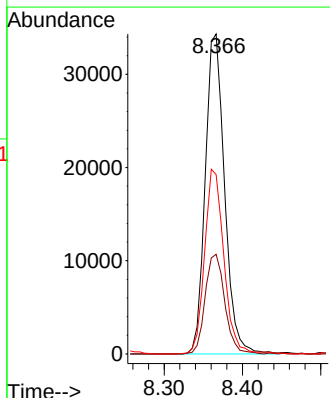
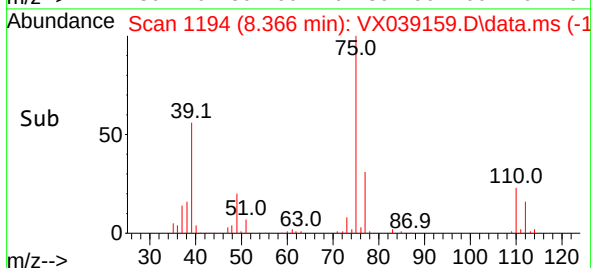
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

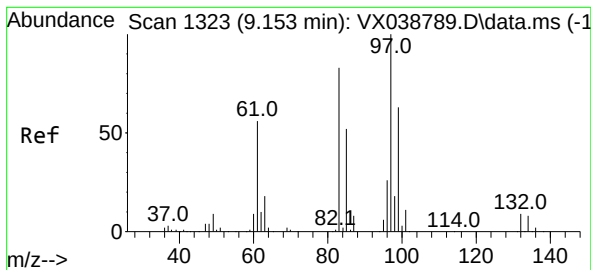


#54
cis-1,3-Dichloropropene
Concen: 20.394 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45



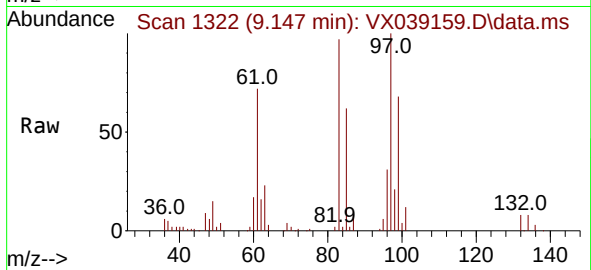
Tgt Ion: 75 Resp: 58803
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 56.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.692 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

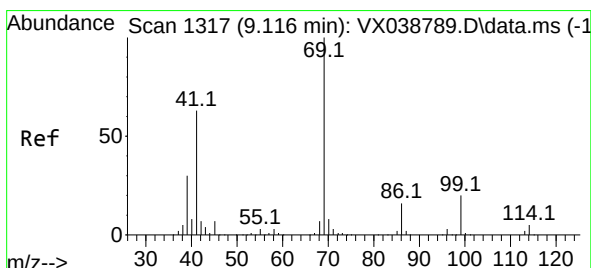
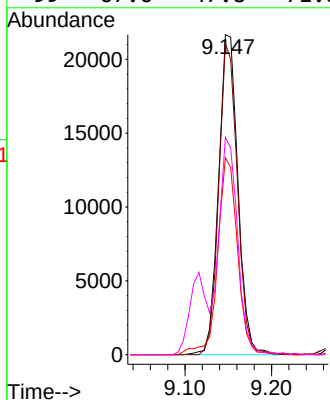
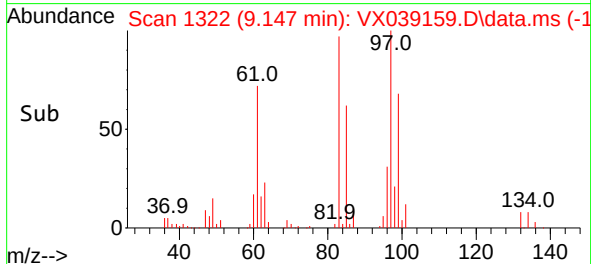
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	97.3	65.8	98.8
85	61.6	41.6	62.4
99	67.6	47.8	71.8

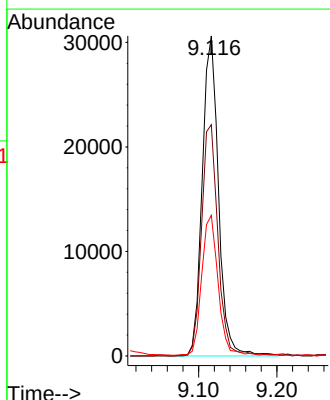
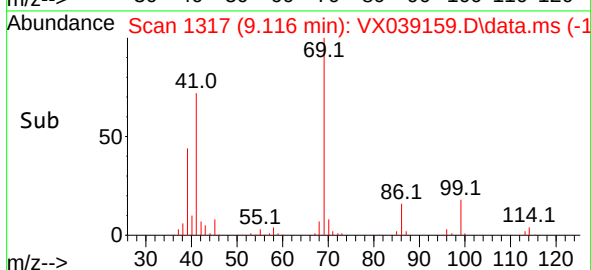
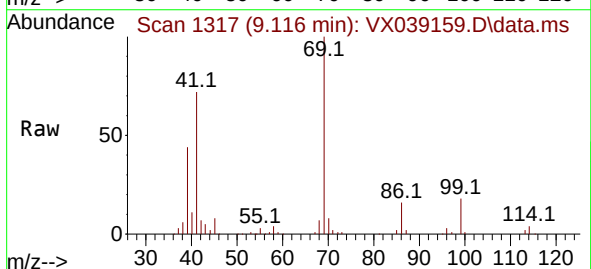
Manual Integrations
APPROVED

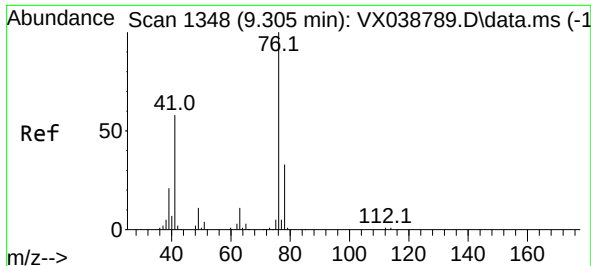
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#56
Ethyl methacrylate
Concen: 15.265 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.4	56.8	85.2
39	44.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 21.655 ug/l

RT: 9.305 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 76 Resp: 6115

Ion Ratio Lower Upper

76 100

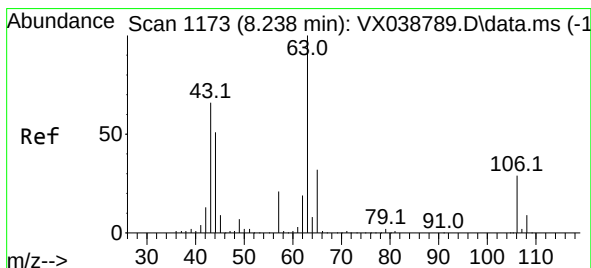
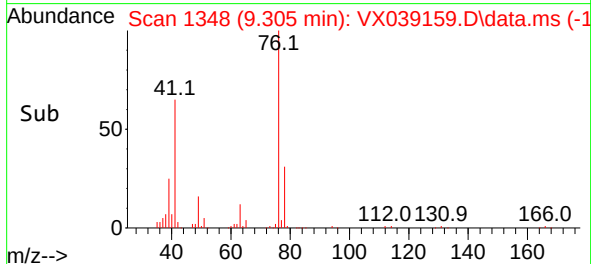
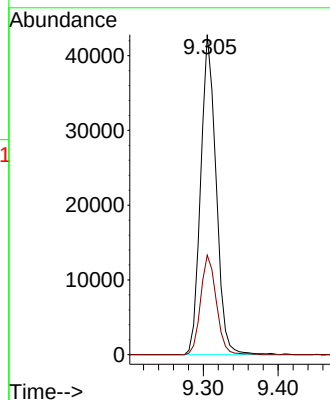
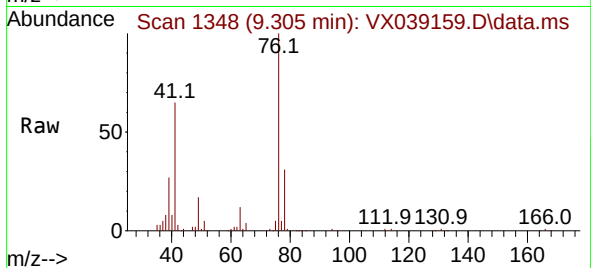
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 80.644 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039159.D

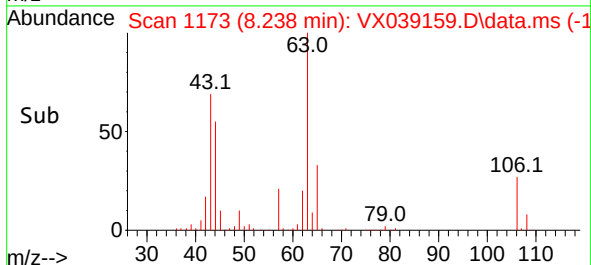
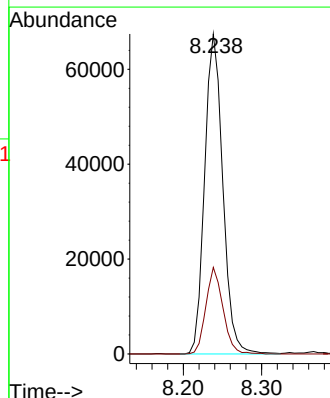
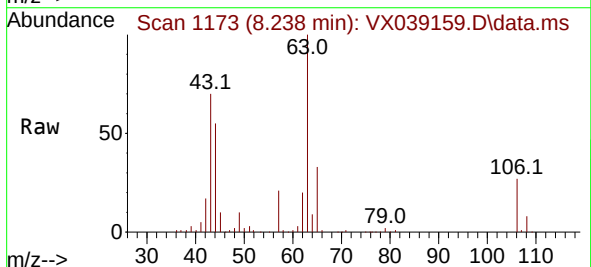
Acq: 12 Dec 2023 12:45

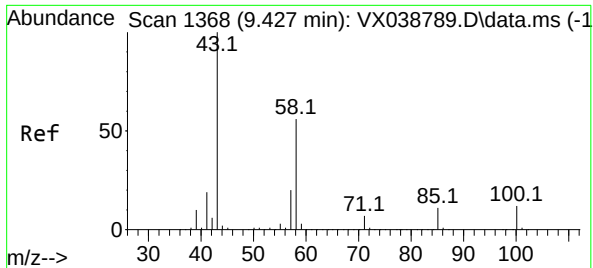
Tgt Ion: 63 Resp: 108537

Ion Ratio Lower Upper

63 100

106 25.4 22.5 33.7





#59

2-Hexanone

Concen: 106.062 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 43 Resp: 25221

Ion Ratio Lower Upper

43 100

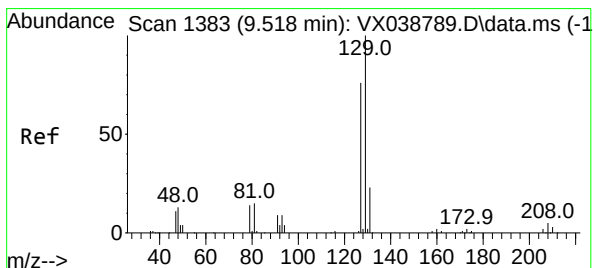
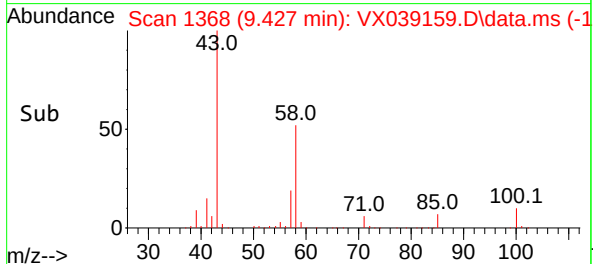
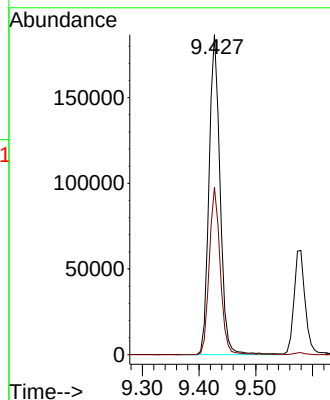
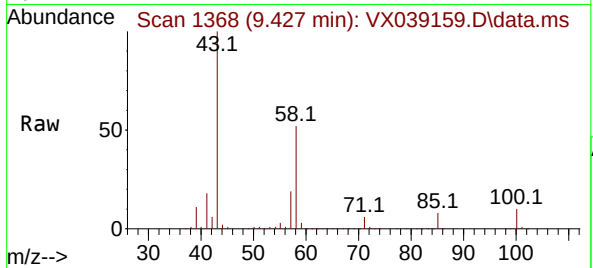
58 52.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#60

Dibromochloromethane

Concen: 19.993 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039159.D

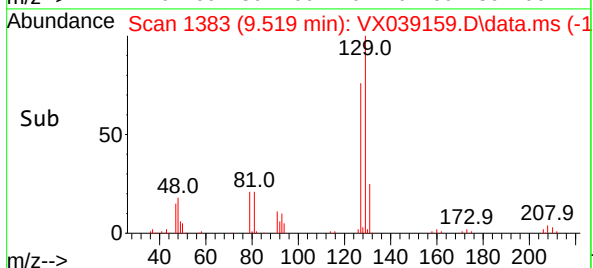
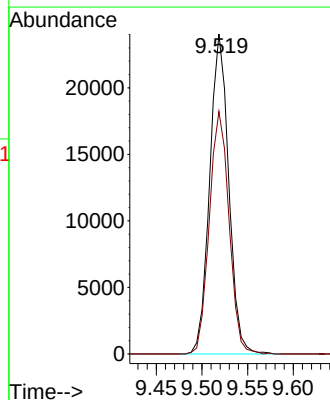
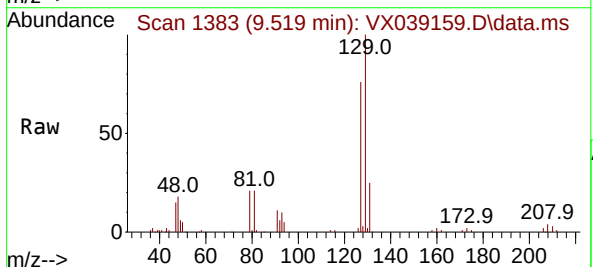
Acq: 12 Dec 2023 12:45

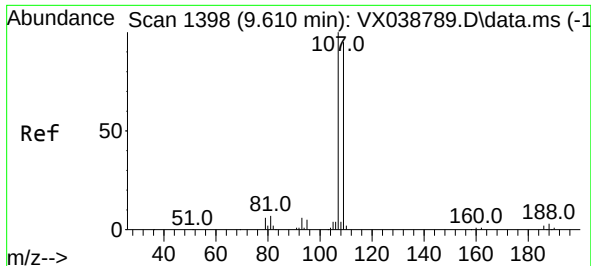
Tgt Ion:129 Resp: 34712

Ion Ratio Lower Upper

129 100

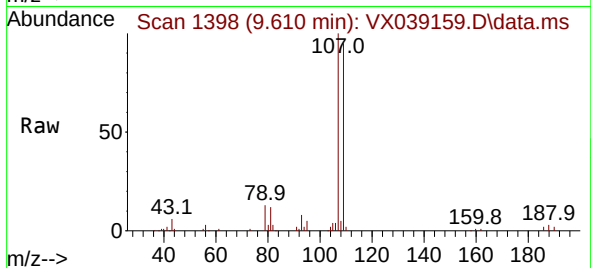
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.071 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

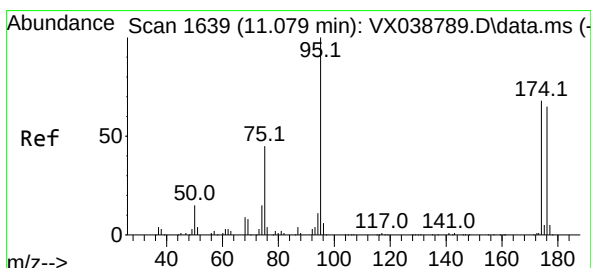
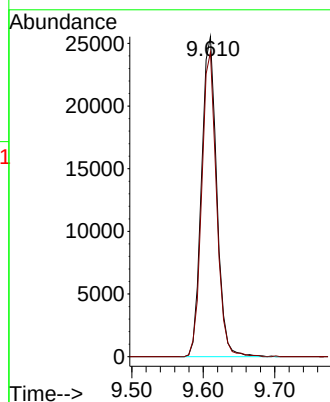
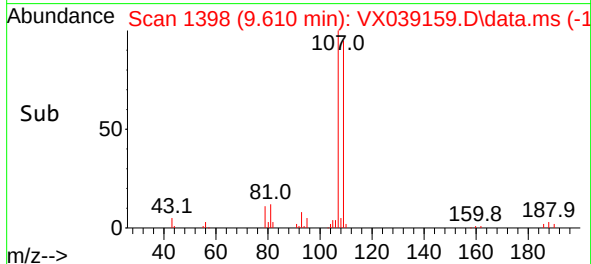
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



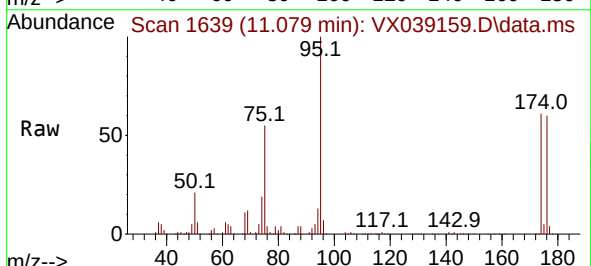
Tgt Ion:107 Resp: 3775
Ion Ratio Lower Upper
107 100
109 92.7 75.2 112.8

Manual Integrations
APPROVED

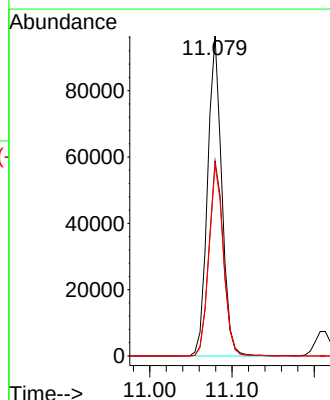
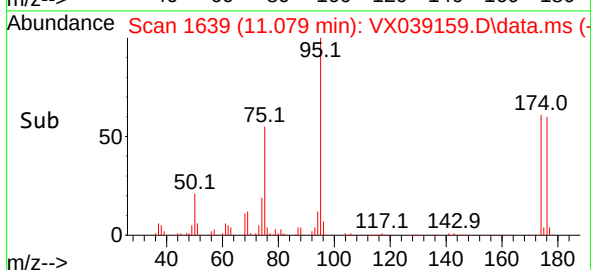
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

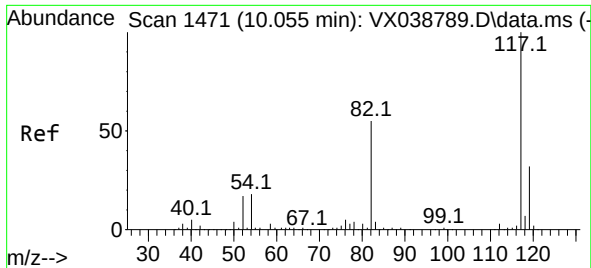


#62
4-Bromofluorobenzene
Concen: 48.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45



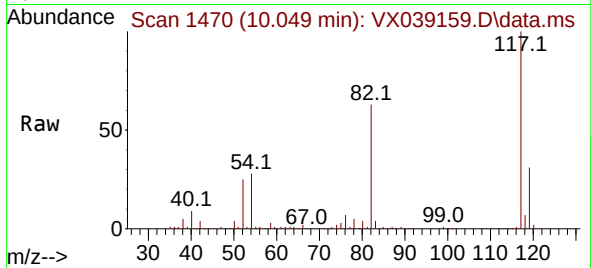
Tgt Ion: 95 Resp: 115323
Ion Ratio Lower Upper
95 100
174 62.2 0.0 135.6
176 61.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

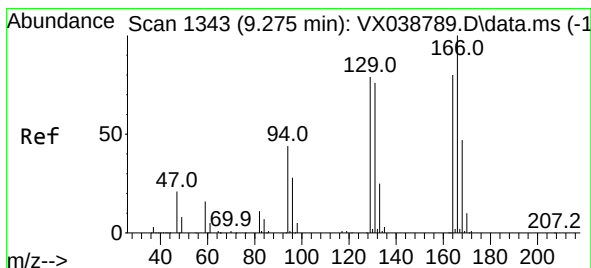
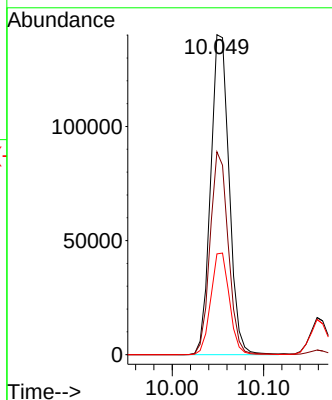
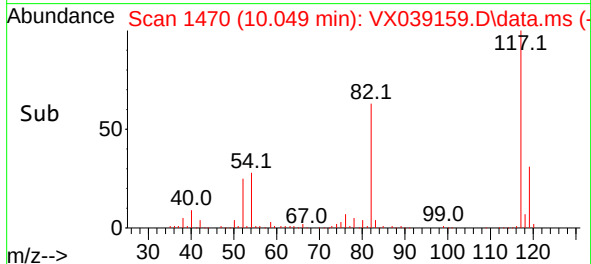
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion:117 Resp: 196638
Ion Ratio Lower Upper
117 100
82 63.4 46.2 69.4
119 31.5 25.5 38.3

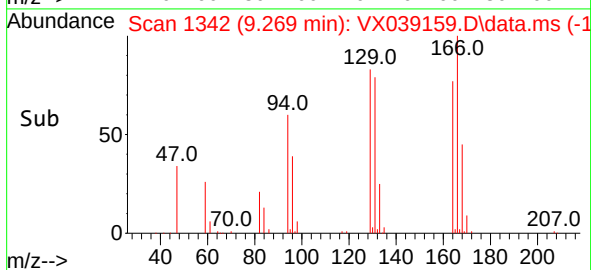
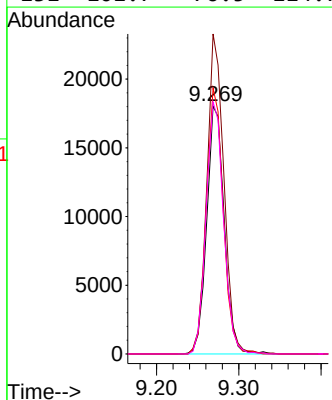
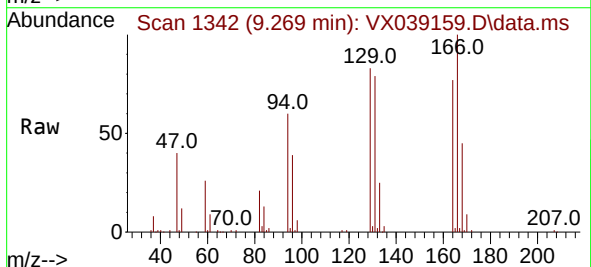
Manual Integrations
APPROVED

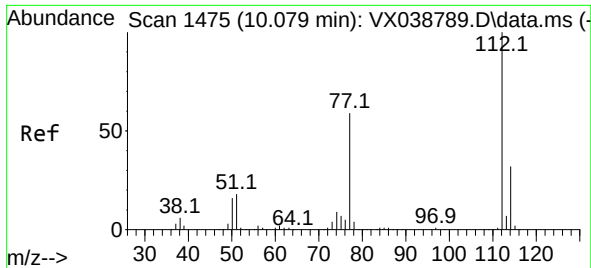
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#64
Tetrachloroethene
Concen: 21.800 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion:164 Resp: 26645
Ion Ratio Lower Upper
164 100
166 129.1 102.7 154.1
129 107.3 80.4 120.6
131 101.7 76.5 114.7





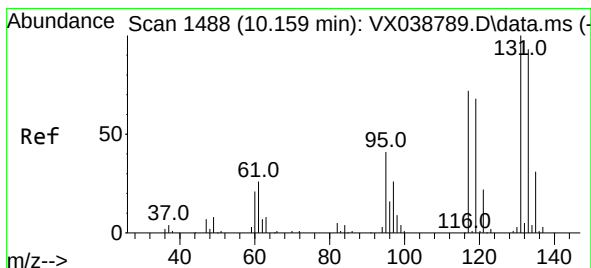
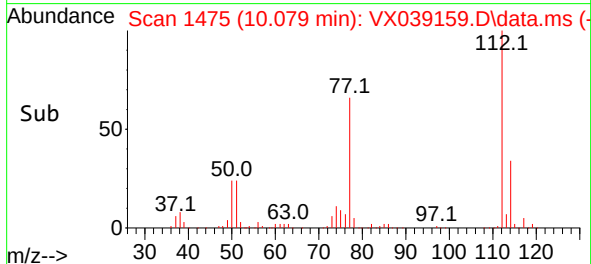
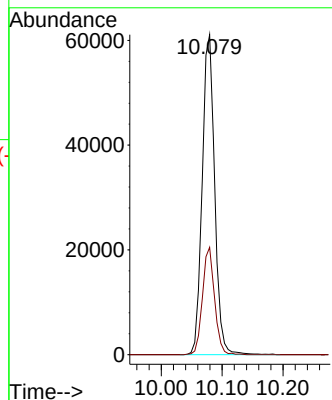
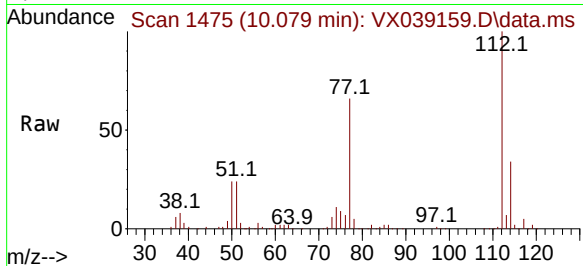
#65
Chlorobenzene
Concen: 20.551 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion:112 Resp: 87049
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5

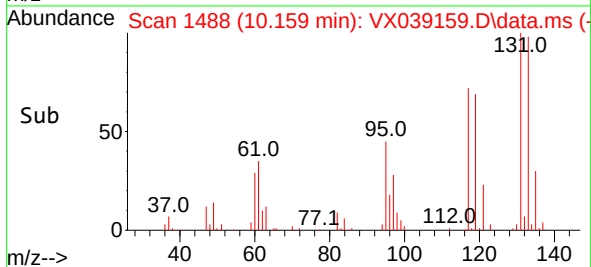
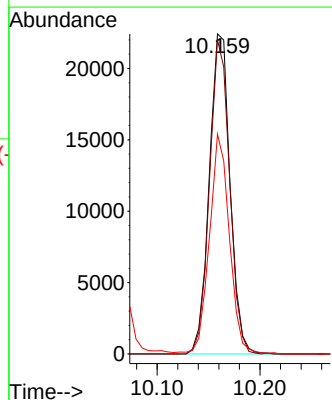
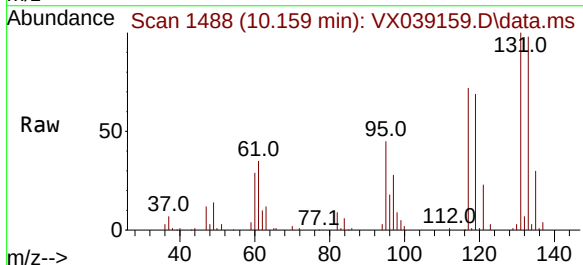
Manual Integrations
APPROVED

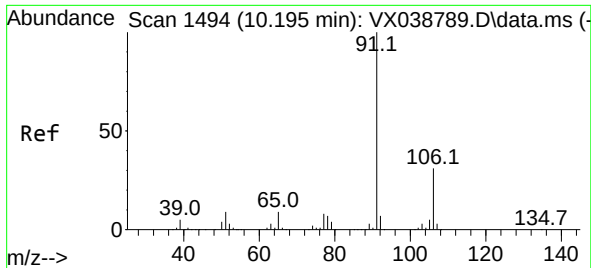
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.731 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion:131 Resp: 31588
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 66.0 32.2 96.6





#67

Ethyl Benzene

Concen: 21.554 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion: 91 Resp: 167730

Ion Ratio Lower Upper

91 100

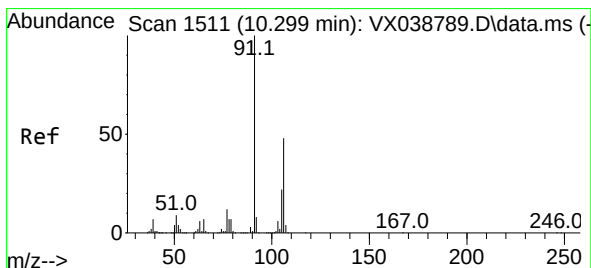
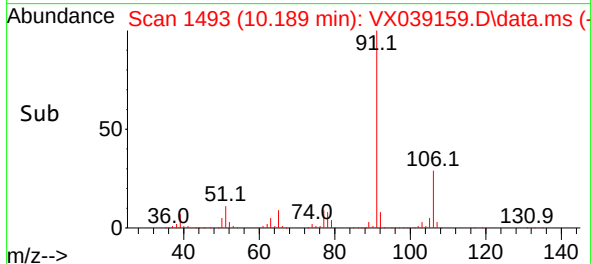
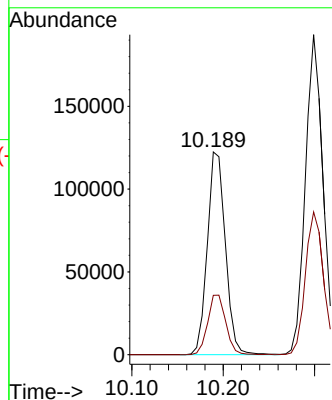
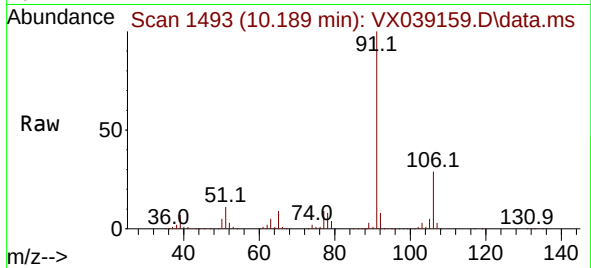
106 29.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#68

m/p-Xylenes

Concen: 40.757 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039159.D

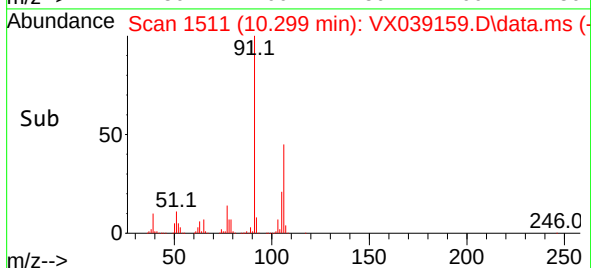
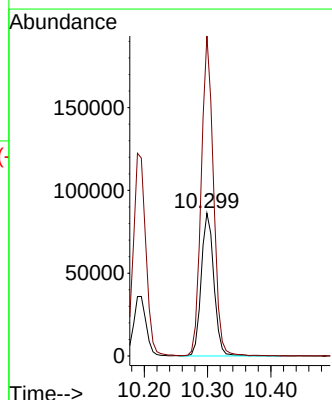
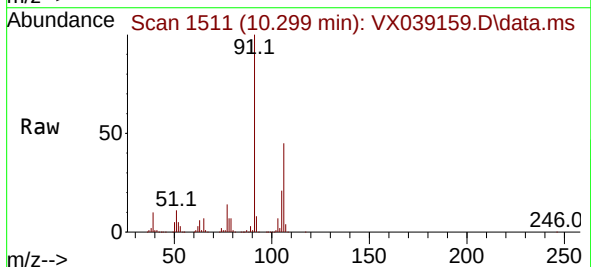
Acq: 12 Dec 2023 12:45

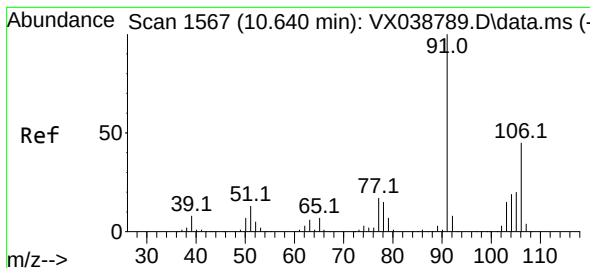
Tgt Ion:106 Resp: 119982

Ion Ratio Lower Upper

106 100

91 217.0 165.5 248.3





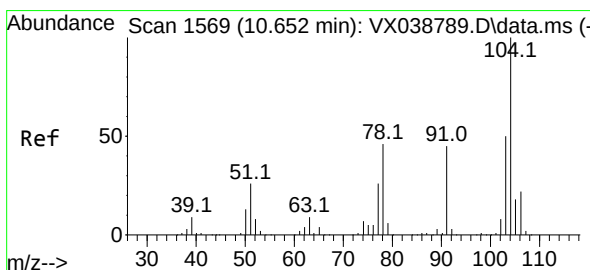
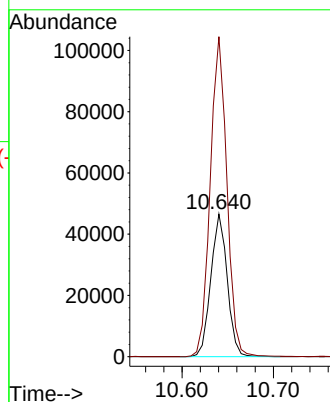
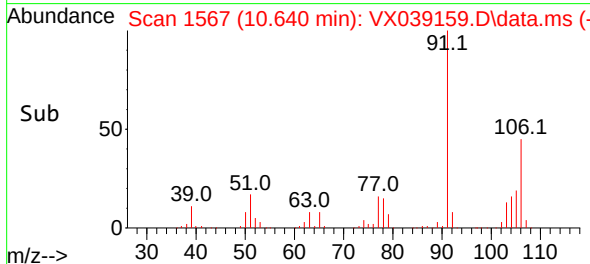
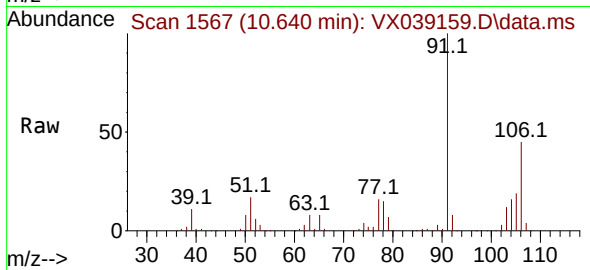
#69
o-Xylene
Concen: 19.901 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion:106 Resp: 57970
Ion Ratio Lower Upper
106 100
91 227.6 108.9 326.8

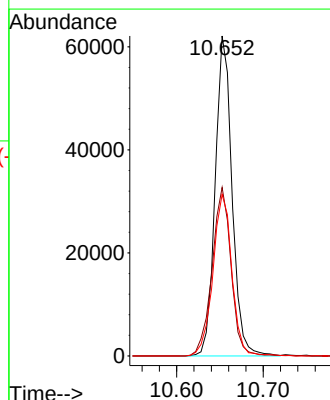
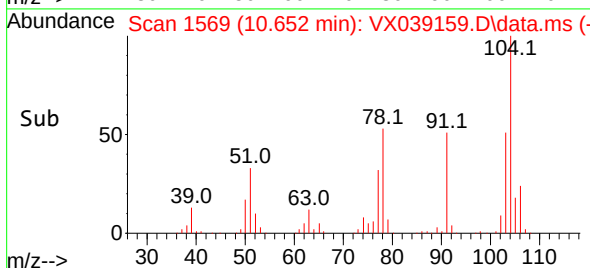
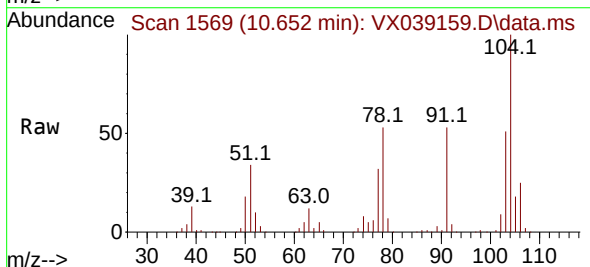
Manual Integrations
APPROVED

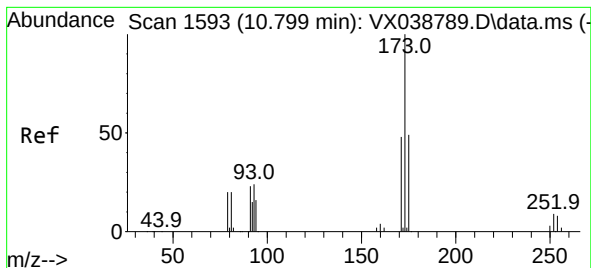
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#70
Styrene
Concen: 17.086 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion:104 Resp: 84056
Ion Ratio Lower Upper
104 100
78 59.2 43.6 65.4
103 56.9 43.6 65.4





#71

Bromoform

Concen: 18.751 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

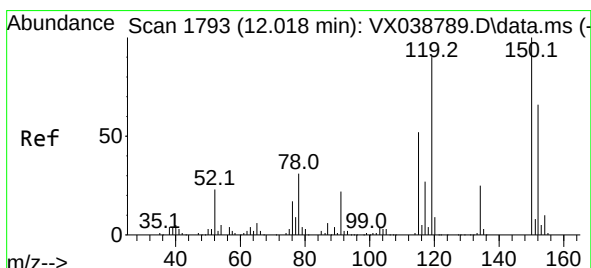
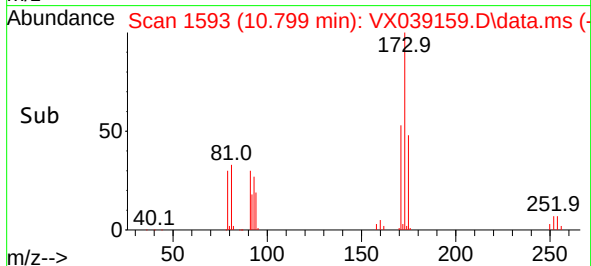
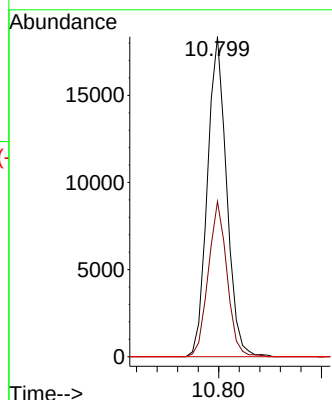
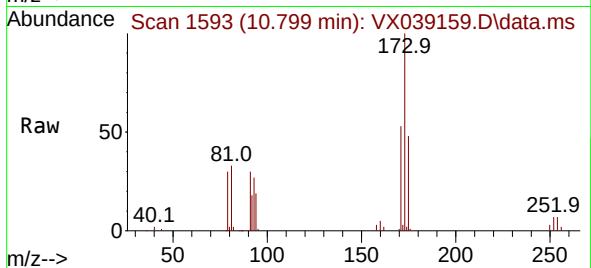
Tgt Ion:173	Resp:	23818
Ion Ratio	Lower	Upper
173	100	
175	47.2	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

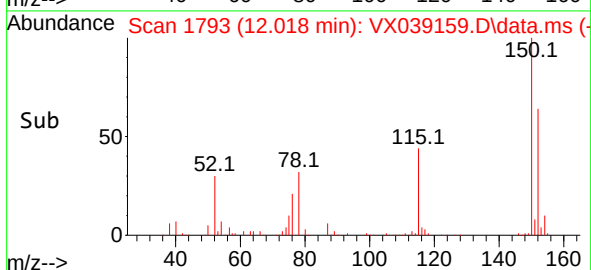
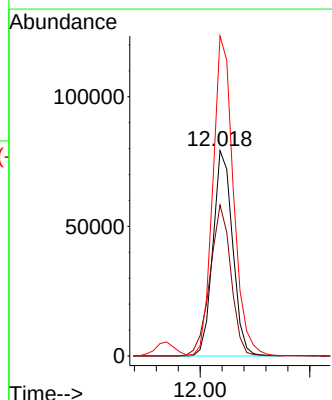
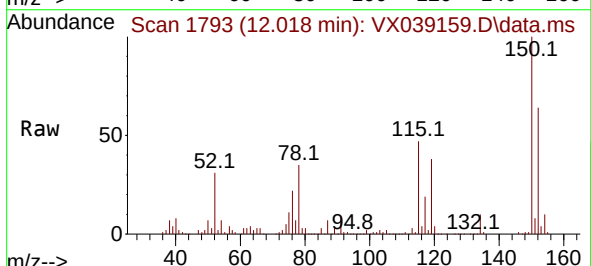
RT: 12.018 min Scan# 1793

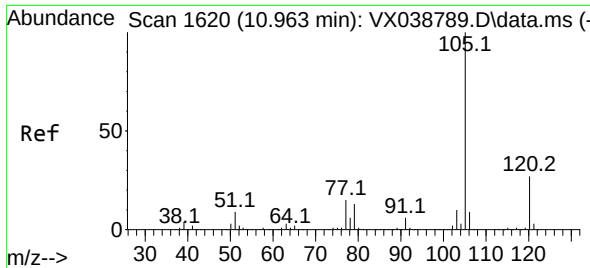
Delta R.T. 0.000 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

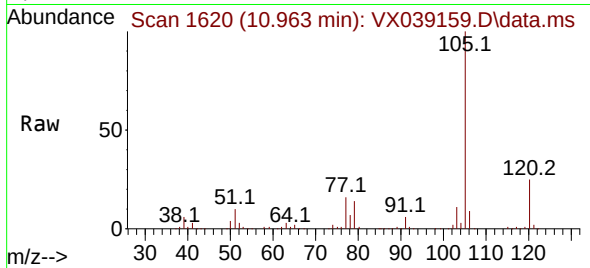
Tgt Ion:152	Resp:	98544
Ion Ratio	Lower	Upper
152	100	
115	78.2	43.3 129.9
150	163.2	0.0 345.0





#73
Isopropylbenzene
Concen: 20.725 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

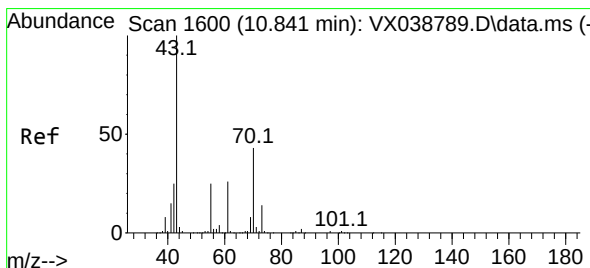
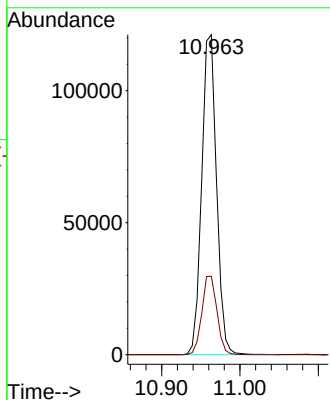
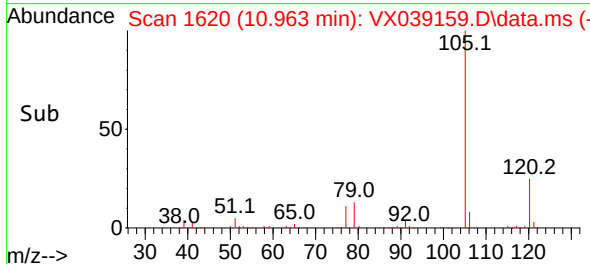
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



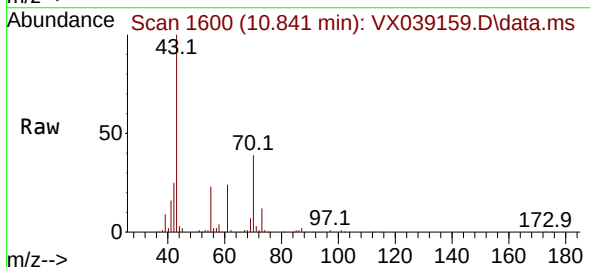
Tgt Ion:105 Resp: 159124
Ion Ratio Lower Upper
105 100
120 24.9 12.9 38.6

Manual Integrations
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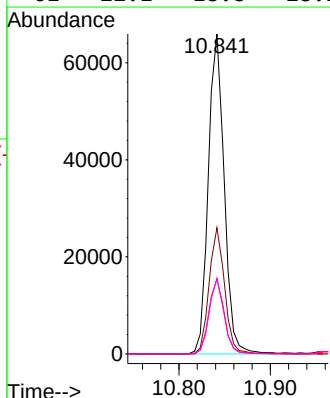
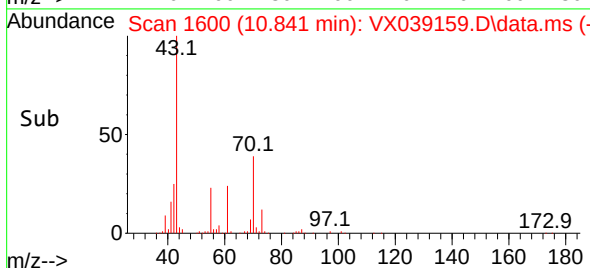
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

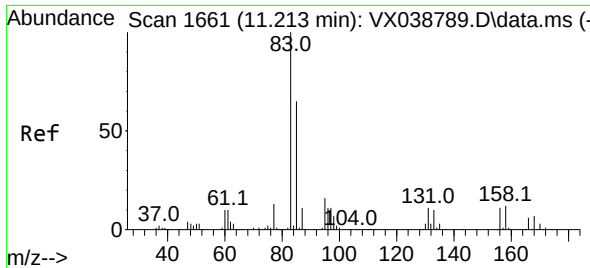


#74
N-ethyl acetate
Concen: 19.594 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45



Tgt Ion: 43 Resp: 79528
Ion Ratio Lower Upper
43 100
70 38.5 32.9 49.3
55 22.8 19.3 28.9
61 22.1 18.8 28.2





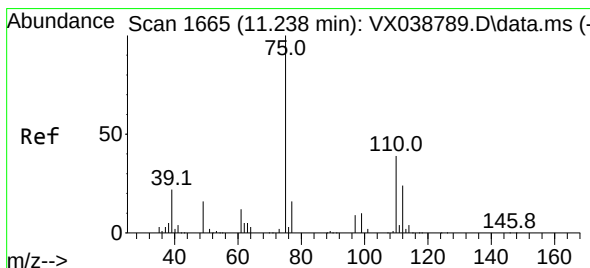
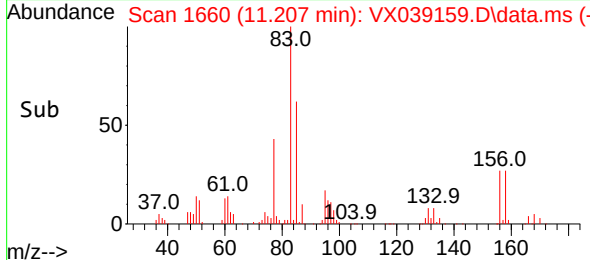
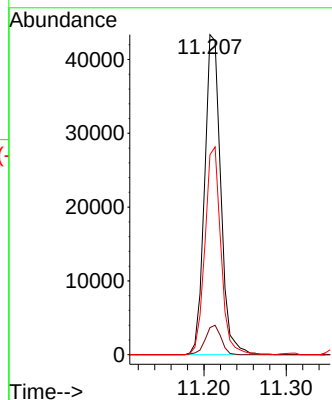
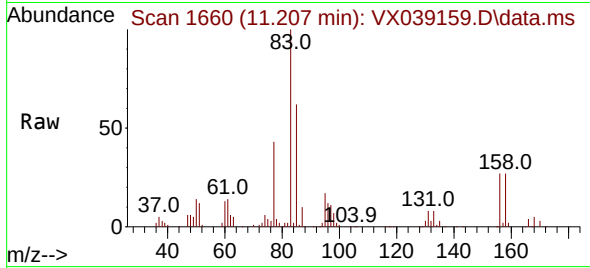
#75
1,1,2,2-Tetrachloroethane
Concen: 19.695 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 83 Resp: 5903
Ion Ratio Lower Upper
83 100
131 9.0 5.3 15.8
85 64.2 32.0 96.2

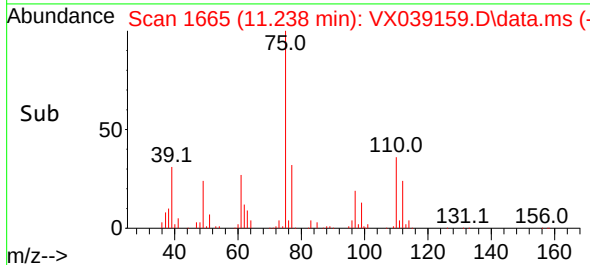
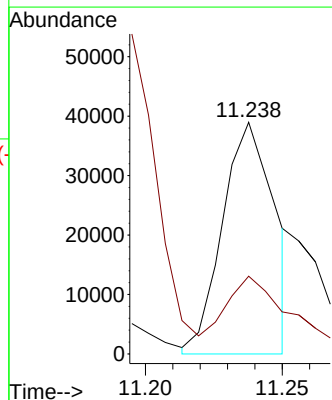
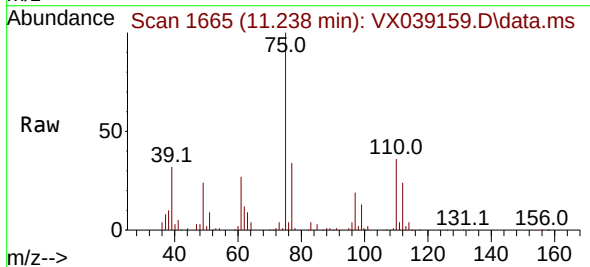
Manual Integrations
APPROVED

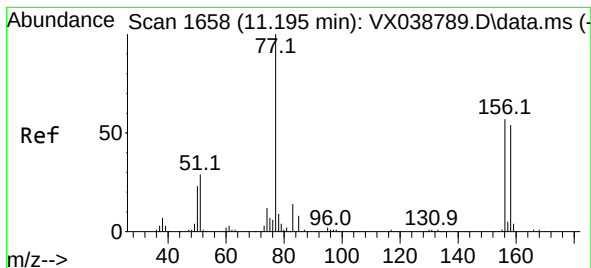
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#76
1,2,3-Trichloropropane
Concen: 20.924 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 75 Resp: 51446
Ion Ratio Lower Upper
75 100
77 42.7 19.1 57.5





#77

Bromobenzene

Concen: 19.856 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

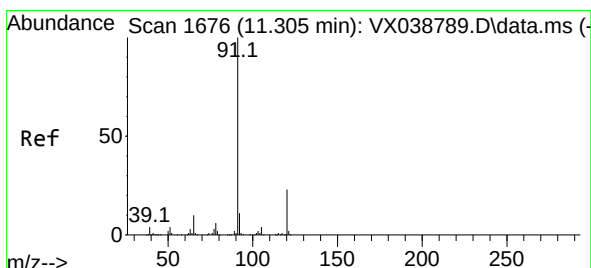
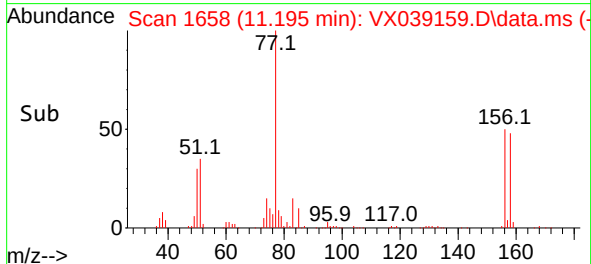
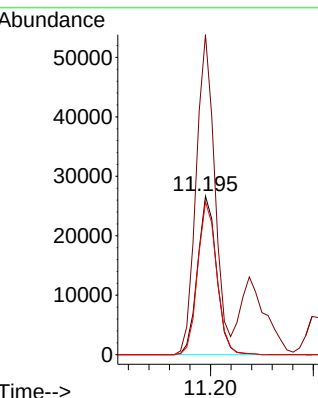
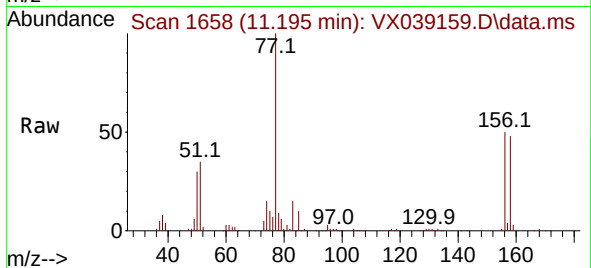
Tgt Ion:	156	Resp:	34250
Ion Ratio	Lower	Upper	
156	100		
77	199.1	88.4	265.3
158	97.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#78

n-propylbenzene

Concen: 20.681 ug/l

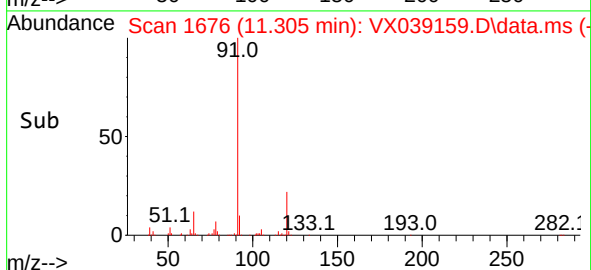
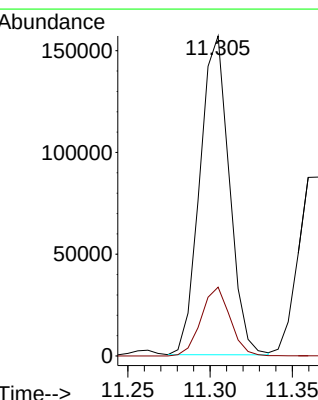
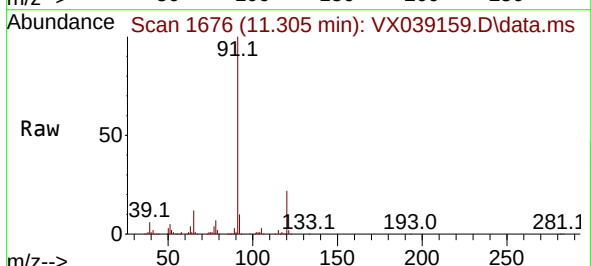
RT: 11.305 min Scan# 1676

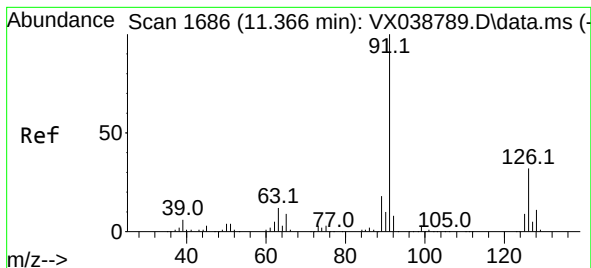
Delta R.T. 0.000 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Tgt Ion:	91	Resp:	195450
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.5	34.4





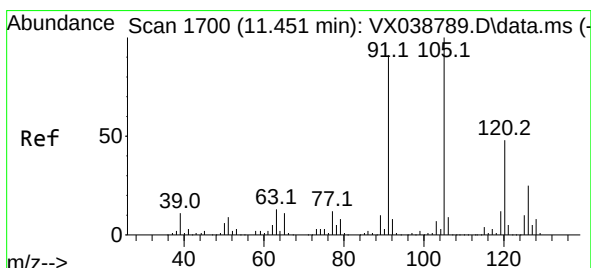
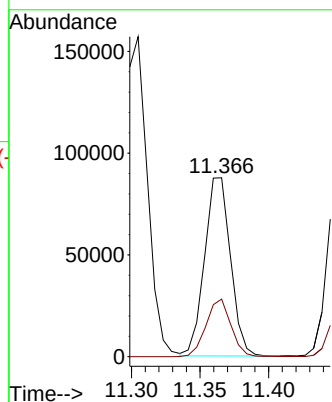
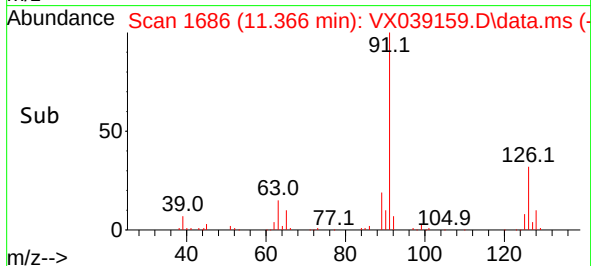
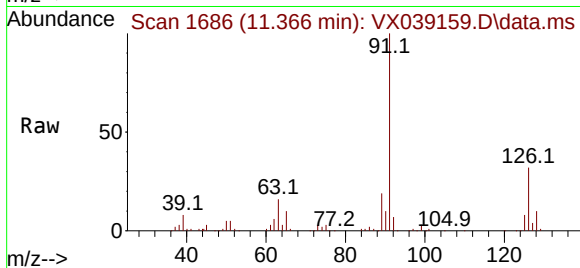
#79
2-Chlorotoluene
Concen: 20.554 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 91 Resp: 11528
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8

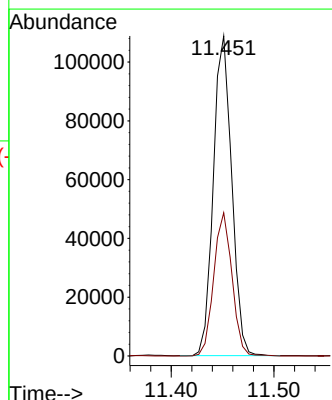
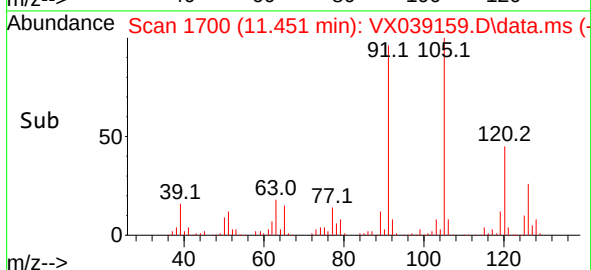
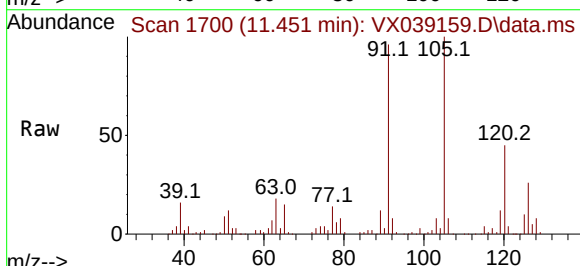
Manual Integrations
APPROVED

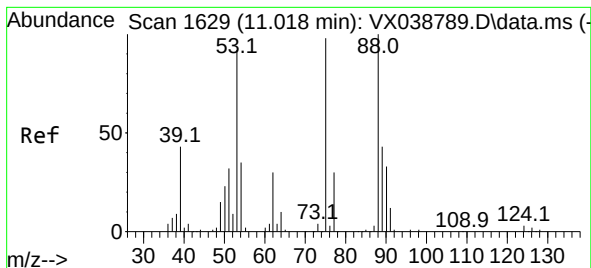
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.912 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion:105 Resp: 135006
Ion Ratio Lower Upper
105 100
120 44.5 24.1 72.3





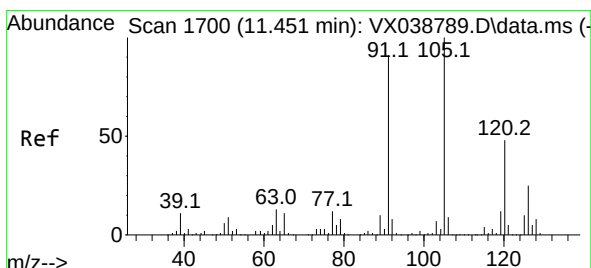
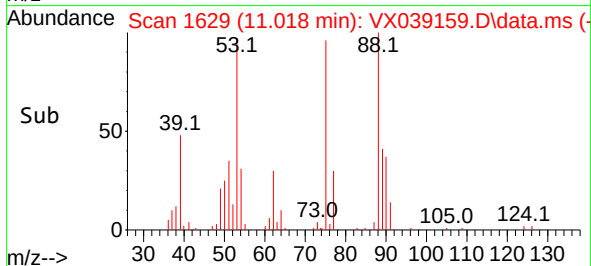
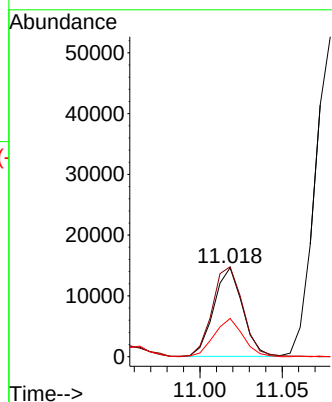
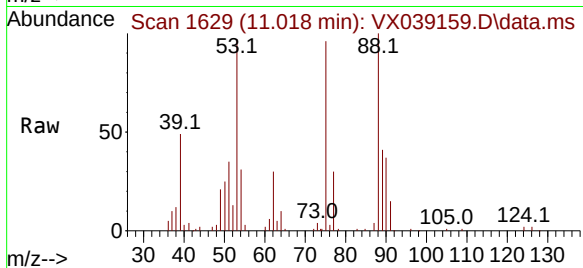
#81
trans-1,4-Dichloro-2-butene
Concen: 15.973 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion: 75 Resp: 1770
Ion Ratio Lower Upper
75 100
53 107.9 90.5 135.7
89 43.6 36.9 55.3

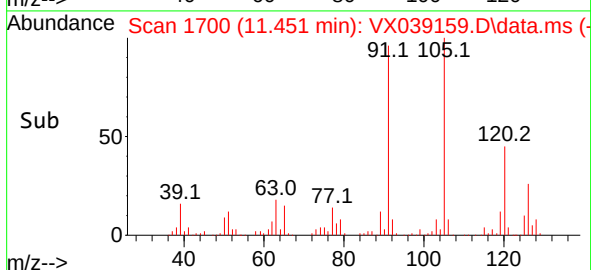
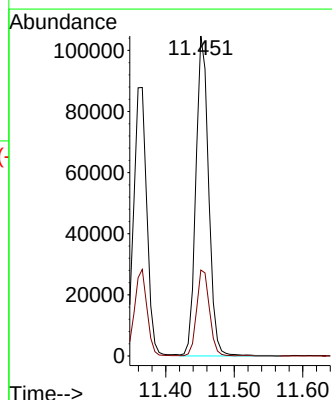
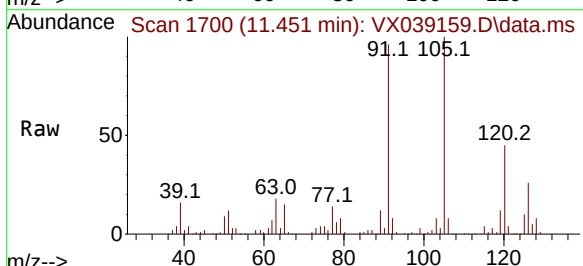
Manual Integrations
APPROVED

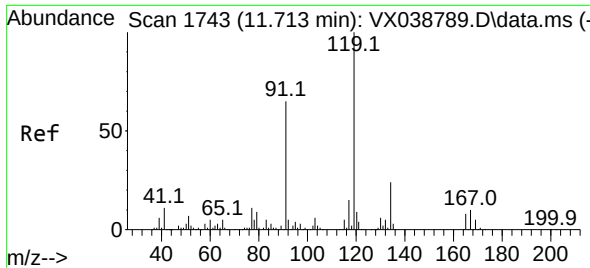
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#82
4-Chlorotoluene
Concen: 21.034 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

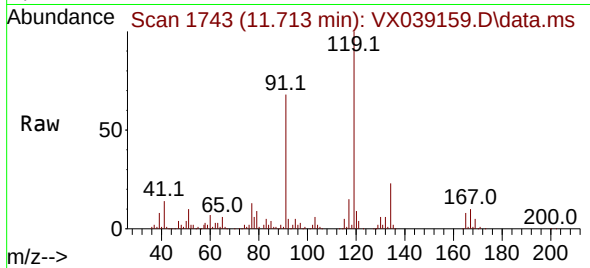
Tgt Ion: 91 Resp: 136028
Ion Ratio Lower Upper
91 100
126 26.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.997 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

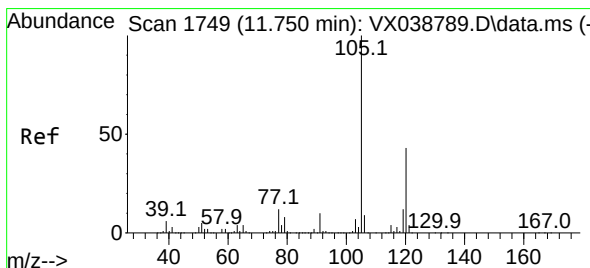
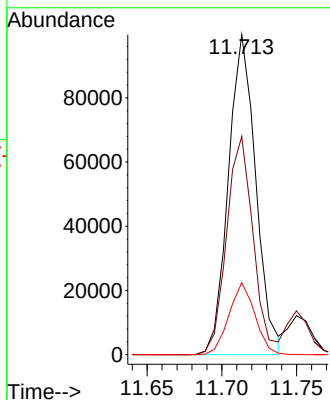
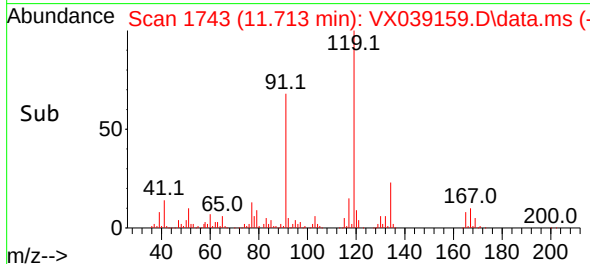
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



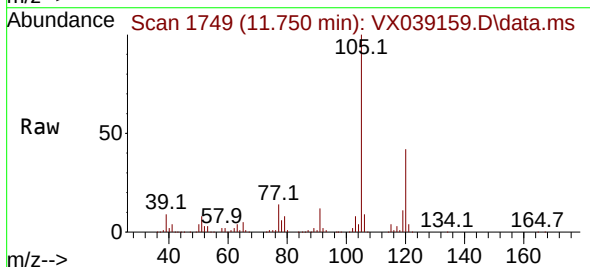
Tgt Ion:119 Resp: 127140
Ion Ratio Lower Upper
119 100
91 66.3 31.2 93.6
134 21.3 11.7 35.0

Manual Integrations
APPROVED

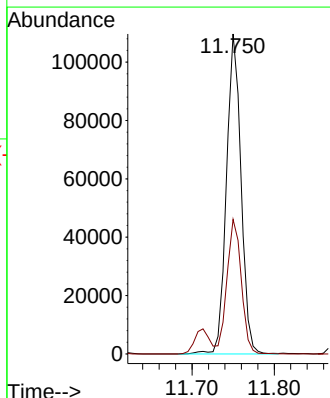
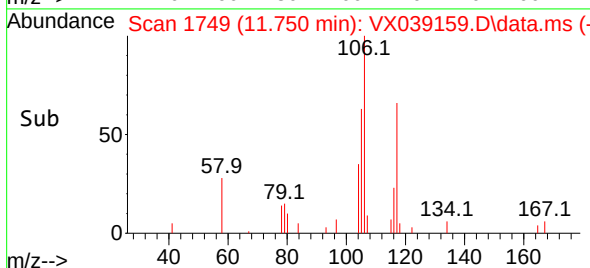
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

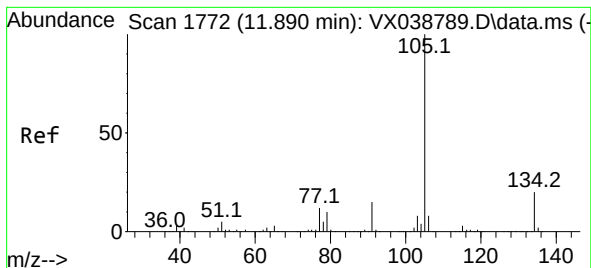


#84
1,2,4-Trimethylbenzene
Concen: 20.649 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45



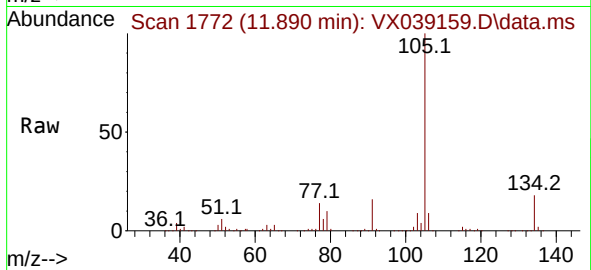
Tgt Ion:105 Resp: 134929
Ion Ratio Lower Upper
105 100
120 41.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.406 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039159.D
 Acq: 12 Dec 2023 12:45

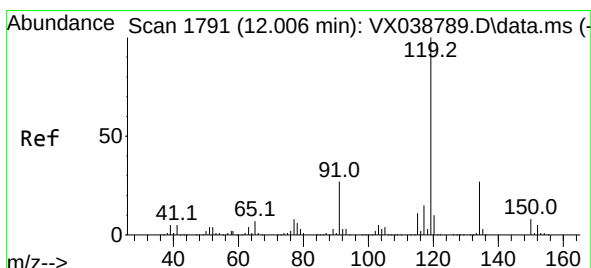
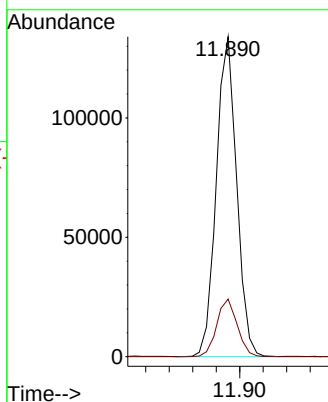
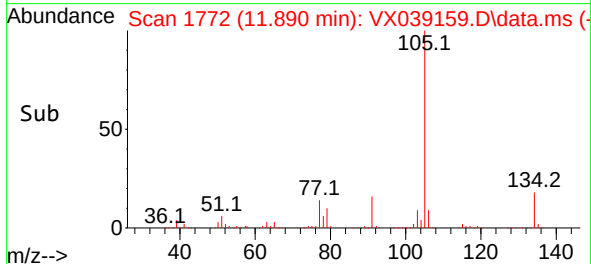
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD01



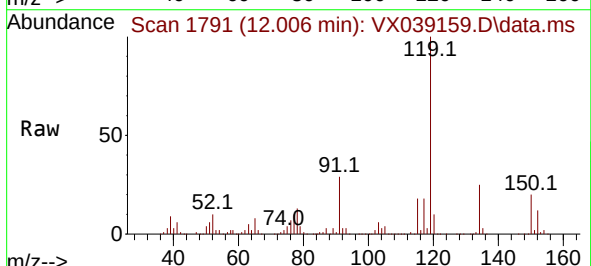
Tgt Ion:105 Resp: 161389
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.8 29.4

Manual Integrations
 APPROVED

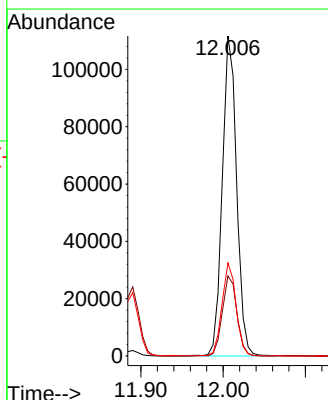
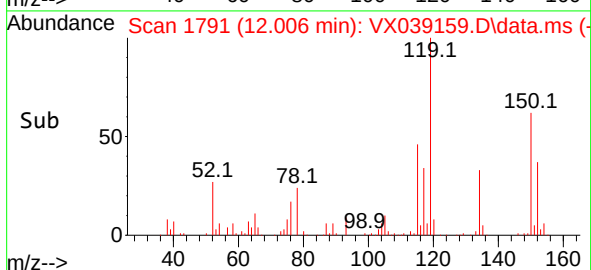
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023

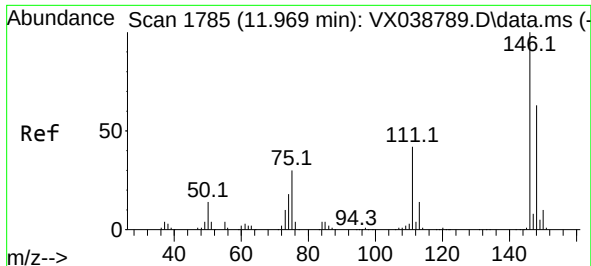


#86
 p-Isopropyltoluene
 Concen: 20.232 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039159.D
 Acq: 12 Dec 2023 12:45



Tgt Ion:119 Resp: 135075
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 28.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.743 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039159.D

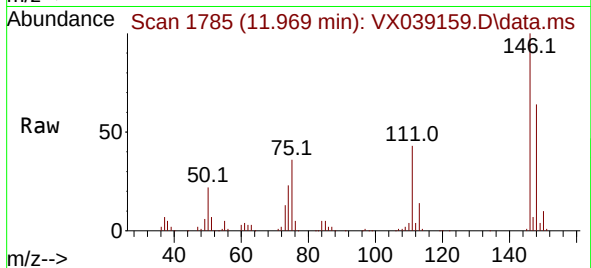
Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01



Tgt Ion:146 Resp: 66699

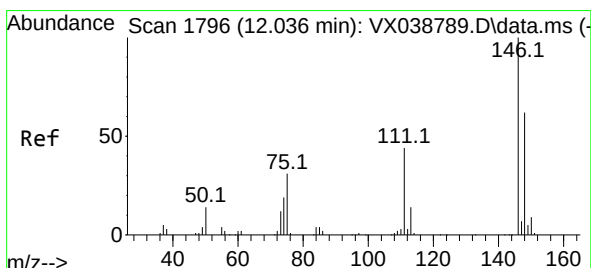
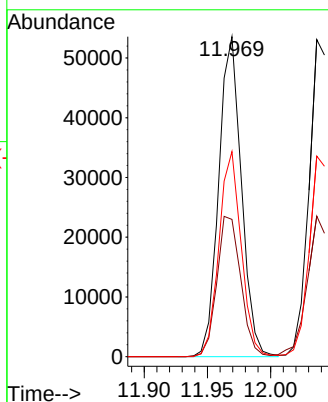
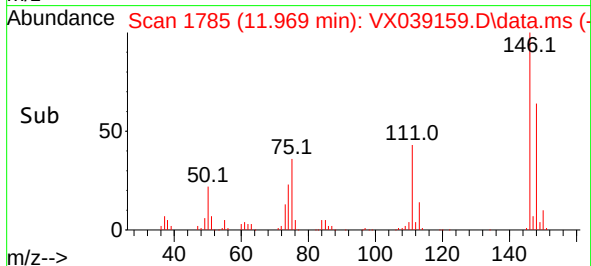
Ion	Ratio	Lower	Upper
146	100		
111	46.1	22.1	66.1
148	62.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#88

1,4-Dichlorobenzene

Concen: 19.689 ug/l

RT: 12.036 min Scan# 1796

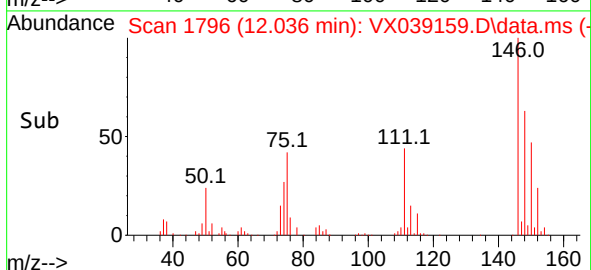
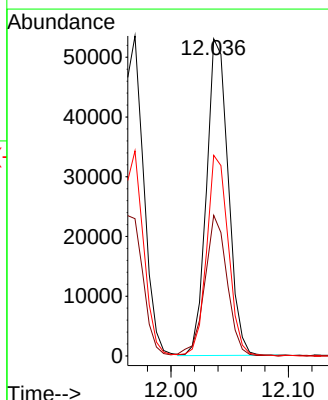
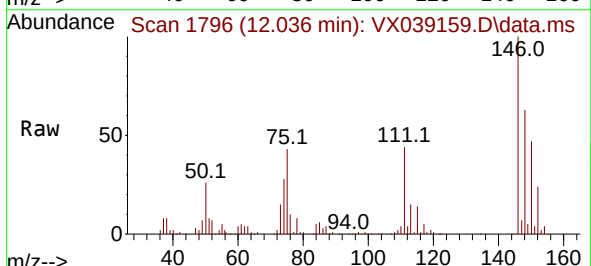
Delta R.T. 0.000 min

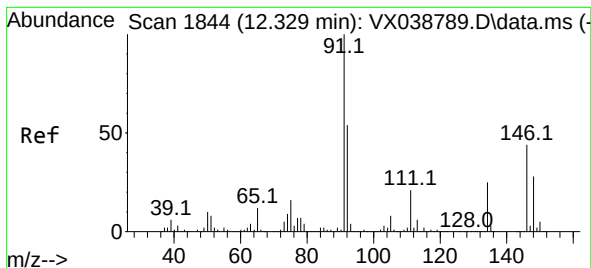
Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Tgt Ion:146 Resp: 68078

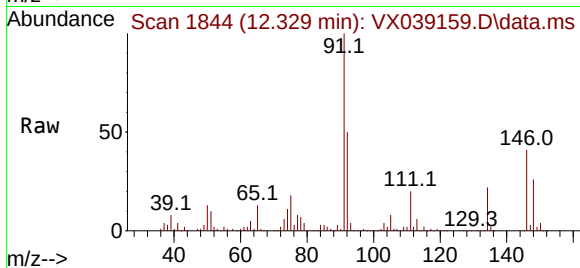
Ion	Ratio	Lower	Upper
146	100		
111	45.9	21.3	63.7
148	63.5	31.8	95.4





#89
n-Butylbenzene
Concen: 20.081 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

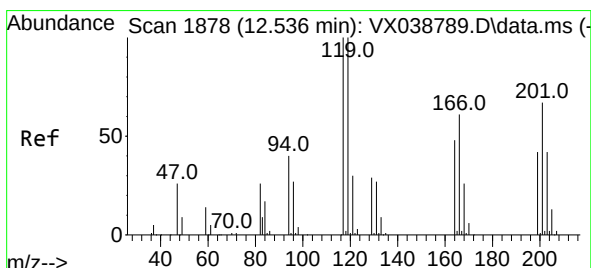
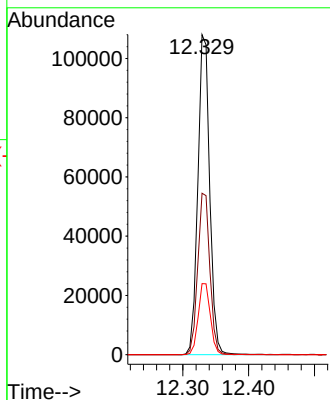
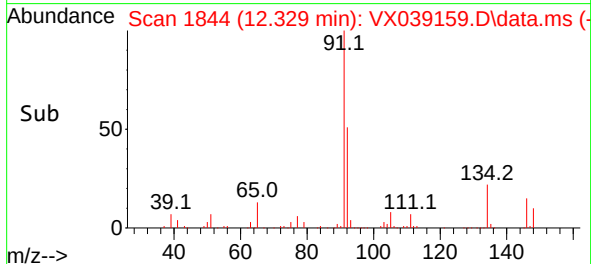
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



Tgt Ion: 91 Resp: 13526
Ion Ratio Lower Upper
91 100
92 51.6 27.4 82.0
134 22.7 12.6 37.8

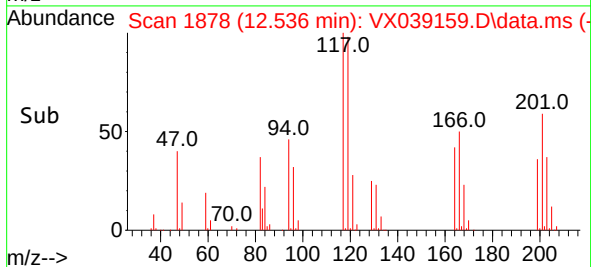
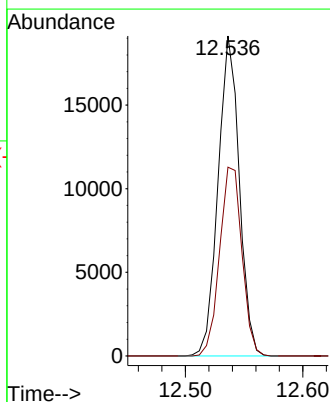
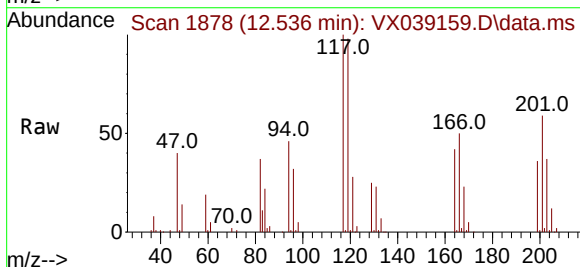
Manual Integrations
APPROVED

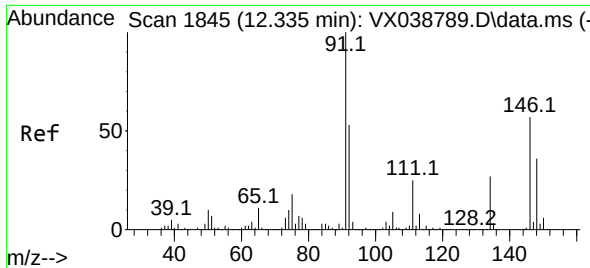
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#90
Hexachloroethane
Concen: 17.999 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion:117 Resp: 23996
Ion Ratio Lower Upper
117 100
201 62.2 32.9 98.6





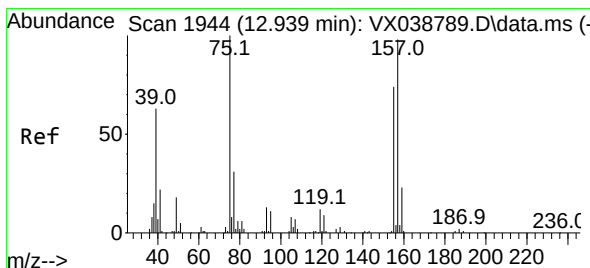
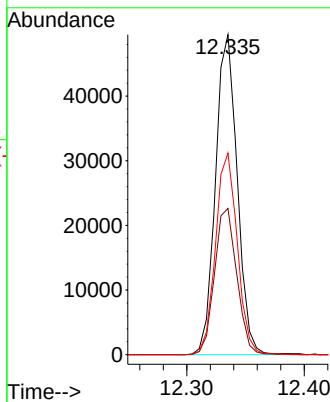
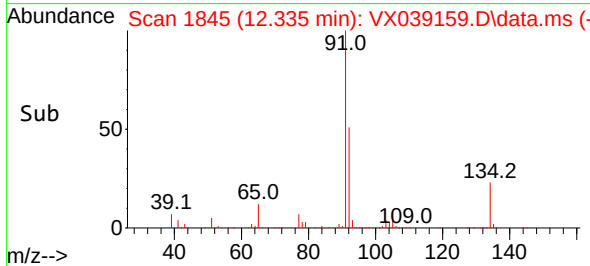
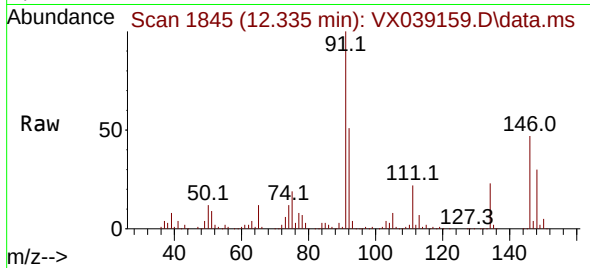
#91
1,2-Dichlorobenzene
Concen: 19.880 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01

Tgt Ion:146 Resp: 63700
Ion Ratio Lower Upper
146 100
111 47.1 22.4 67.0
148 63.0 31.6 95.0

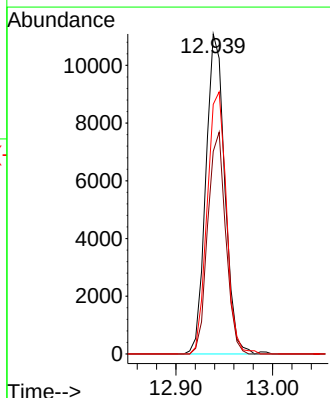
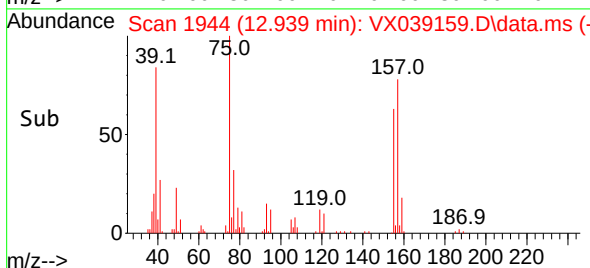
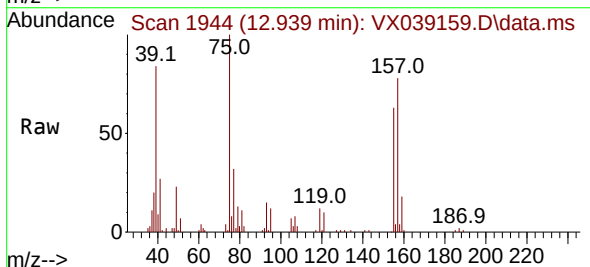
Manual Integrations
APPROVED

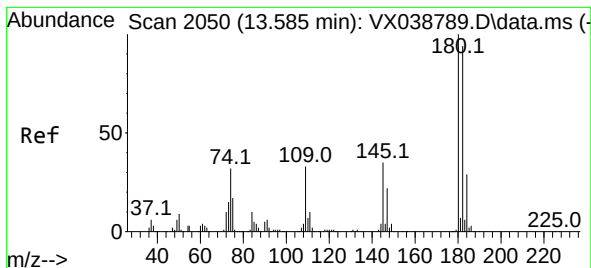
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.555 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

Tgt Ion: 75 Resp: 15094
Ion Ratio Lower Upper
75 100
155 65.9 36.1 108.5
157 82.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.821 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD01

Tgt Ion:180 Resp: 4256

Ion Ratio Lower Upper

180 100

182 94.5 48.3 144.8

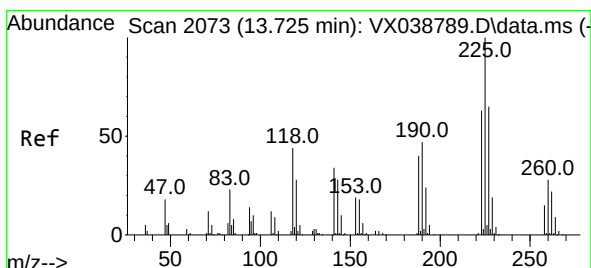
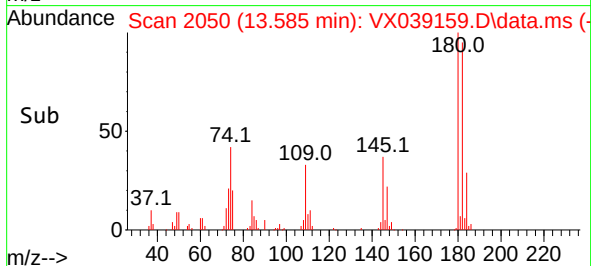
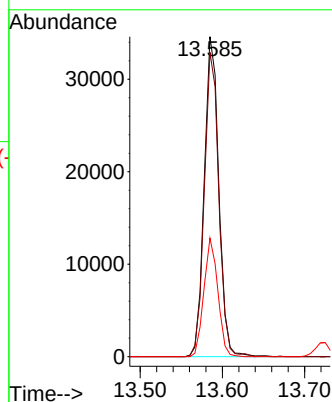
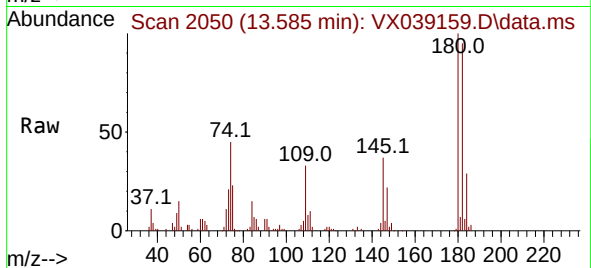
145 35.5 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#94

Hexachlorobutadiene

Concen: 20.163 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039159.D

Acq: 12 Dec 2023 12:45

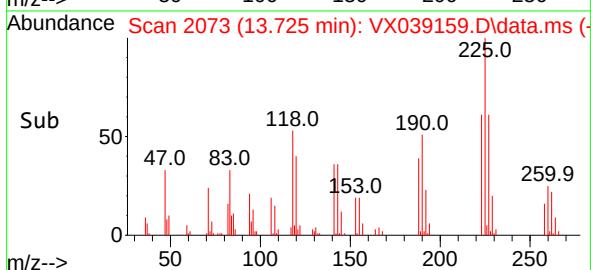
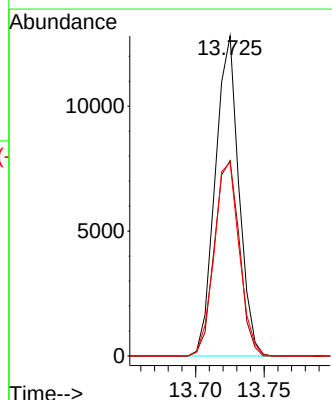
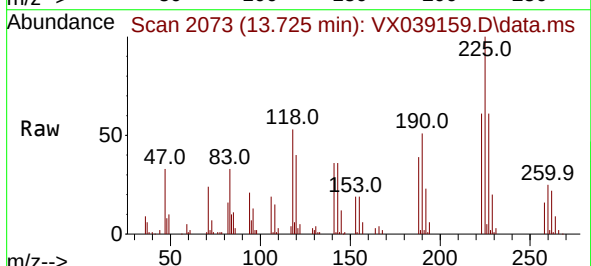
Tgt Ion:225 Resp: 15332

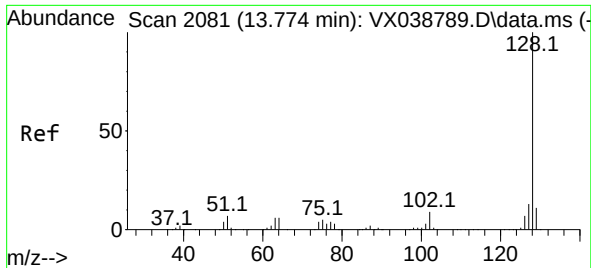
Ion Ratio Lower Upper

225 100

223 64.3 31.1 93.2

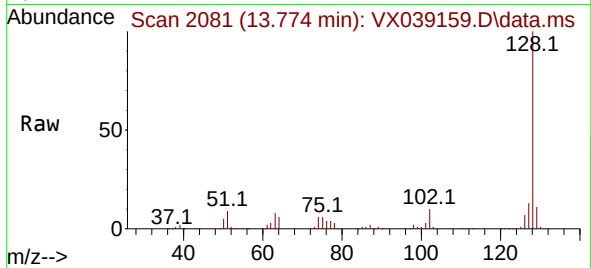
227 64.5 32.5 97.5





#95
Naphthalene
Concen: 18.791 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45

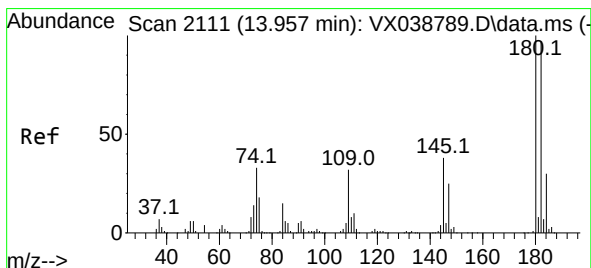
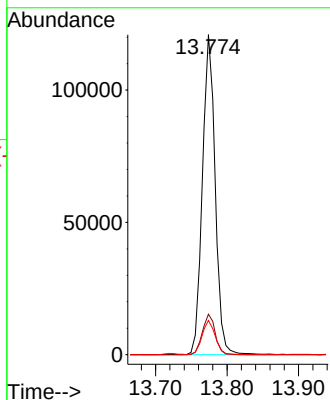
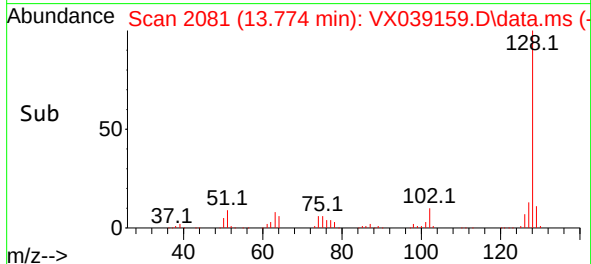
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD01



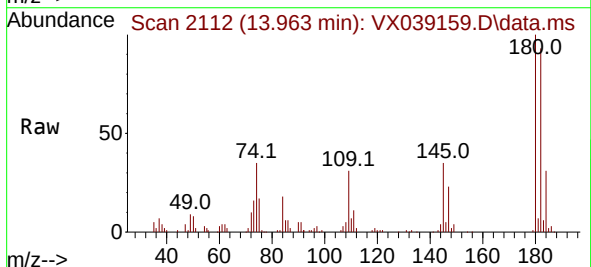
Tgt Ion:128 Resp: 150279
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.212 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039159.D
Acq: 12 Dec 2023 12:45



Tgt Ion:180 Resp: 41141
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.6
145 36.7 17.8 53.5

