

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038698.D
 Acq On : 10 Nov 2023 02:24
 Operator : JC/MD
 Sample : VX1109WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 10 05:12:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	316796	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	492237	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189920	48.154	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.300%		
35) Dibromofluoromethane	5.385	113	171568	48.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	8.647	98	609048	48.008	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.020%		
62) 4-Bromofluorobenzene	11.079	95	238077	48.403	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	59076	17.957	ug/l	99
3) Chloromethane	1.294	50	46515	16.358	ug/l	97
4) Vinyl Chloride	1.374	62	53565	17.695	ug/l	100
5) Bromomethane	1.605	94	43573	18.649	ug/l	98
6) Chloroethane	1.691	64	33383	17.417	ug/l	99
7) Trichlorofluoromethane	1.892	101	97969	18.772	ug/l	100
8) Diethyl Ether	2.136	74	32138	17.939	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	56280	18.238	ug/l	89
10) Methyl Iodide	2.453	142	76949	20.191	ug/l	92
11) Tert butyl alcohol	2.953	59	62216	77.166	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	53818	18.203	ug/l	82
13) Acrolein	2.233	56	45773	74.905	ug/l	100
14) Allyl chloride	2.666	41	71489	16.882	ug/l #	93
15) Acrylonitrile	3.062	53	157896	92.796	ug/l	99
16) Acetone	2.373	43	132648	79.860	ug/l	91
17) Carbon Disulfide	2.514	76	133216	16.958	ug/l	98
18) Methyl Acetate	2.703	43	140059	19.792	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	174744	18.483	ug/l	96
20) Methylene Chloride	2.794	84	60255	17.995	ug/l #	77
21) trans-1,2-Dichloroethene	3.093	96	59298	18.423	ug/l	83
22) Diisopropyl ether	3.757	45	146122	18.308	ug/l #	94
23) Vinyl Acetate	3.721	43	465862	82.237	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	94318	17.862	ug/l	96
25) 2-Butanone	4.556	43	210757	87.590	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	62162	13.483	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	68787	18.507	ug/l	82
28) Bromochloromethane	4.897	49	50640	21.340	ug/l #	57
29) Tetrahydrofuran	5.001	42	136357	91.083	ug/l #	82
30) Chloroform	5.093	83	112667	18.185	ug/l	95
31) Cyclohexane	5.470	56	76666	17.564	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	97754	17.929	ug/l	95
36) 1,1-Dichloropropene	5.696	75	77361	17.567	ug/l	93
37) Ethyl Acetate	4.715	43	77204	17.171	ug/l #	93
38) Carbon Tetrachloride	5.678	117	88706	18.018	ug/l	97
39) Methylcyclohexane	7.379	83	92823	16.858	ug/l	89
40) Benzene	6.037	78	226815	17.881	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	39841	17.393	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	84360	18.432	ug/l	94
43) Isopropyl Acetate	6.342	43	117988	17.069	ug/l #	90
44) Trichloroethene	7.129	130	71036	17.999	ug/l	90
45) 1,2-Dichloropropane	7.434	63	55341	18.048	ug/l	95
46) Dibromomethane	7.580	93	45702	17.822	ug/l #	85
47) Bromodichloromethane	7.824	83	83682	17.352	ug/l	95
48) Methyl methacrylate	7.696	41	59181	17.765	ug/l #	84
49) 1,4-Dioxane	7.659	88	24269	320.013	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	406618	90.284	ug/l	91
52) Toluene	8.720	92	150876	18.158	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	80496	16.395	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	88391	17.053	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	65712	18.638	ug/l	96
56) Ethyl methacrylate	9.116	69	88991	18.041	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	101094	18.410	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	245839	101.365	ug/l	90
59) 2-Hexanone	9.427	43	318815	87.487	ug/l	90
60) Dibromochloromethane	9.519	129	69424	17.541	ug/l	99
61) 1,2-Dibromoethane	9.610	107	72126	18.203	ug/l	99
64) Tetrachloroethene	9.275	164	66889	18.981	ug/l	95
65) Chlorobenzene	10.079	112	175226	18.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	65653	18.223	ug/l	98
67) Ethyl Benzene	10.195	91	292596	18.049	ug/l	97
68) m/p-Xylenes	10.299	106	233373	36.271	ug/l	95
69) o-Xylene	10.640	106	113586	18.154	ug/l	94
70) Styrene	10.652	104	185895	18.002	ug/l	96
71) Bromoform	10.799	173	54456	17.125	ug/l #	99
73) Isopropylbenzene	10.963	105	300222	18.567	ug/l	98
74) N-amyl acetate	10.841	43	93722	16.681	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	100748	18.023	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	93202m	17.855	ug/l	
77) Bromobenzene	11.195	156	80859	18.220	ug/l	81
78) n-propylbenzene	11.305	91	339985	18.068	ug/l	97
79) 2-Chlorotoluene	11.366	91	206483	18.329	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	255381	18.351	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23852	15.853	ug/l	89
82) 4-Chlorotoluene	11.457	91	240305	18.259	ug/l	93
83) tert-Butylbenzene	11.713	119	253883	18.004	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	254165	18.414	ug/l	96
85) sec-Butylbenzene	11.890	105	315840	17.950	ug/l	97
86) p-Isopropyltoluene	12.006	119	270853	18.070	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	152527	17.977	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	157164	18.021	ug/l	98
89) n-Butylbenzene	12.335	91	227426	17.050	ug/l	96
90) Hexachloroethane	12.536	117	42725	16.828	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	148281	17.895	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23980	17.068	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	105538	17.807	ug/l	96
94) Hexachlorobutadiene	13.725	225	44633	17.453	ug/l	99
95) Naphthalene	13.774	128	329972	18.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	105238	18.015	ug/l	97

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ClientSampleId :
VX1109WBSD02

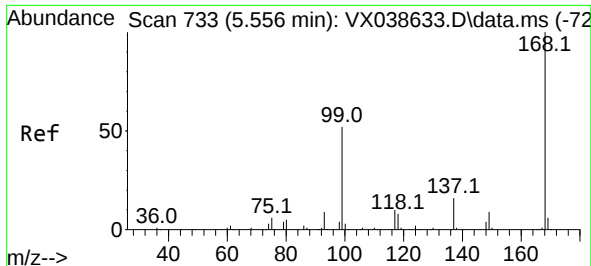
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

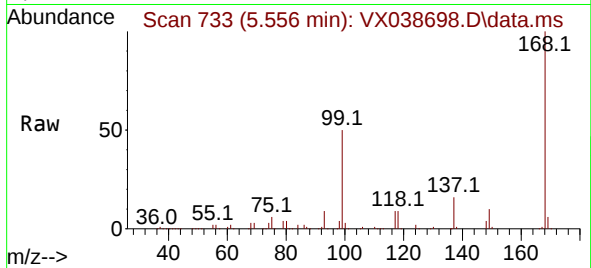
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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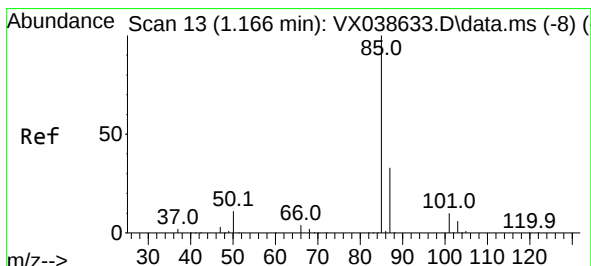
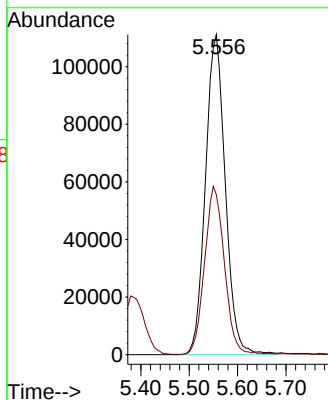
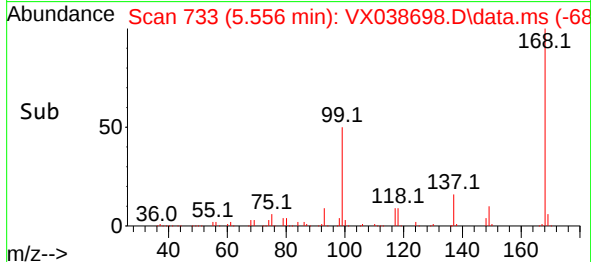
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



Tgt Ion:168 Resp: 316790
Ion Ratio Lower Upper
168 100
99 50.0 56.6 85.0

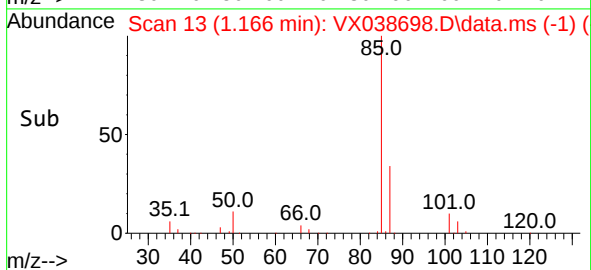
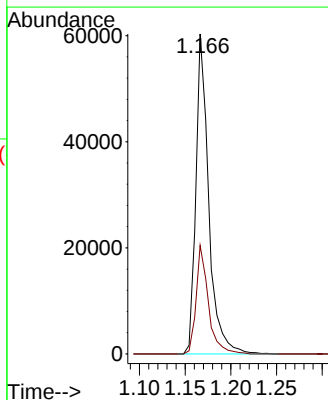
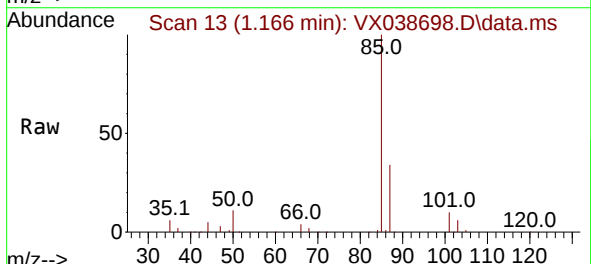
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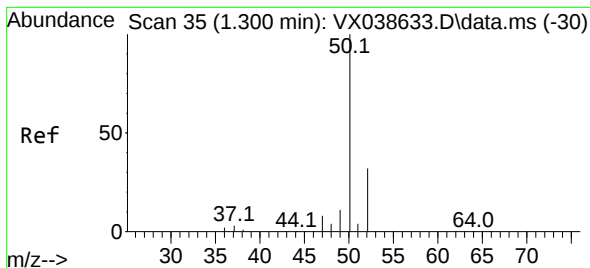
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#2
Dichlorodifluoromethane
Concen: 17.957 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Tgt Ion: 85 Resp: 59076
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.1





#3

Chloromethane

Concen: 16.358 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion: 50 Resp: 4651

Ion Ratio Lower Upper

50 100

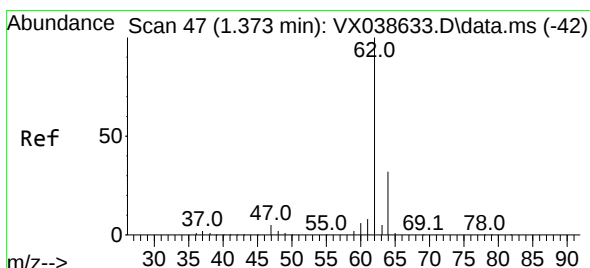
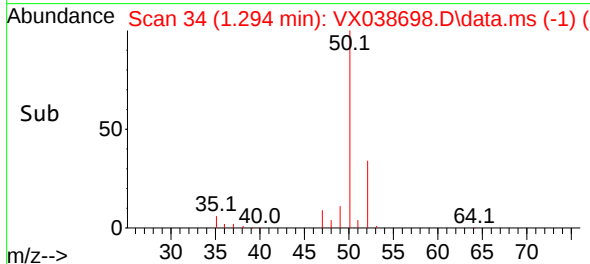
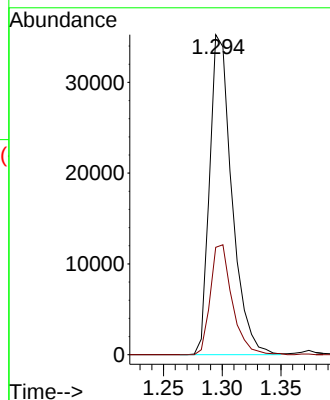
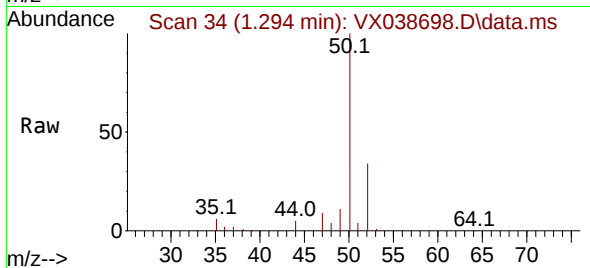
52 33.5 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#4

Vinyl Chloride

Concen: 17.695 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038698.D

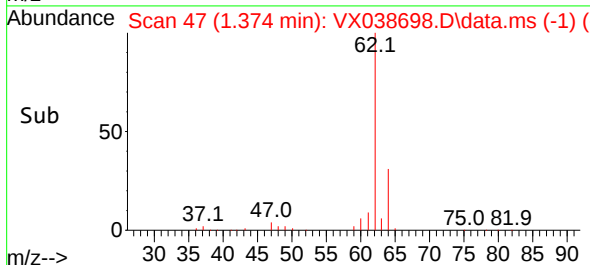
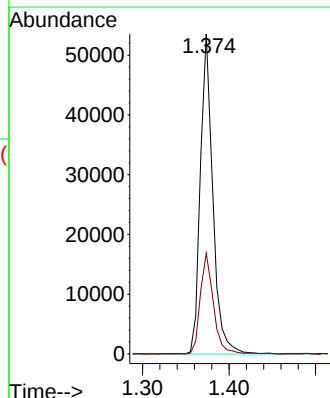
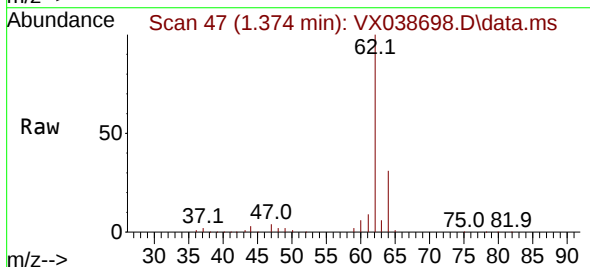
Acq: 10 Nov 2023 02:24

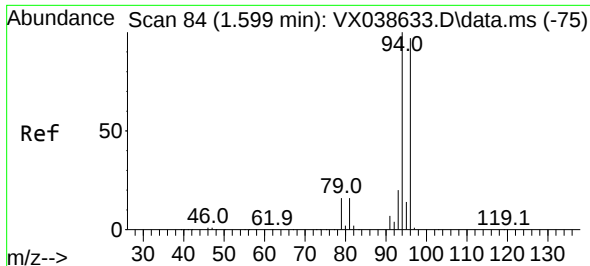
Tgt Ion: 62 Resp: 53565

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





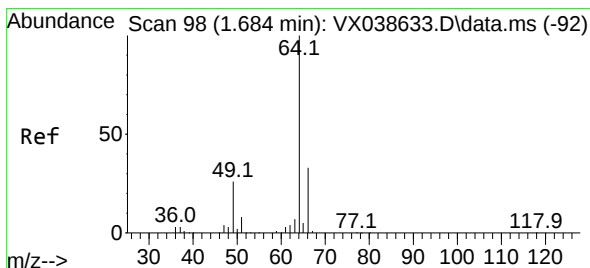
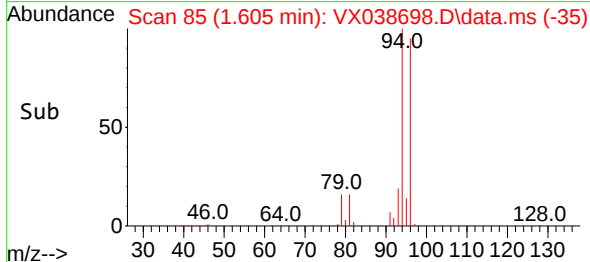
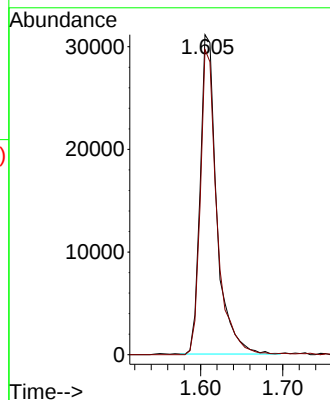
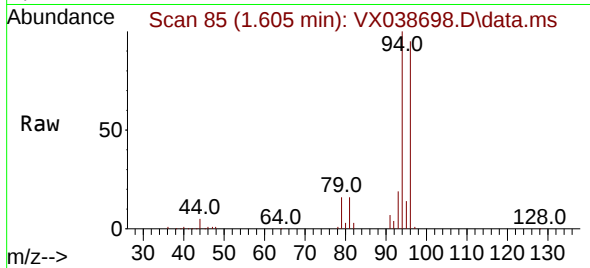
#5
Bromomethane
Concen: 18.649 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Instrument :
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Tgt Ion: 94 Resp: 4357
Ion Ratio Lower Upper
94 100
96 95.5 74.6 111.8

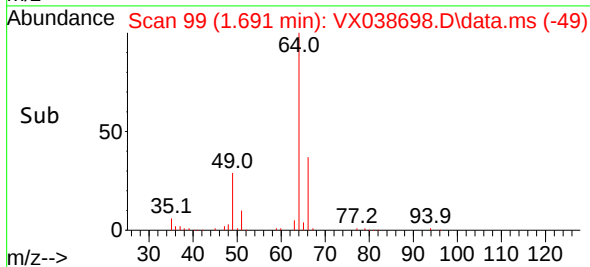
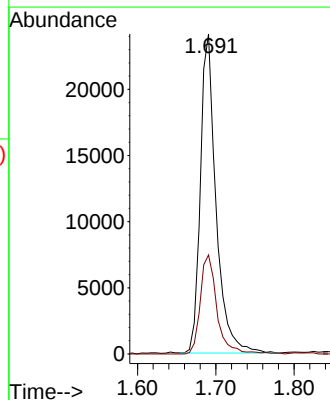
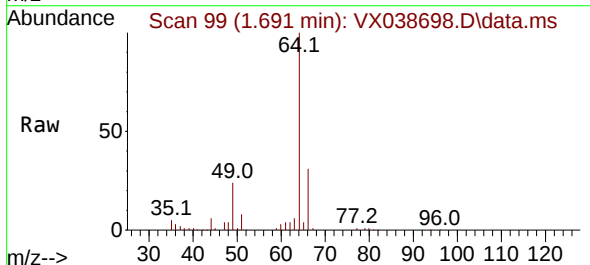
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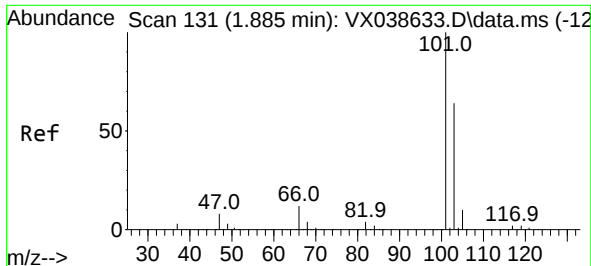
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#6
Chloroethane
Concen: 17.417 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Tgt Ion: 64 Resp: 33383
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





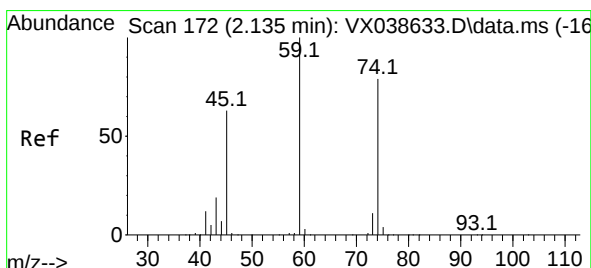
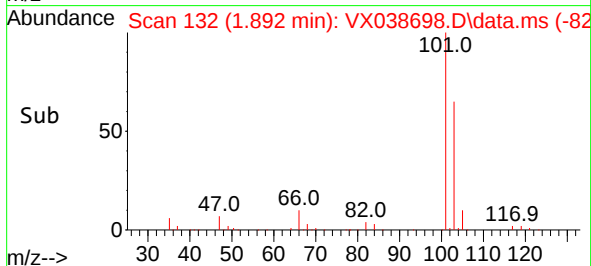
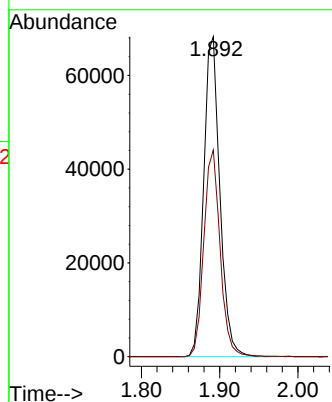
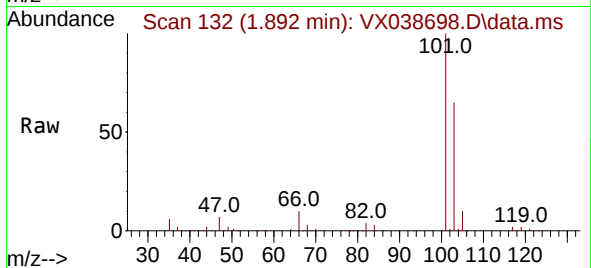
#7
 Trichlorofluoromethane
 Concen: 18.772 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038698.D
 Acq: 10 Nov 2023 02:24

Instrument :
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 ClientSampleId :
 VX1109WBSD02

Tgt Ion:101 Resp: 97969
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2

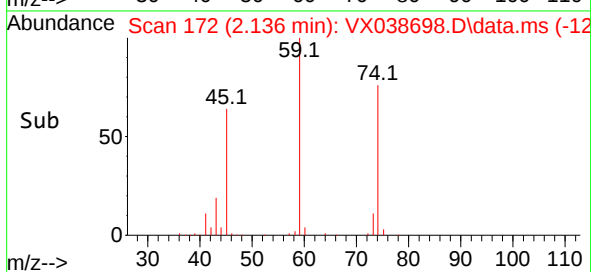
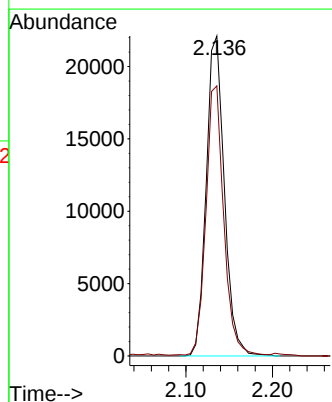
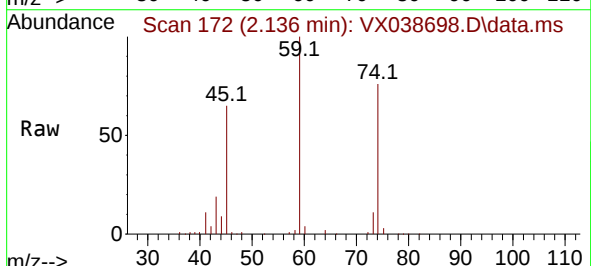
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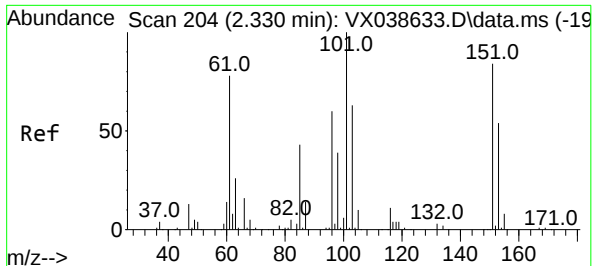
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#8
 Diethyl Ether
 Concen: 17.939 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX038698.D
 Acq: 10 Nov 2023 02:24

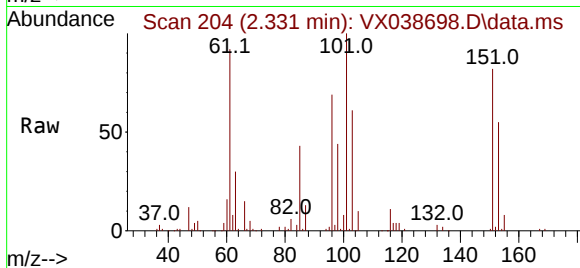
Tgt Ion: 74 Resp: 32138
 Ion Ratio Lower Upper
 74 100
 45 82.8 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.238 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038698.D
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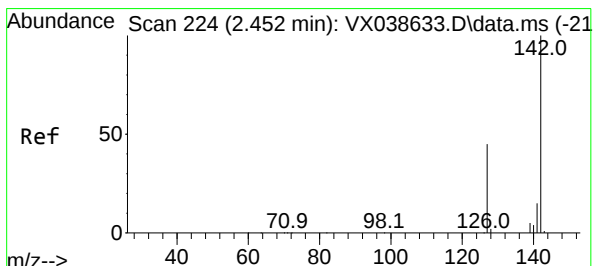
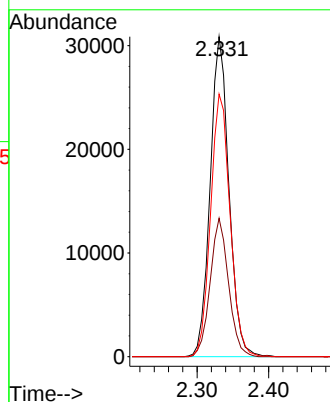
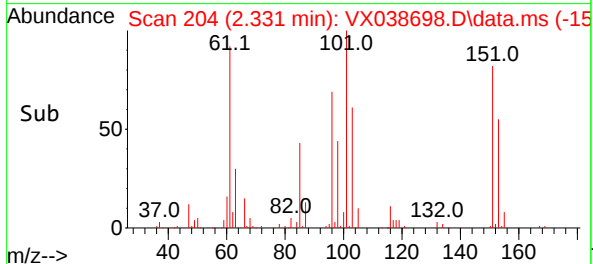
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



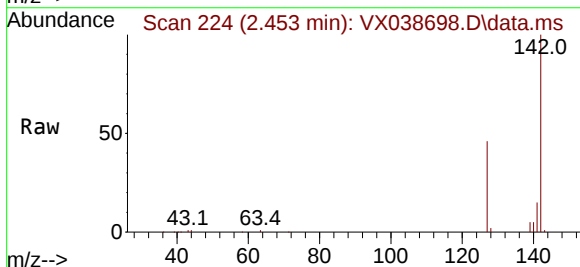
Tgt Ion:101 Resp: 56280
Ion Ratio Lower Upper
101 100
85 42.3 37.0 55.6
151 85.1 58.6 87.8

Manual Integrations
APPROVED

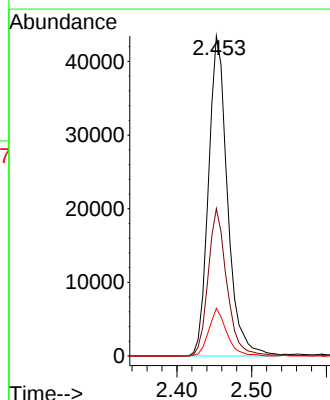
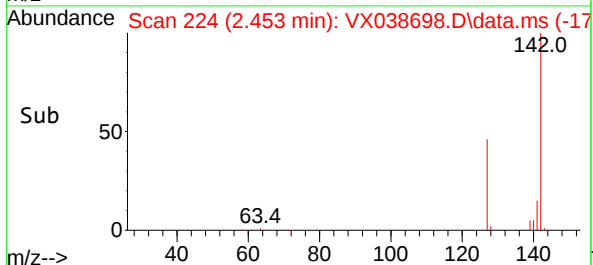
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

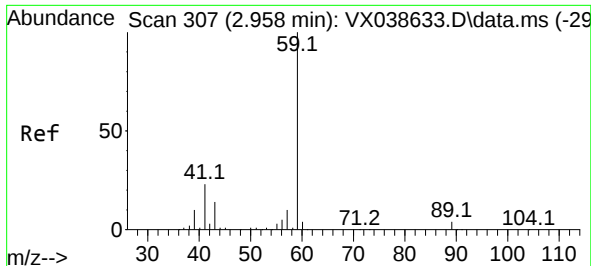


#10
Methyl Iodide
Concen: 20.191 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24



Tgt Ion:142 Resp: 76949
Ion Ratio Lower Upper
142 100
127 45.4 41.6 62.4
141 14.0 11.6 17.4





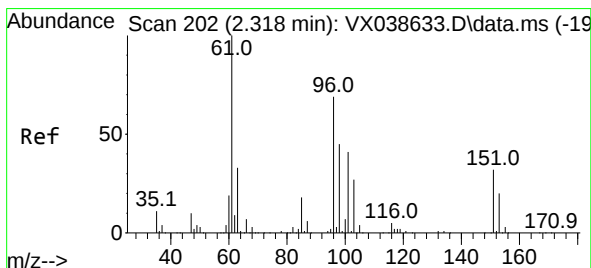
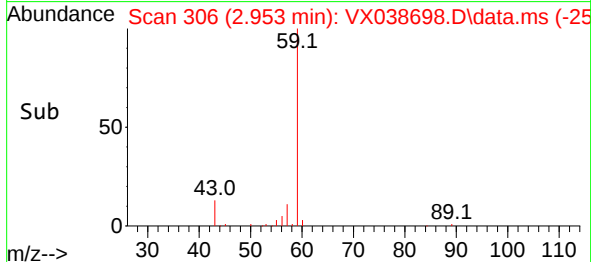
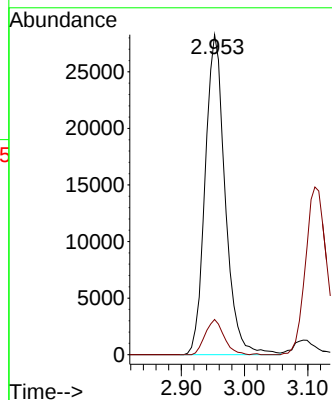
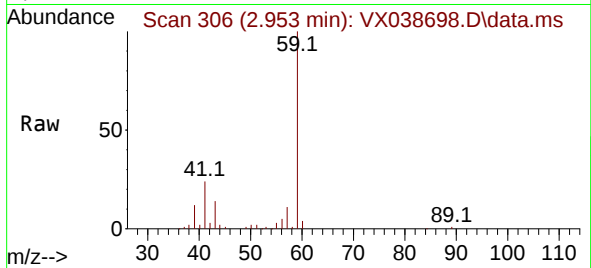
#11
Tert butyl alcohol
Concen: 77.166 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02

Tgt Ion: 59 Resp: 62210
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

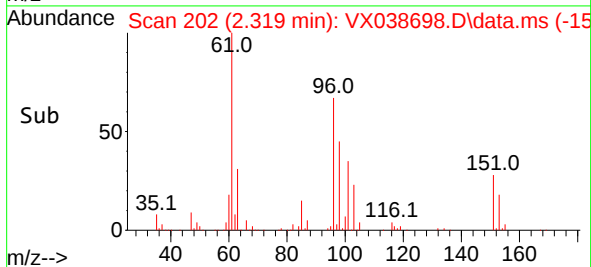
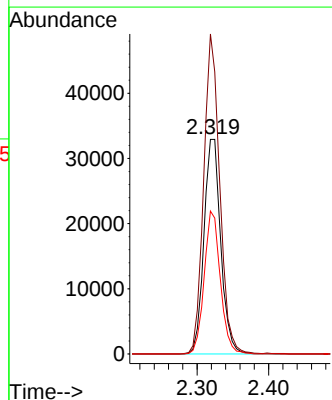
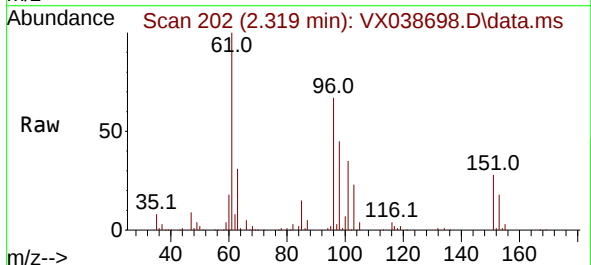
Manual Integrations
APPROVED

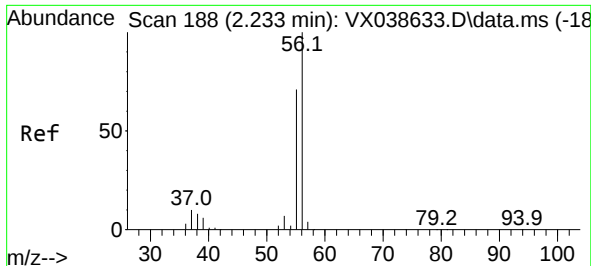
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#12
1,1-Dichloroethene
Concen: 18.203 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

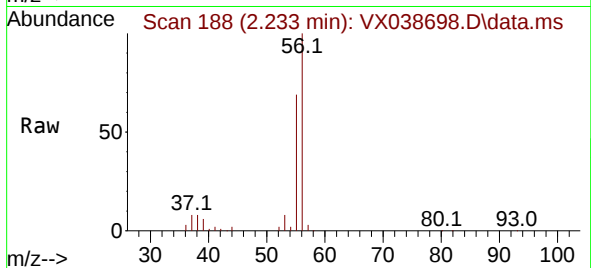
Tgt Ion: 96 Resp: 53818
Ion Ratio Lower Upper
96 100
61 149.1 144.6 216.8
98 66.6 50.4 75.6





#13
Acrolein
Concen: 74.905 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

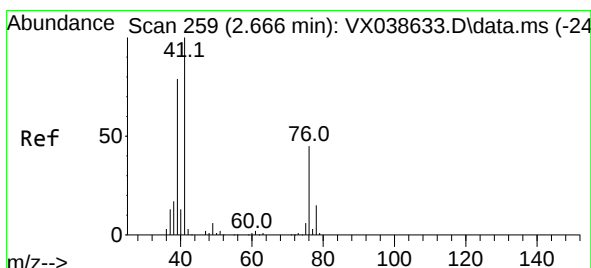
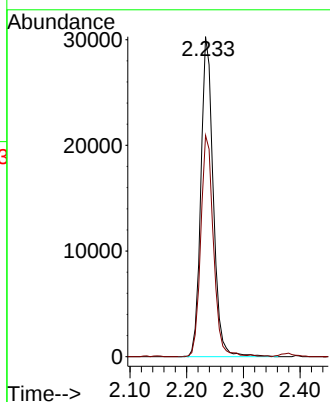
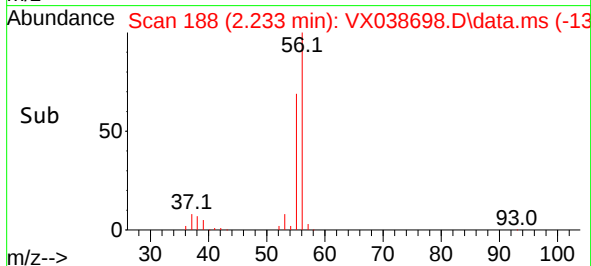
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



Tgt Ion: 56 Resp: 45773
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7

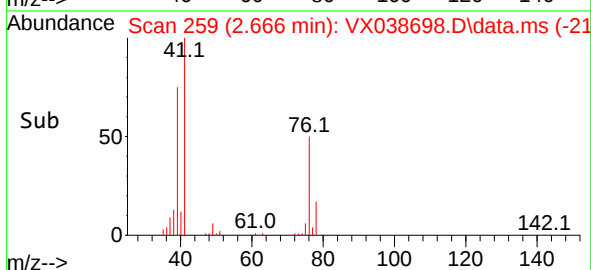
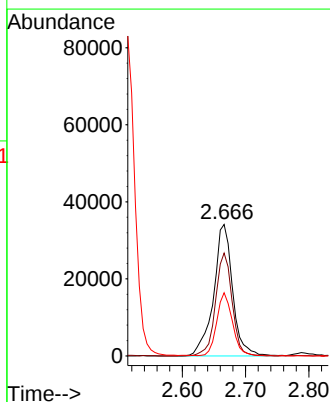
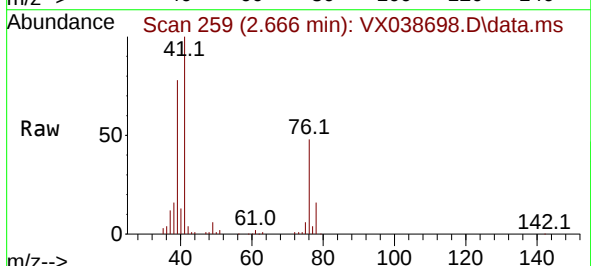
Manual Integrations
APPROVED

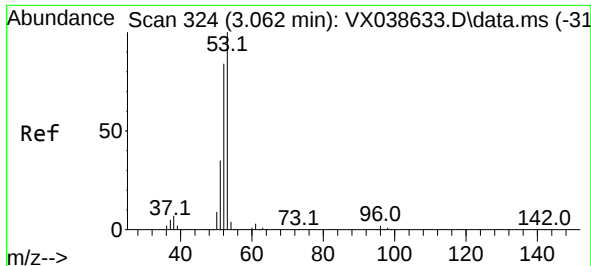
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#14
Allyl chloride
Concen: 16.882 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

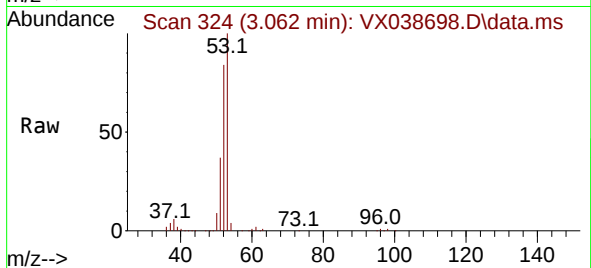
Tgt Ion: 41 Resp: 71489
Ion Ratio Lower Upper
41 100
39 67.9 55.8 83.6
76 39.5 24.3 36.5





#15
Acrylonitrile
Concen: 92.796 ug/l
RT: 3.062 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

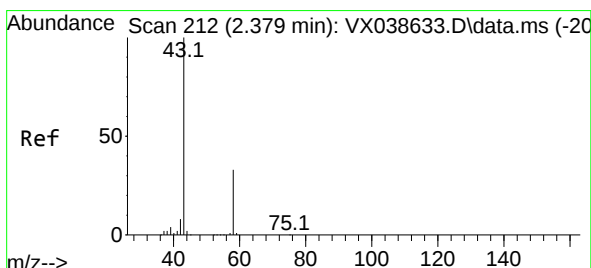
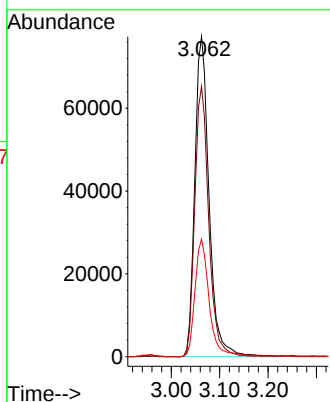
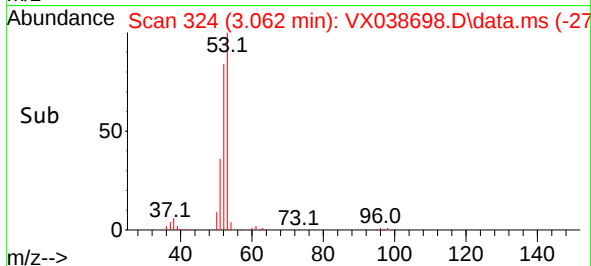
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



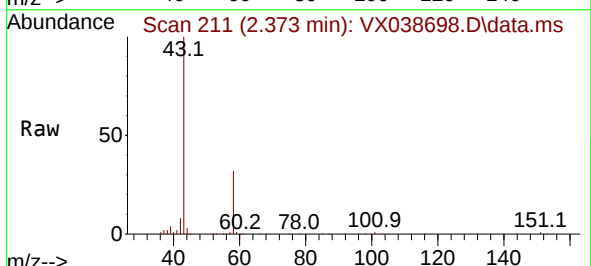
Tgt Ion: 53 Resp: 157890
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 36.3 29.8 44.6

Manual Integrations
APPROVED

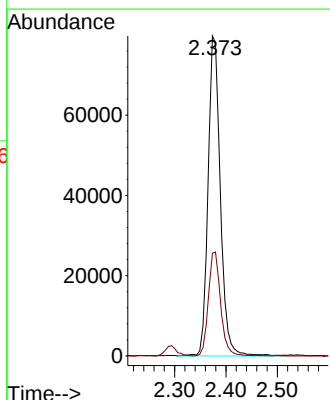
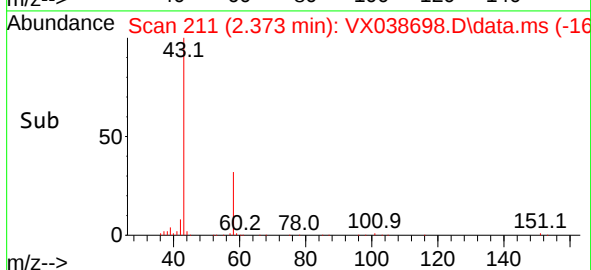
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

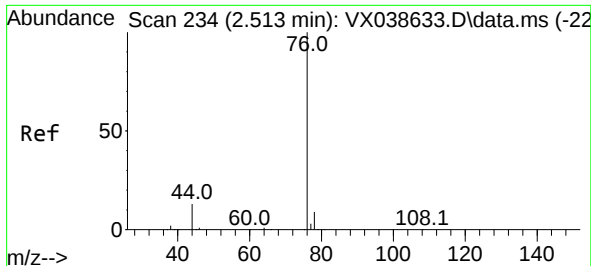


#16
Acetone
Concen: 79.860 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24



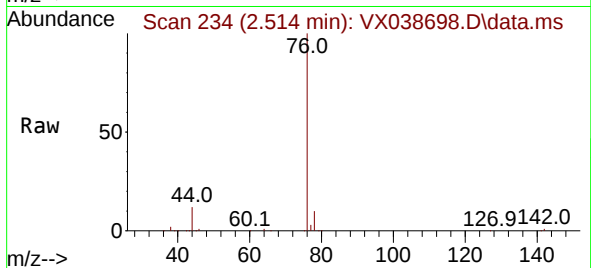
Tgt Ion: 43 Resp: 132648
Ion Ratio Lower Upper
43 100
58 32.0 21.9 32.9





#17
Carbon Disulfide
Concen: 16.958 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

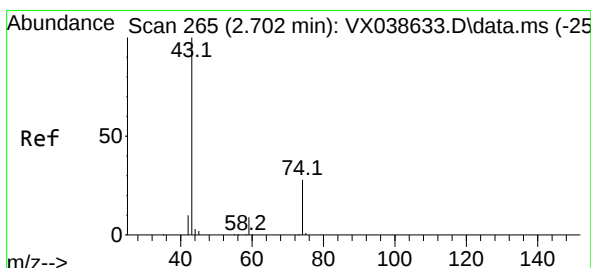
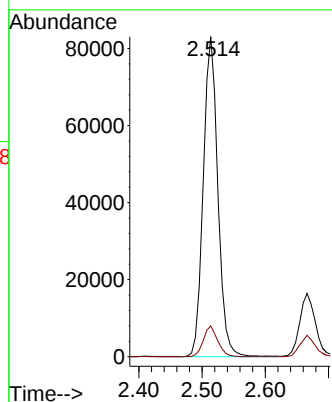
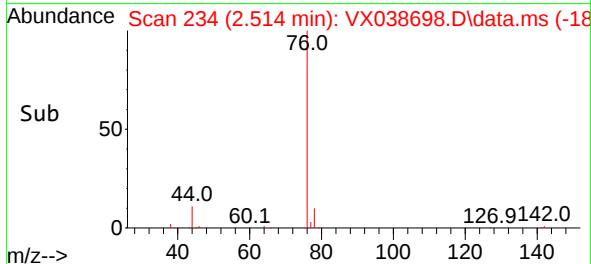
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



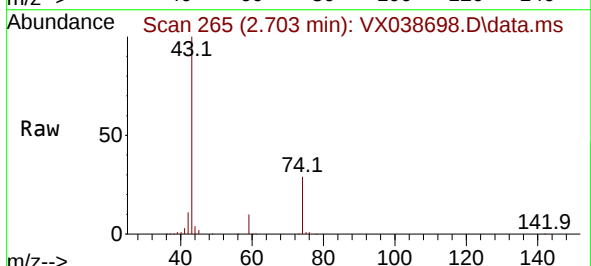
Tgt Ion: 76 Resp: 133210
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

Manual Integrations
APPROVED

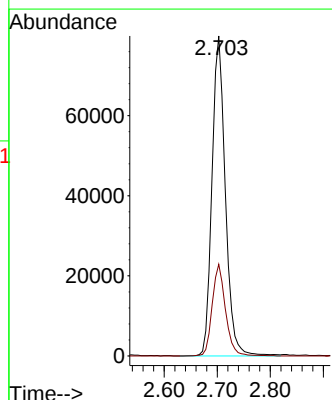
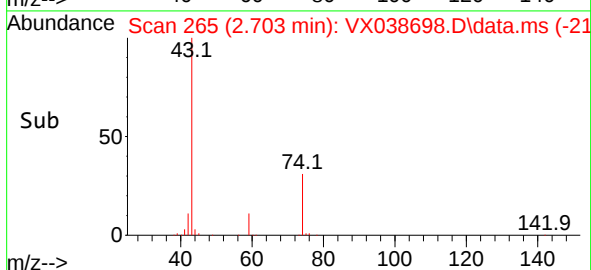
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

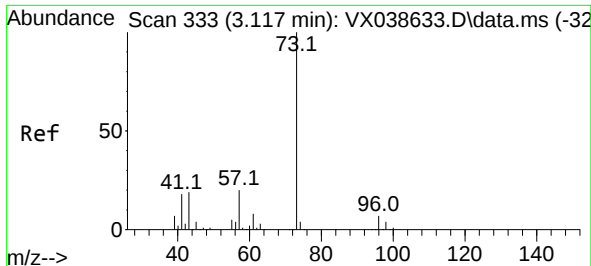


#18
Methyl Acetate
Concen: 19.792 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24



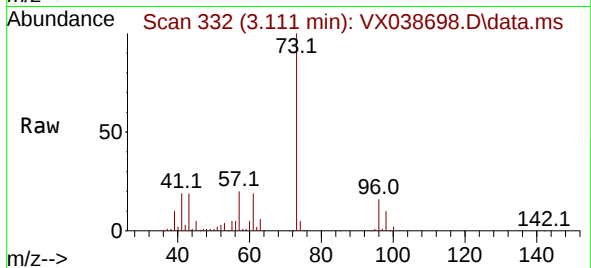
Tgt Ion: 43 Resp: 140059
Ion Ratio Lower Upper
43 100
74 28.5 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 18.483 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

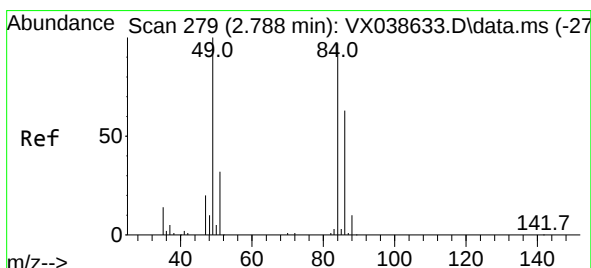
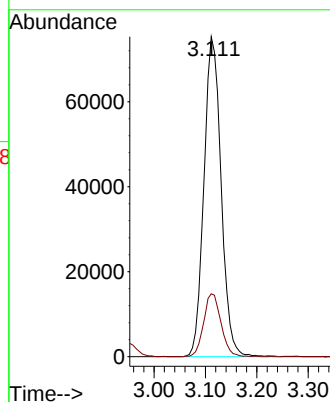
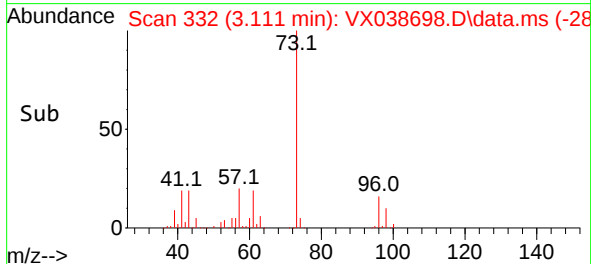
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



Tgt Ion: 73 Resp: 174744
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9

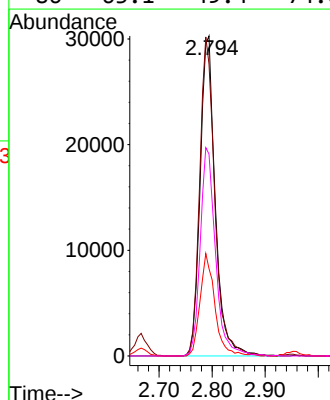
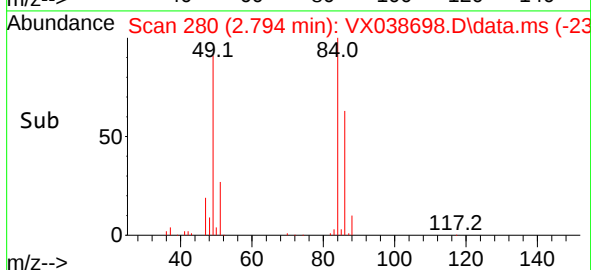
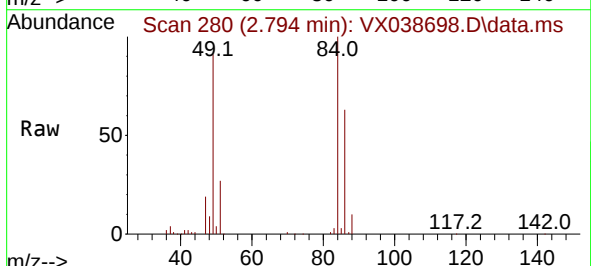
Manual Integrations
APPROVED

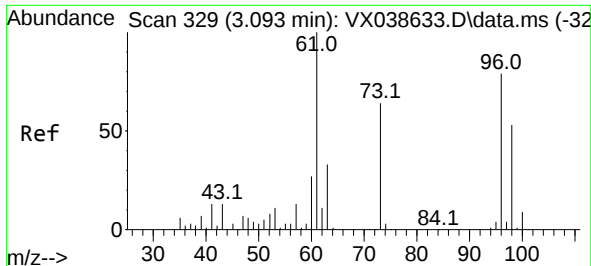
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#20
Methylene Chloride
Concen: 17.995 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

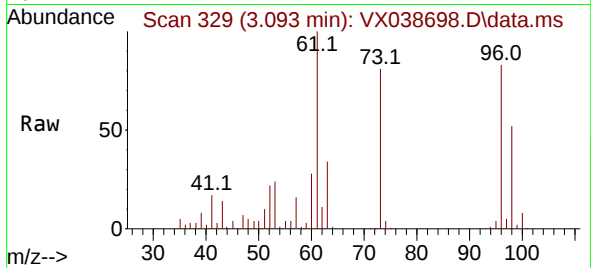
Tgt Ion: 84 Resp: 60255
Ion Ratio Lower Upper
84 100
49 91.2 103.6 155.4#
51 27.3 33.8 50.6#
86 63.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.423 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

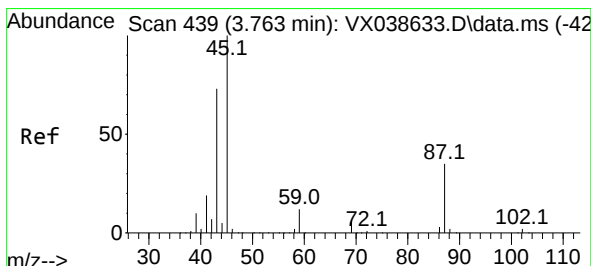
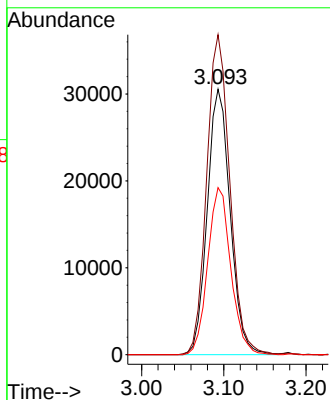
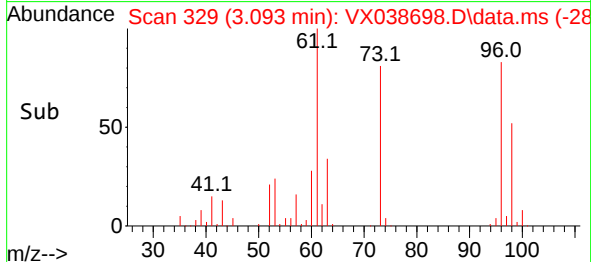
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



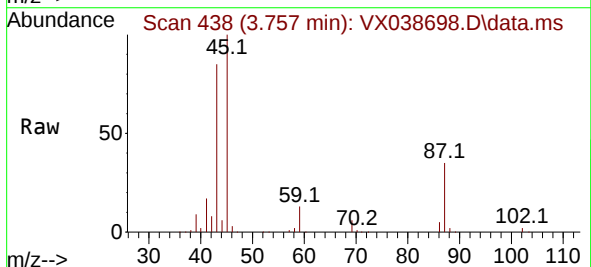
Tgt Ion: 96 Resp: 59298
Ion Ratio Lower Upper
96 100
61 120.6 119.2 178.8
98 63.0 48.7 73.1

Manual Integrations
APPROVED

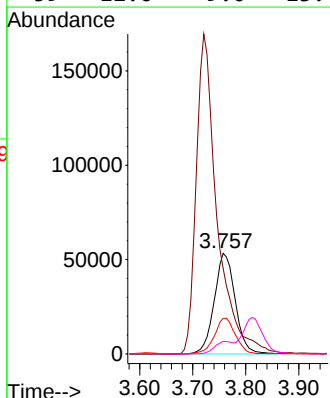
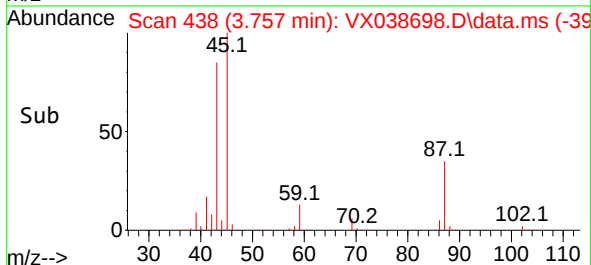
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

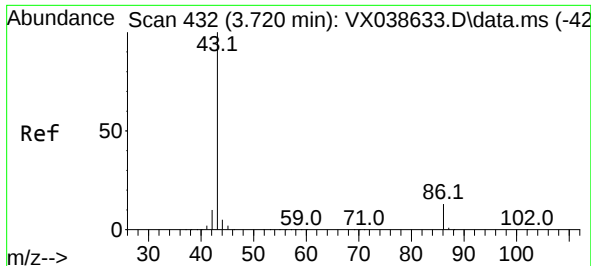


#22
Diisopropyl ether
Concen: 18.308 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24



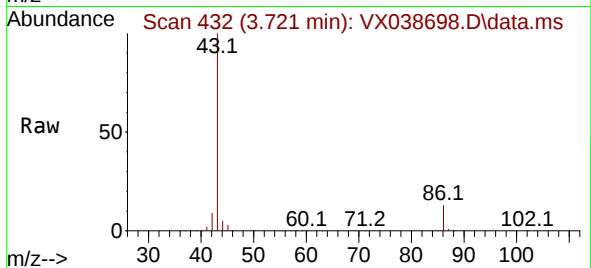
Tgt Ion: 45 Resp: 146122
Ion Ratio Lower Upper
45 100
43 84.9 69.7 104.5
87 35.2 20.8 31.2#
59 12.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 82.237 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038698.D
 Acq: 10 Nov 2023 02:24

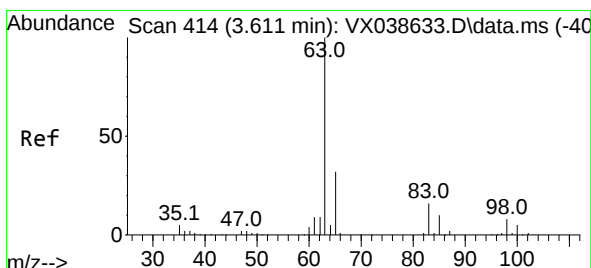
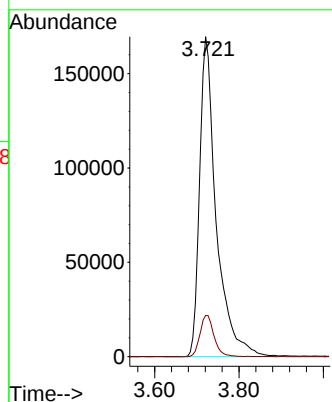
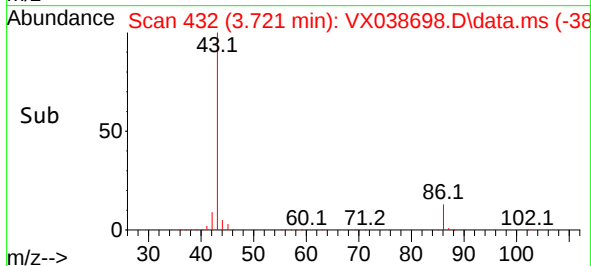
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD02



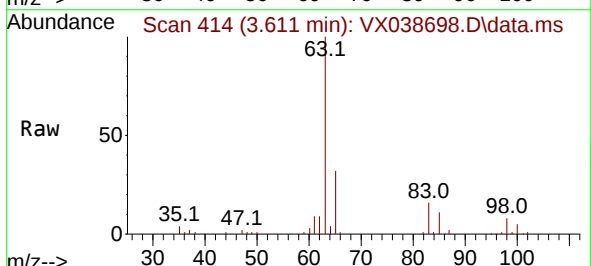
Tgt Ion: 43 Resp: 465862
 Ion Ratio Lower Upper
 43 100
 86 12.9 7.8 11.8

Manual Integrations
 APPROVED

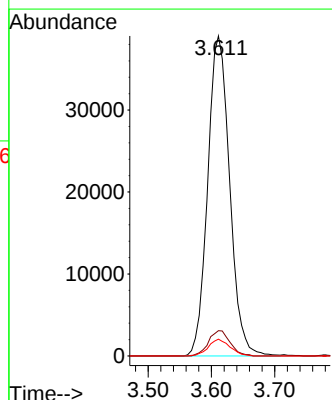
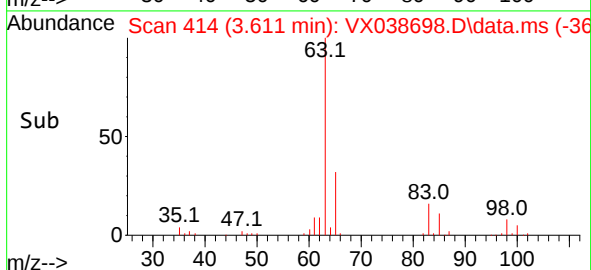
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/13/2023

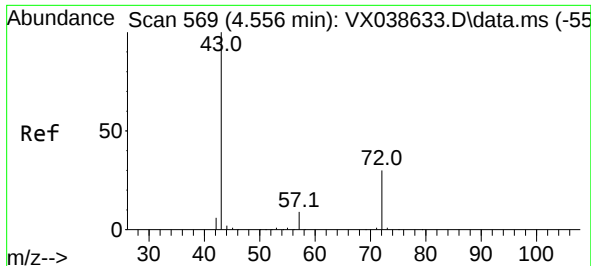


#24
 1,1-Dichloroethane
 Concen: 17.862 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038698.D
 Acq: 10 Nov 2023 02:24



Tgt Ion: 63 Resp: 94318
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.8
 100 5.3 2.1 6.5





#25

2-Butanone

Concen: 87.590 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion: 43 Resp: 21075

Ion Ratio Lower Upper

43 100

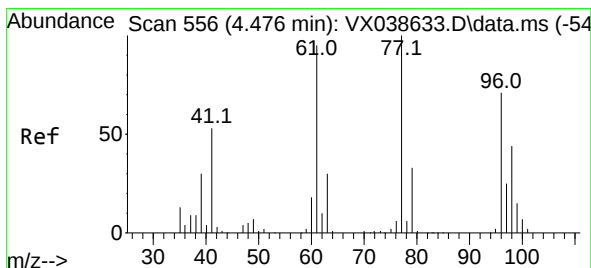
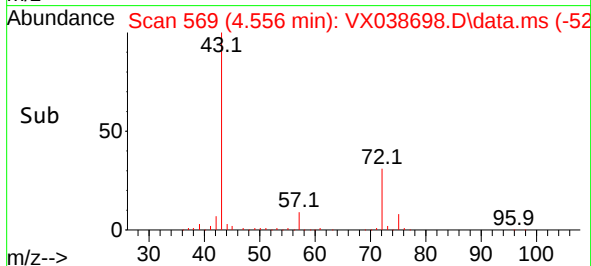
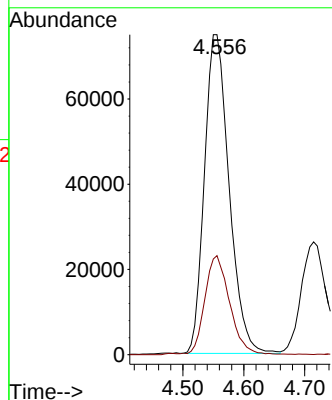
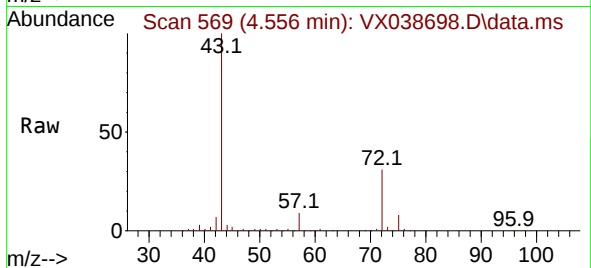
72 30.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#26

2,2-Dichloropropane

Concen: 13.483 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038698.D

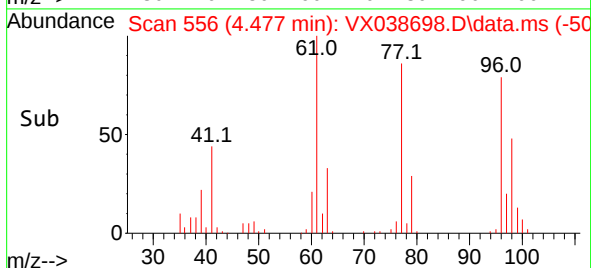
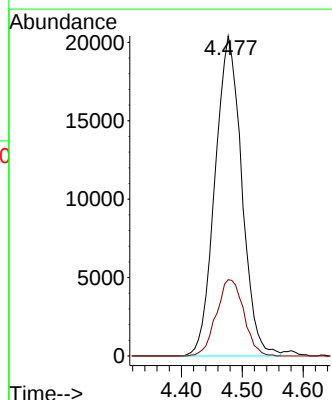
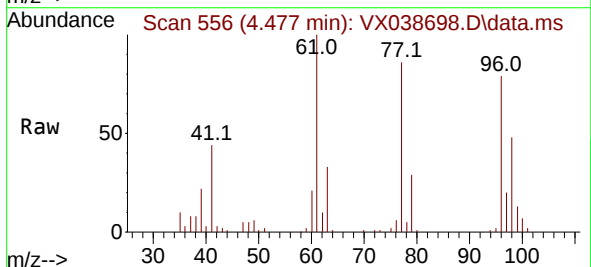
Acq: 10 Nov 2023 02:24

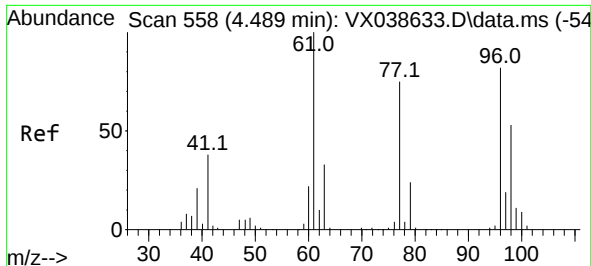
Tgt Ion: 77 Resp: 62162

Ion Ratio Lower Upper

77 100

97 24.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.507 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion: 96 Resp: 6878

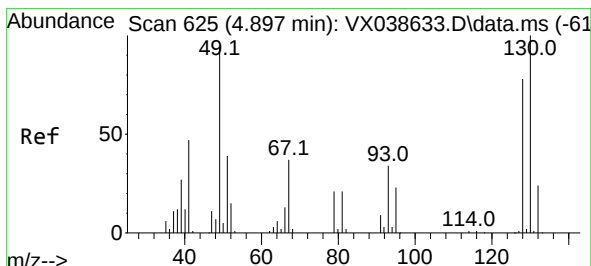
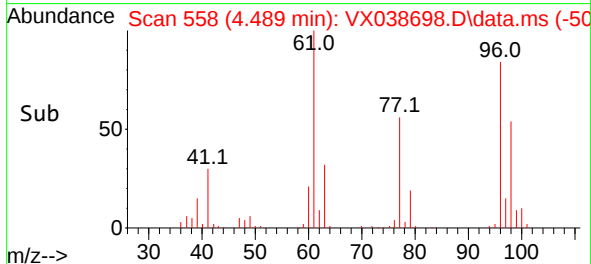
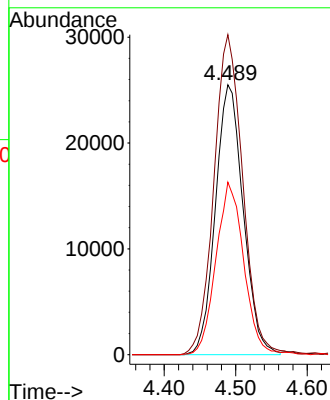
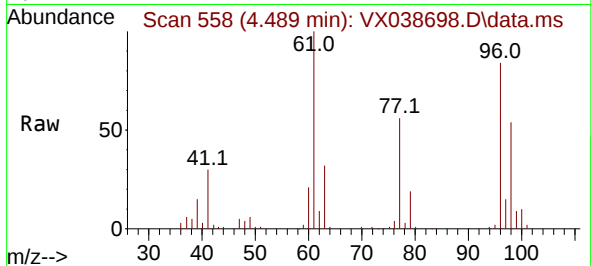
Ion	Ratio	Lower	Upper
96	100		
61	123.3	0.0	312.2
98	64.2	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#28

Bromochloromethane

Concen: 21.340 ug/l

RT: 4.897 min Scan# 625

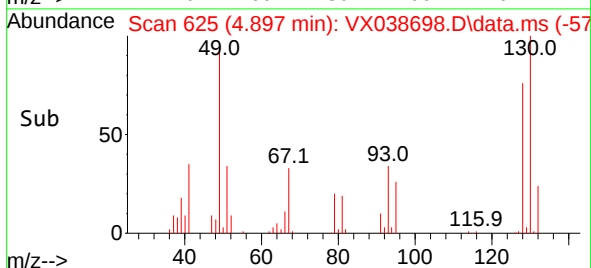
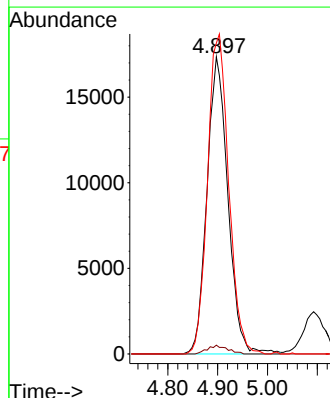
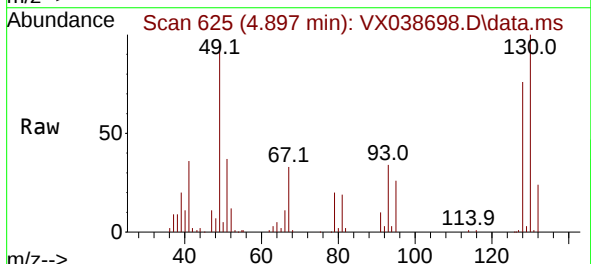
Delta R.T. 0.000 min

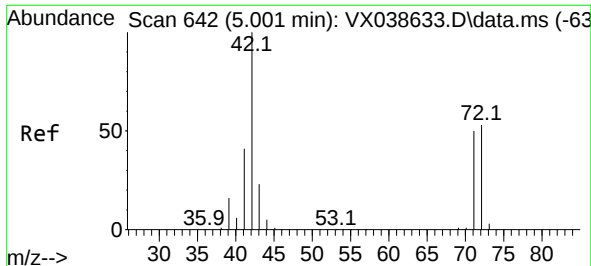
Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Tgt Ion: 49 Resp: 50640

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	3.8
130	108.6	57.5	86.3





#29

Tetrahydrofuran

Concen: 91.083 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion: 42 Resp: 13635

Ion Ratio Lower Upper

42 100

72 54.3 34.2 51.4

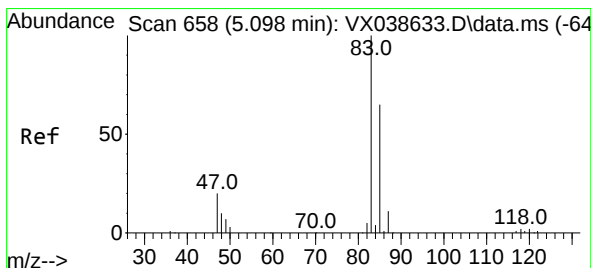
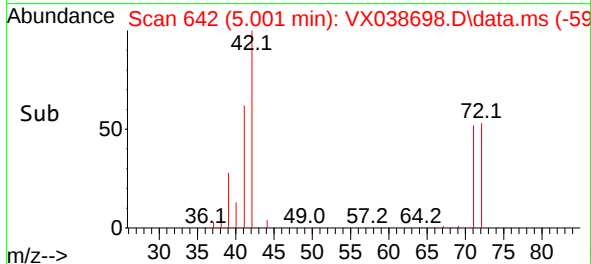
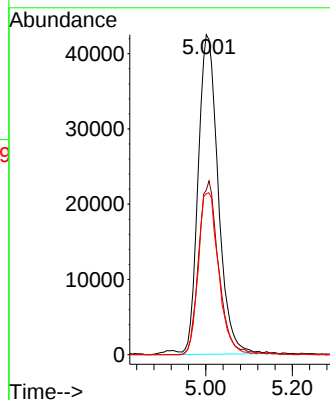
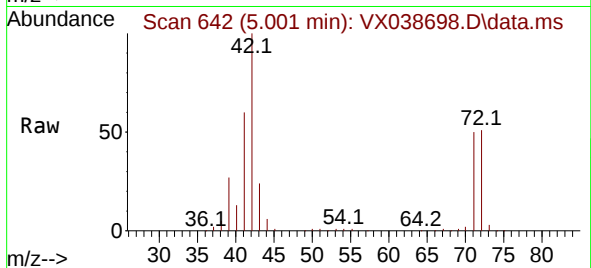
71 51.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#30

Chloroform

Concen: 18.185 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX038698.D

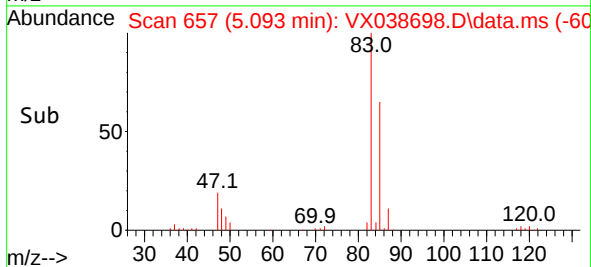
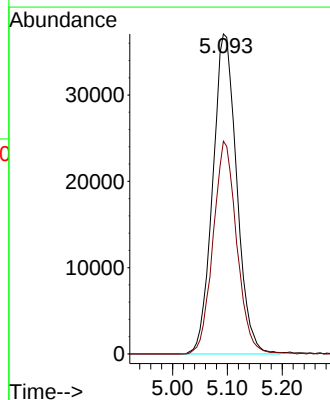
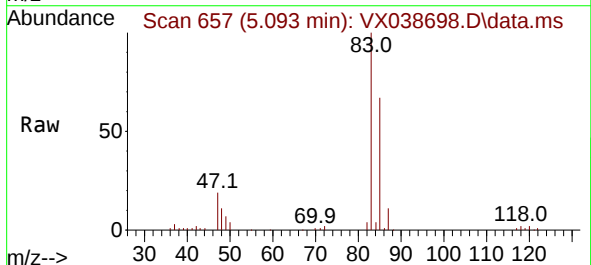
Acq: 10 Nov 2023 02:24

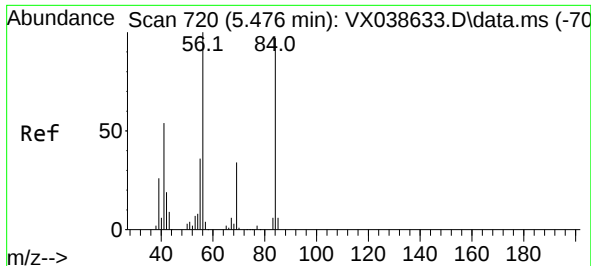
Tgt Ion: 83 Resp: 112667

Ion Ratio Lower Upper

83 100

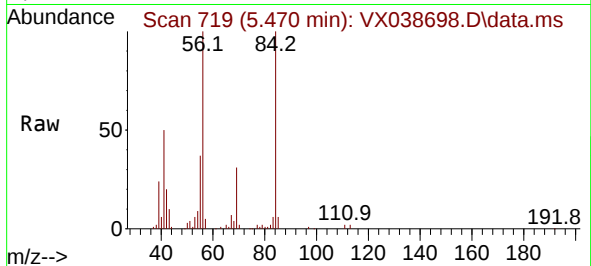
85 66.5 50.3 75.5





#31
Cyclohexane
Concen: 17.564 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

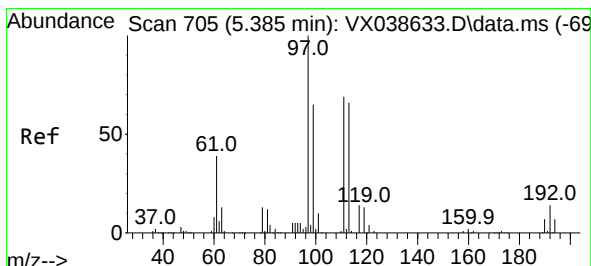
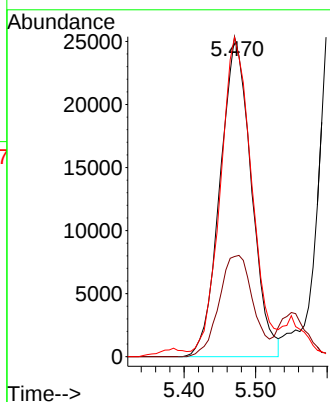
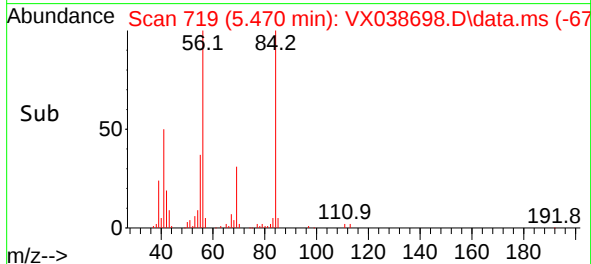
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



Tgt Ion: 56 Resp: 7666
Ion Ratio Lower Upper
56 100
69 31.3 23.4 35.2
84 97.9 65.9 98.9

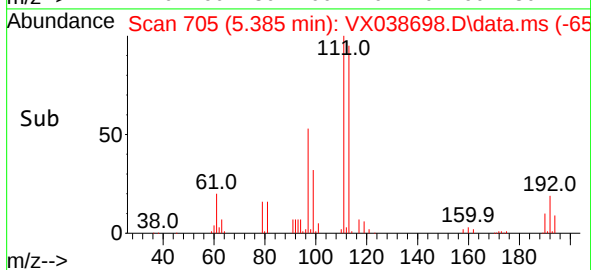
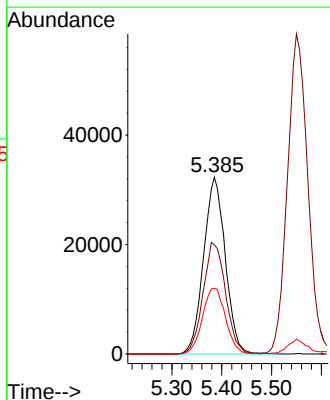
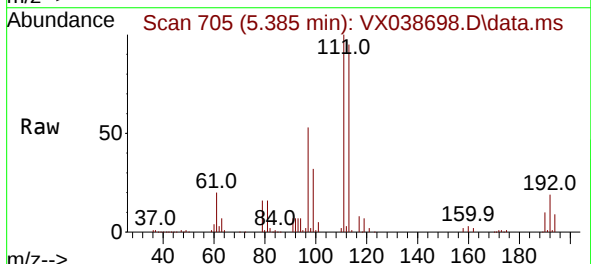
Manual Integrations
APPROVED

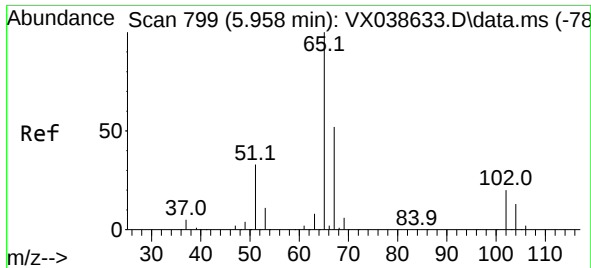
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#32
1,1,1-Trichloroethane
Concen: 17.929 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

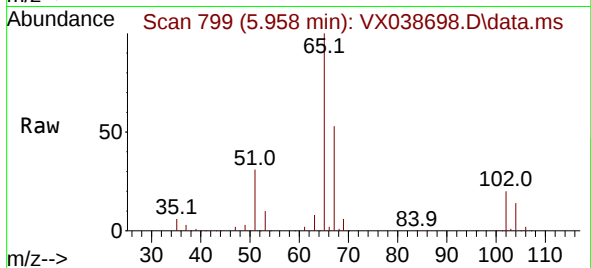
Tgt Ion: 97 Resp: 97754
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 39.5 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 48.154 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

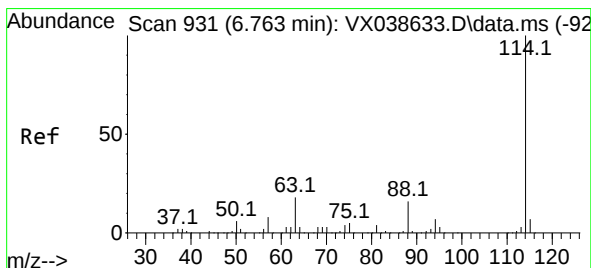
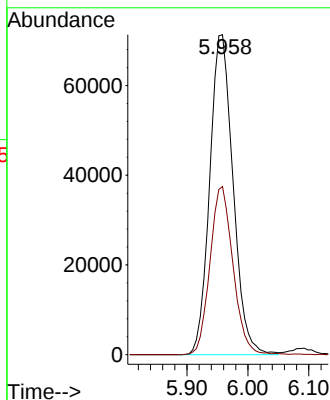
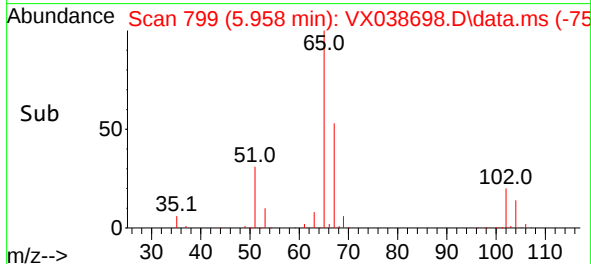
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



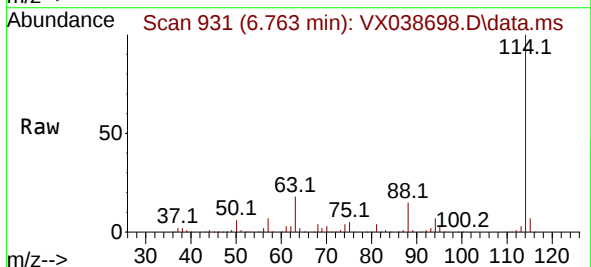
Tgt Ion: 65 Resp: 189920
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

Manual Integrations
APPROVED

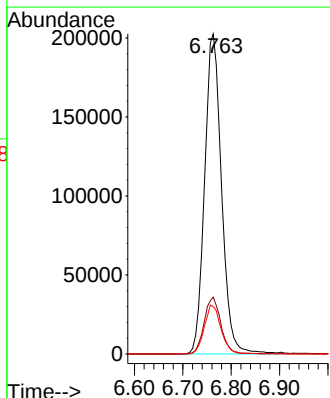
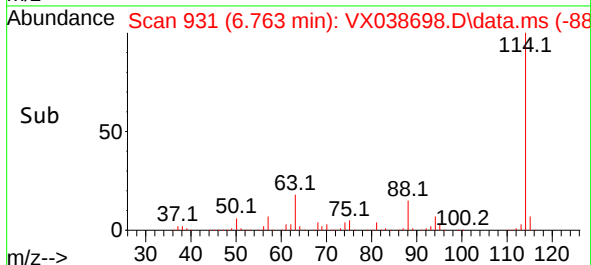
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

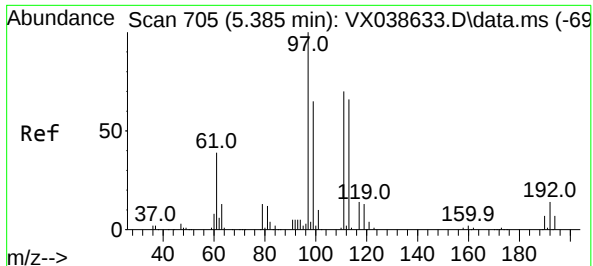


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24



Tgt Ion:114 Resp: 492237
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.394 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038698.D

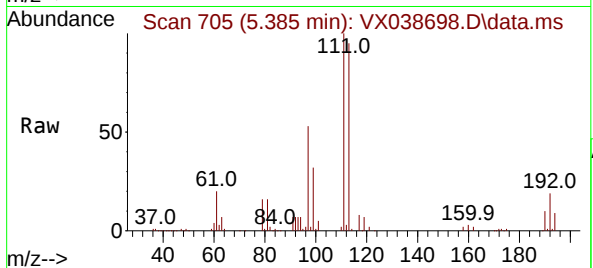
Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02



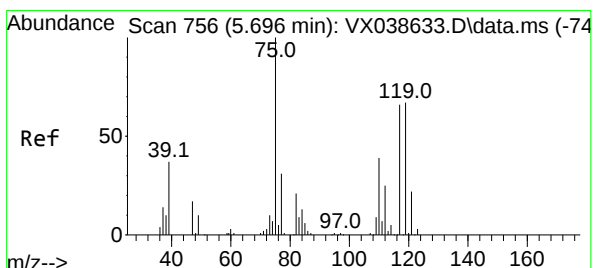
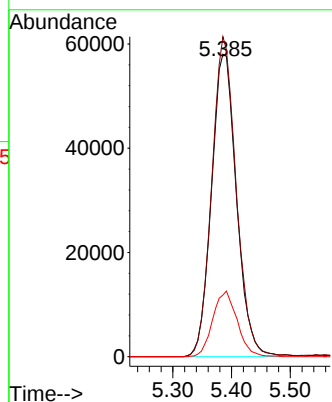
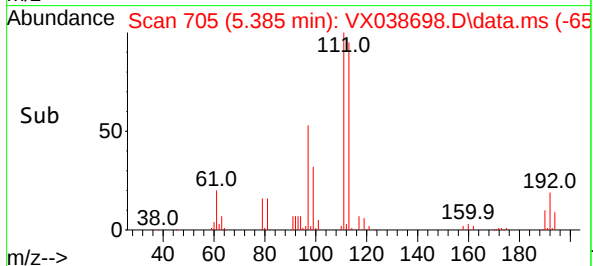
Tgt Ion:	113	Resp:	17156
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.9	124.3
192	21.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#36

1,1-Dichloropropene

Concen: 17.567 ug/l

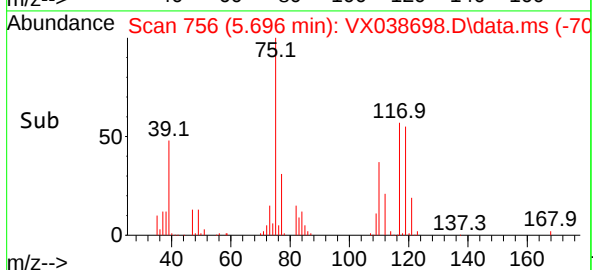
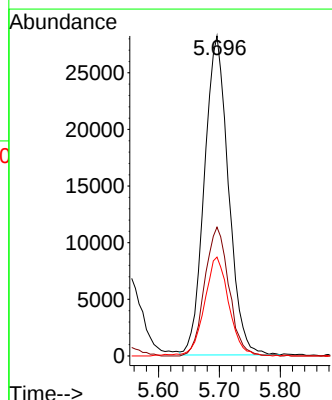
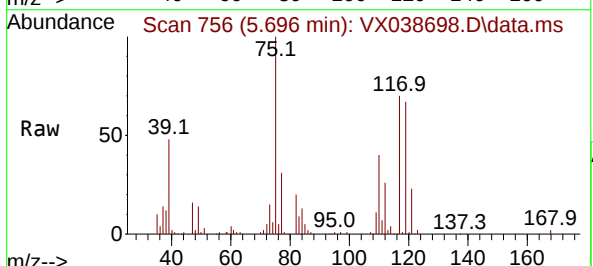
RT: 5.696 min Scan# 756

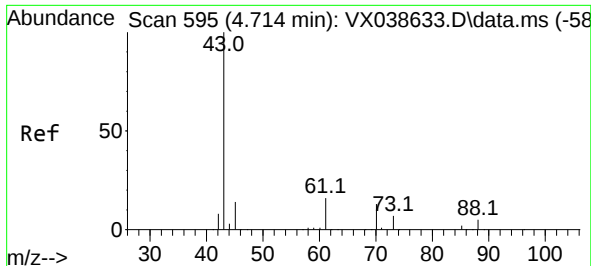
Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Tgt Ion:	75	Resp:	77361
Ion Ratio	Lower	Upper	
75	100		
110	40.6	17.0	50.9
77	31.6	24.7	37.1





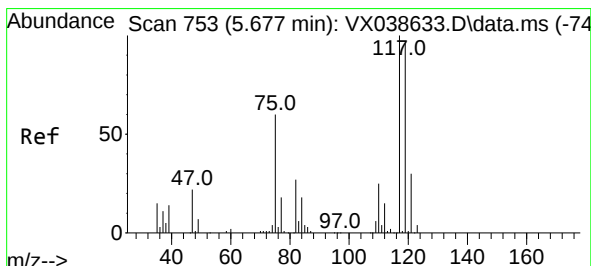
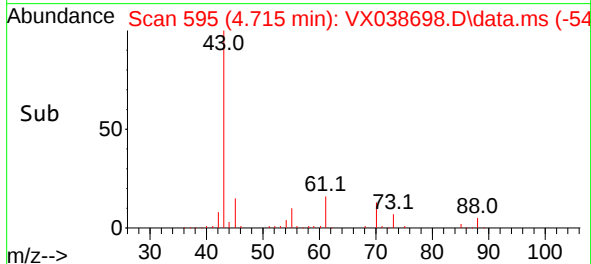
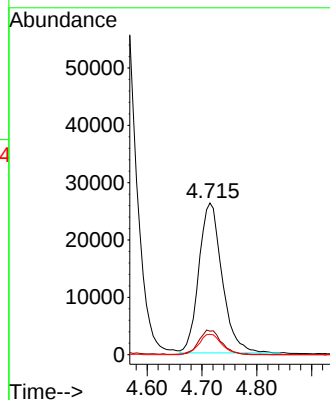
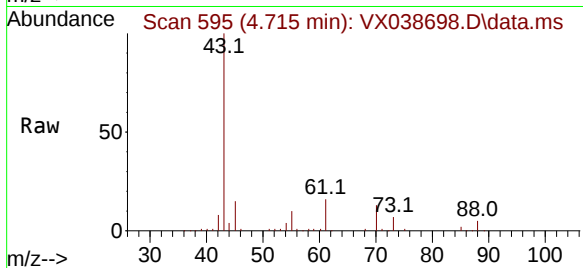
#37
Ethyl Acetate
Concen: 17.171 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02

Tgt Ion: 43 Resp: 77204
Ion Ratio Lower Upper
43 100
61 15.5 10.6 16.0
70 13.5 8.3 12.5

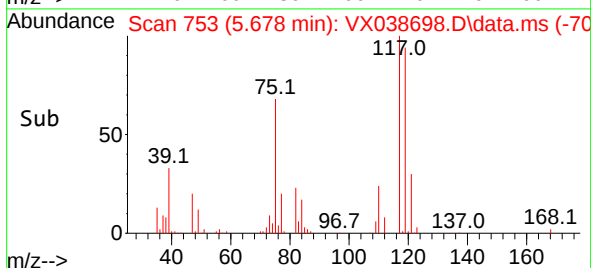
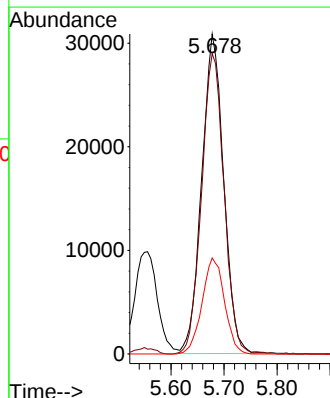
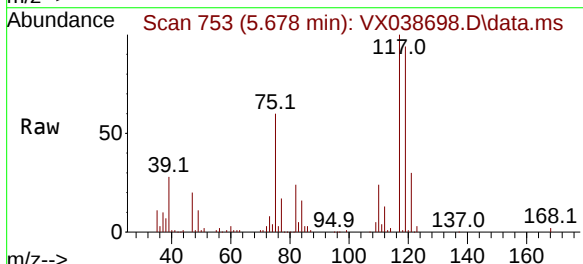
Manual Integrations
APPROVED

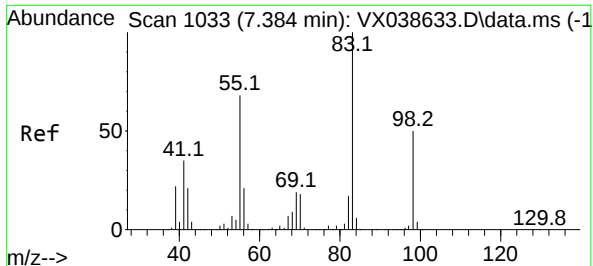
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#38
Carbon Tetrachloride
Concen: 18.018 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Tgt Ion:117 Resp: 88706
Ion Ratio Lower Upper
117 100
119 94.0 78.2 117.2
121 30.1 24.4 36.6





#39

Methylcyclohexane

Concen: 16.858 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion: 83 Resp: 92823

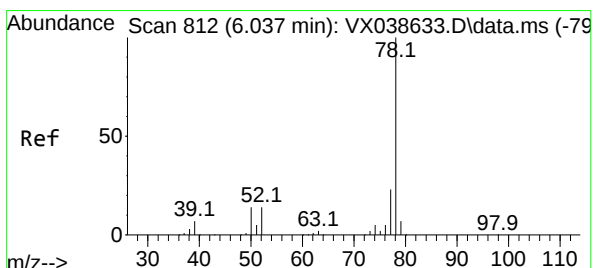
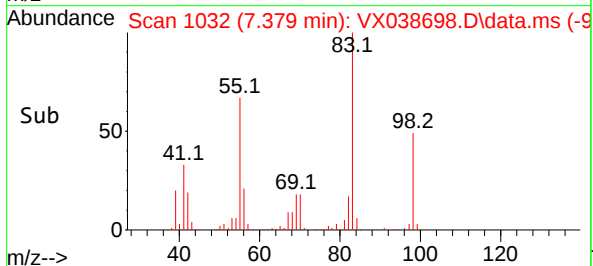
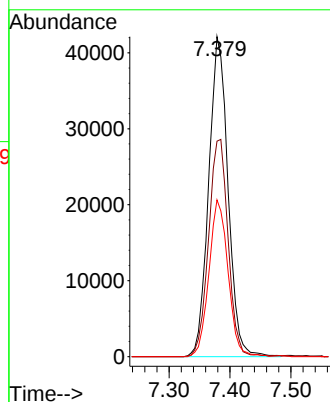
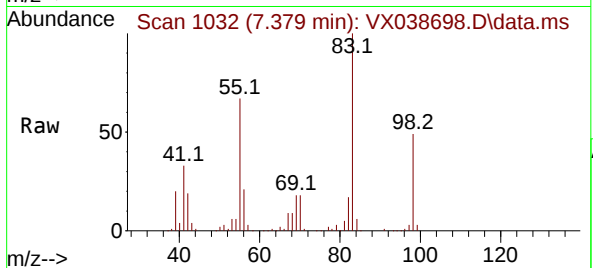
Ion	Ratio	Lower	Upper
83	100		
55	67.4	64.6	97.0
98	49.0	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#40

Benzene

Concen: 17.881 ug/l

RT: 6.037 min Scan# 812

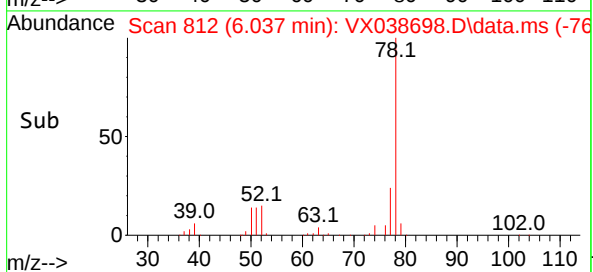
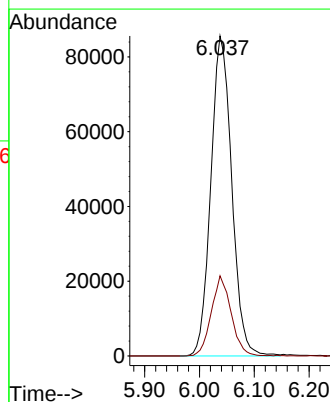
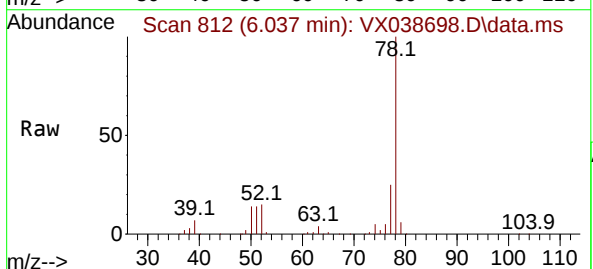
Delta R.T. 0.000 min

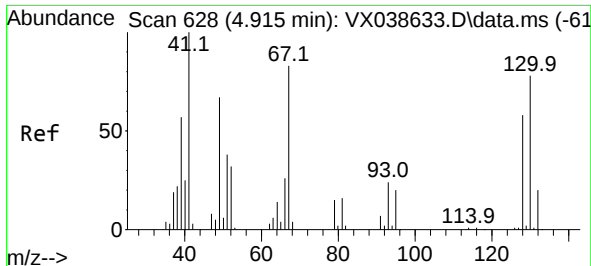
Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Tgt Ion: 78 Resp: 226815

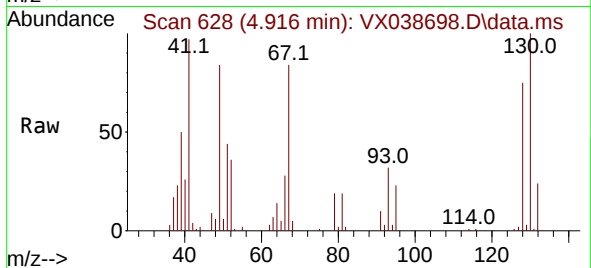
Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.3	28.9





#41
Methacrylonitrile
Concen: 17.393 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

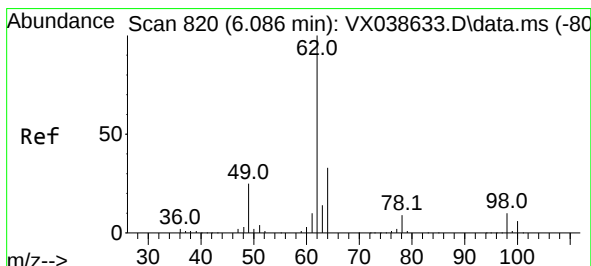
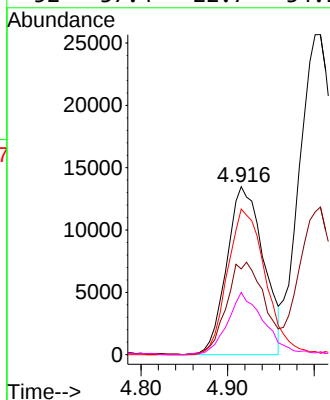
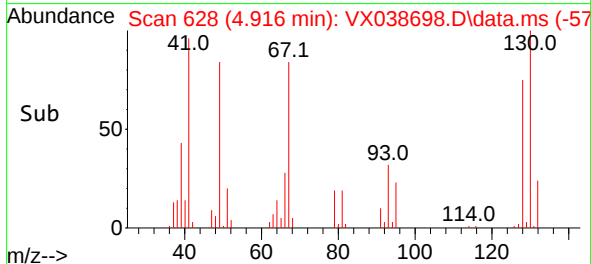
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



Tgt Ion: 41 Resp: 3984
Ion Ratio Lower Upper
41 100
39 56.3 45.2 67.8
67 89.8 52.6 78.8
52 37.4 22.7 34.1#

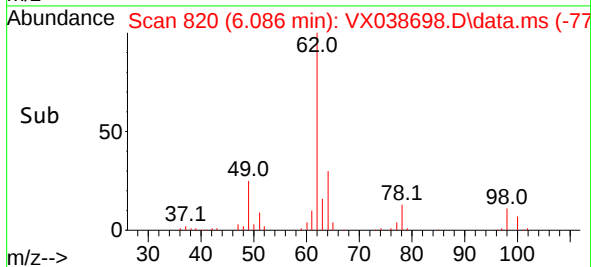
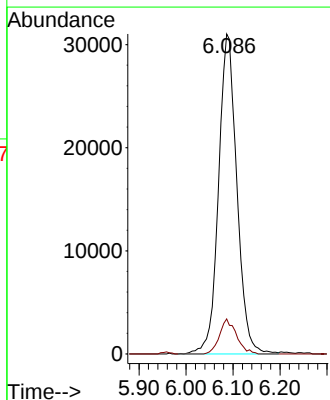
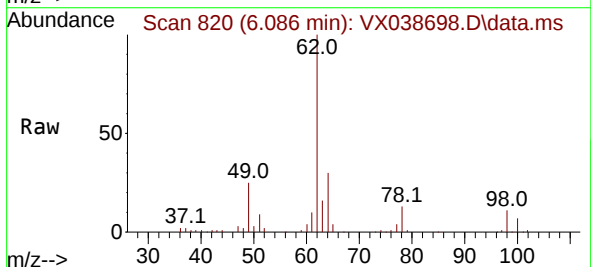
Manual Integrations
APPROVED

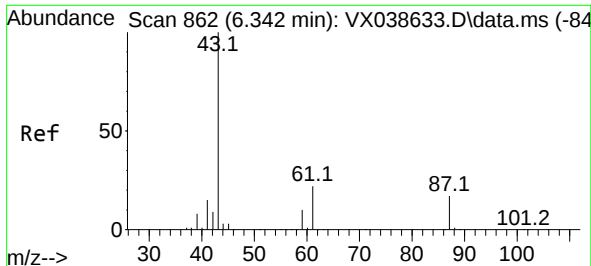
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#42
1,2-Dichloroethane
Concen: 18.432 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Tgt Ion: 62 Resp: 84360
Ion Ratio Lower Upper
62 100
98 10.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 17.069 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion: 43 Resp: 11798

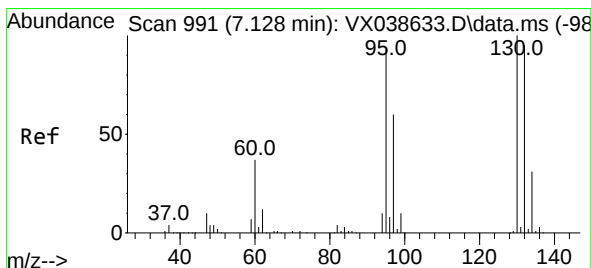
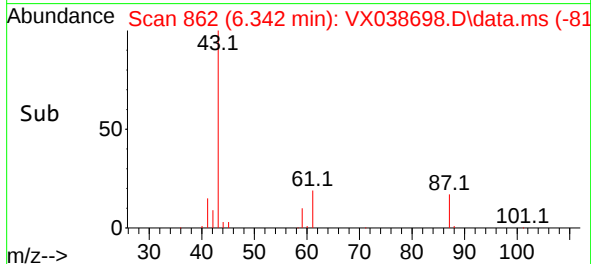
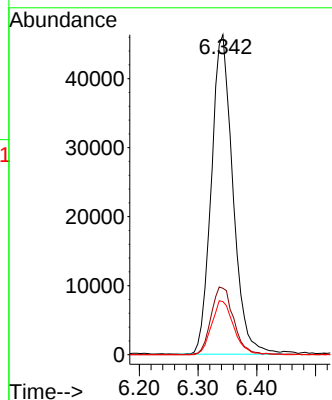
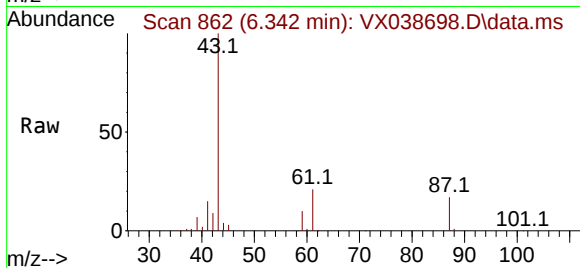
Ion	Ratio	Lower	Upper
43	100		
61	22.3	15.2	22.8
87	17.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#44

Trichloroethene

Concen: 17.999 ug/l

RT: 7.129 min Scan# 991

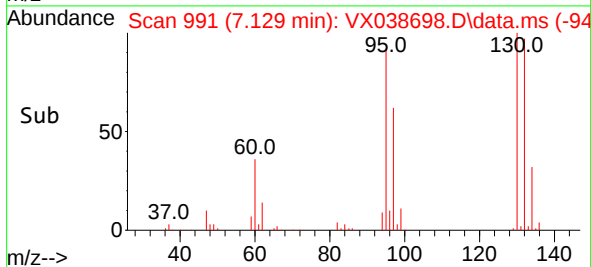
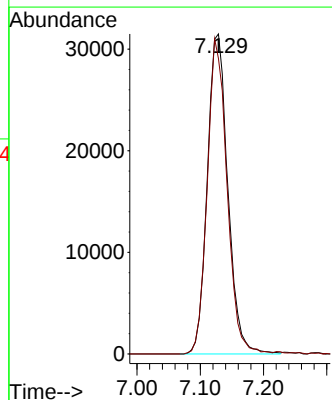
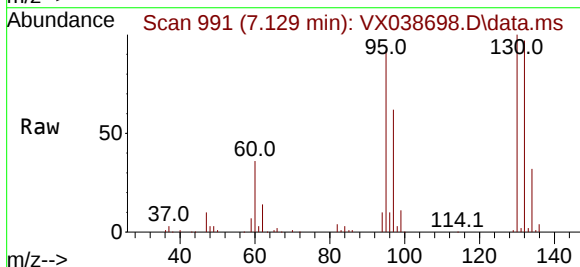
Delta R.T. 0.000 min

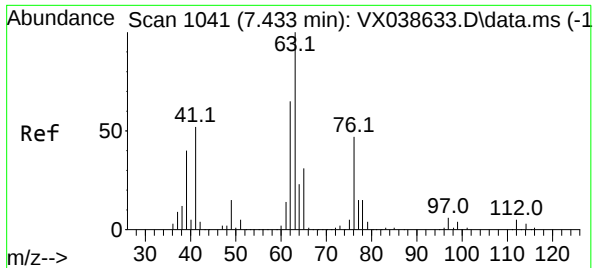
Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Tgt Ion:130 Resp: 71036

Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	204.4





#45

1,2-Dichloropropane

Concen: 18.048 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion: 63 Resp: 5534

Ion Ratio Lower Upper

63 100

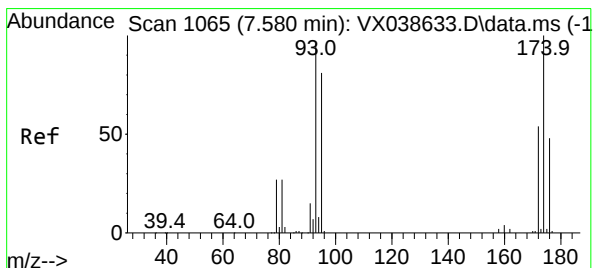
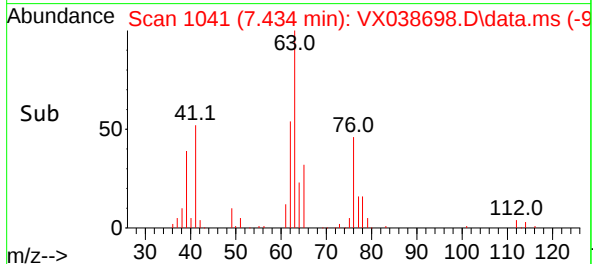
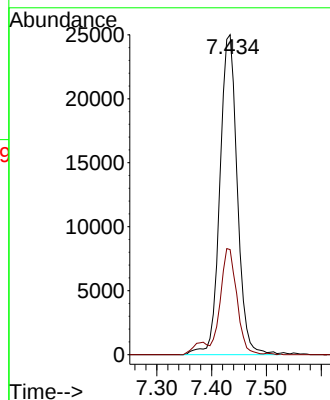
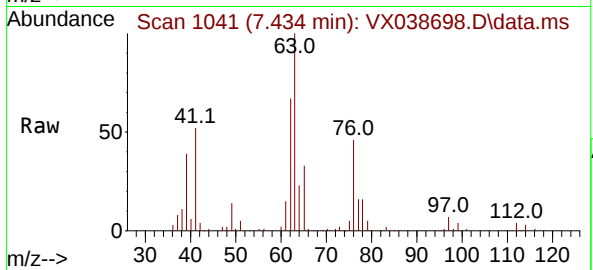
65 32.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#46

Dibromomethane

Concen: 17.822 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

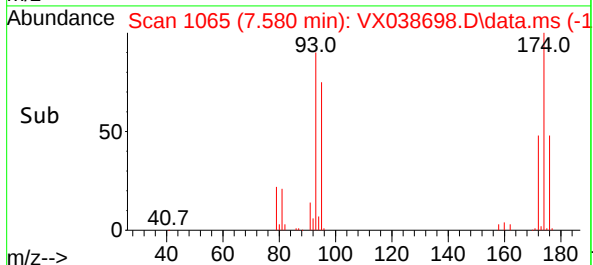
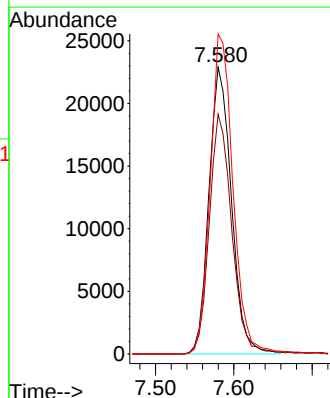
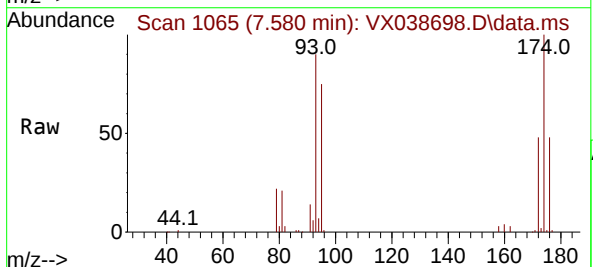
Tgt Ion: 93 Resp: 45702

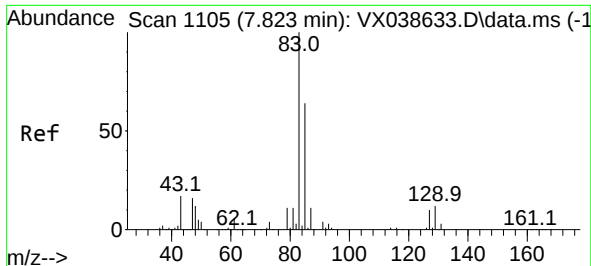
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

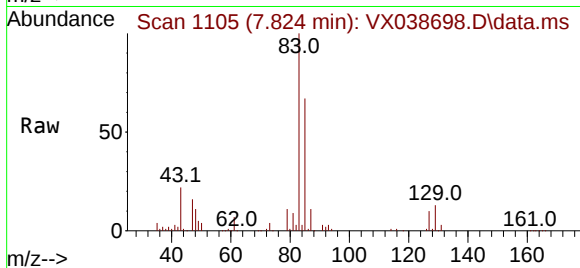
174 113.4 69.4 104.0#





#47
Bromodichloromethane
Concen: 17.352 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

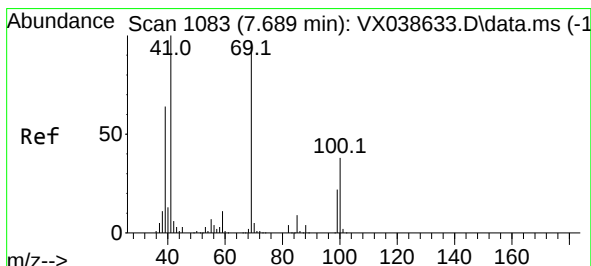
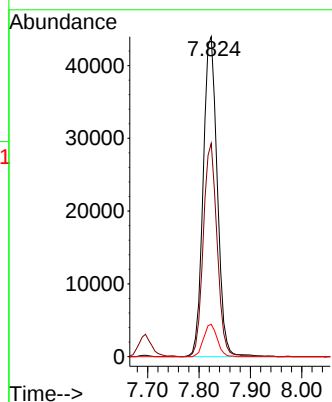
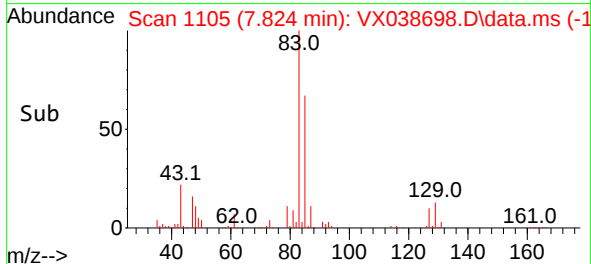
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



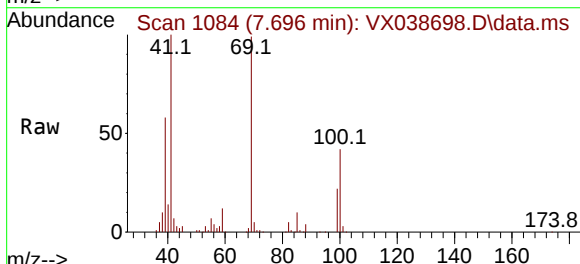
Tgt Ion: 83 Resp: 83682
Ion Ratio Lower Upper
83 100
85 66.6 49.8 74.6
127 10.1 7.1 10.7

Manual Integrations
APPROVED

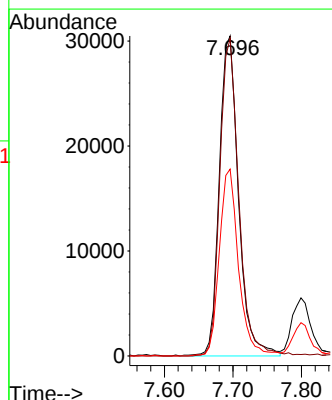
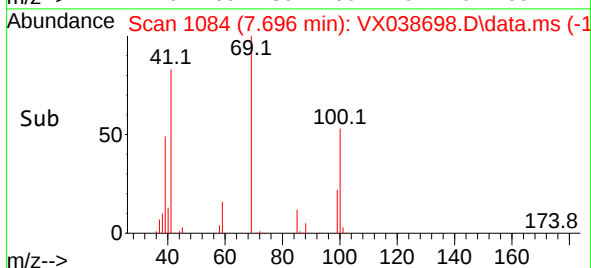
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

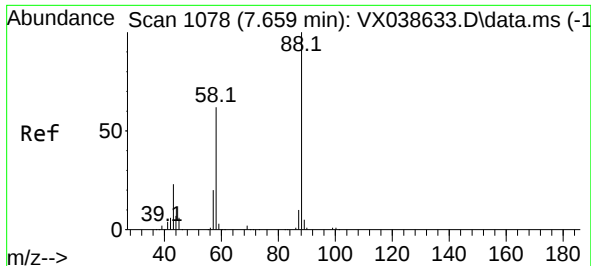


#48
Methyl methacrylate
Concen: 17.765 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24



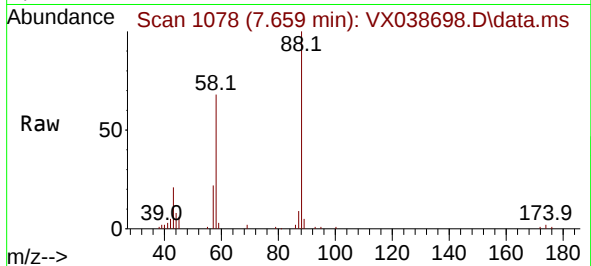
Tgt Ion: 41 Resp: 59181
Ion Ratio Lower Upper
41 100
69 98.1 59.2 88.8#
39 58.6 47.7 71.5





#49
1,4-Dioxane
Concen: 320.013 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

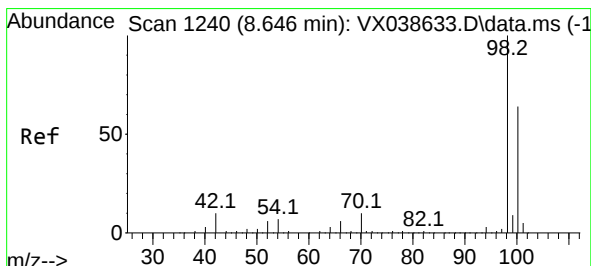
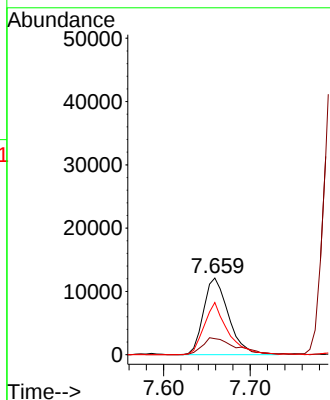
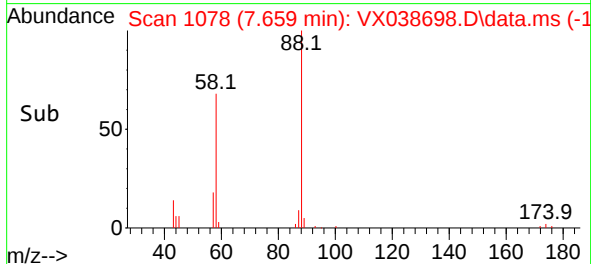
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



Tgt Ion: 88 Resp: 24269
Ion Ratio Lower Upper
88 100
43 29.9 0.0 0.0
58 64.0 60.1 90.1

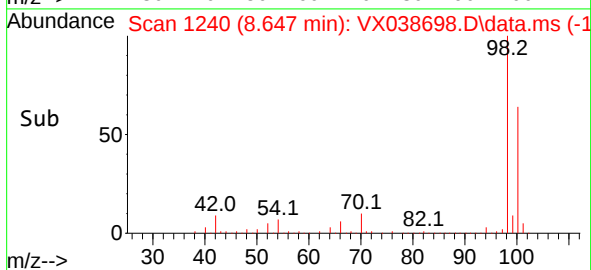
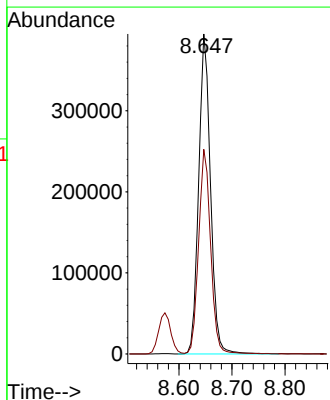
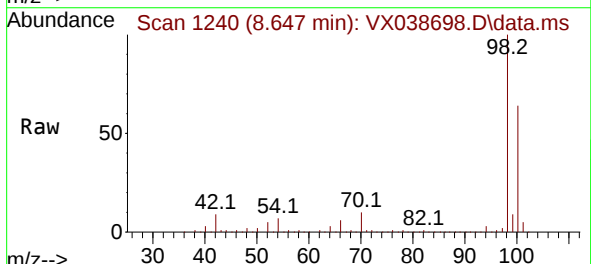
Manual Integrations
APPROVED

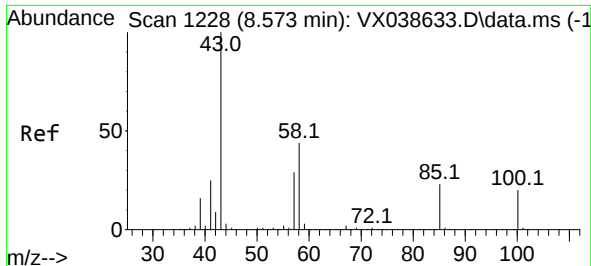
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#50
Toluene-d8
Concen: 48.008 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

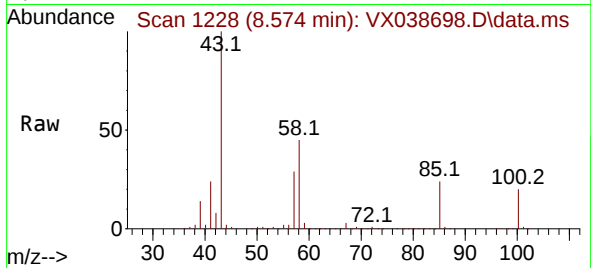
Tgt Ion: 98 Resp: 609048
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 90.284 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

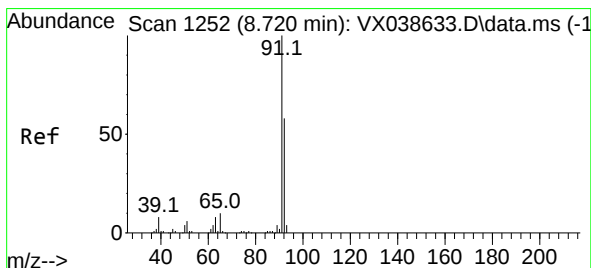
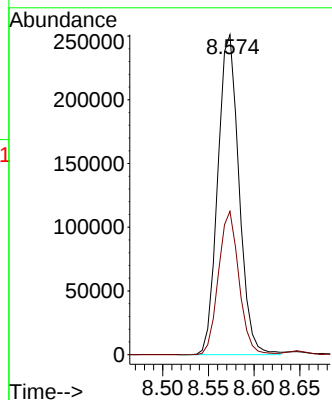
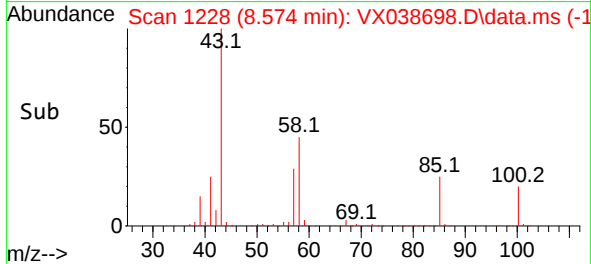
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



Tgt Ion: 43 Resp: 406618
Ion Ratio Lower Upper
43 100
58 43.2 30.4 45.6

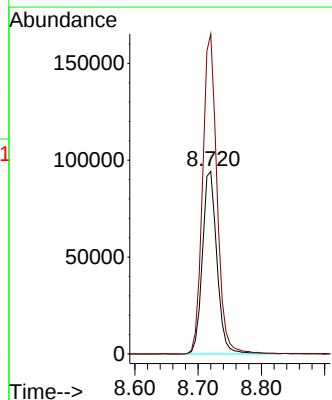
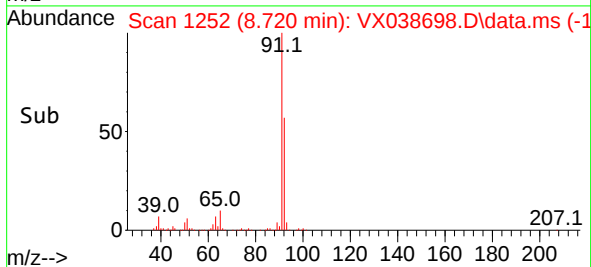
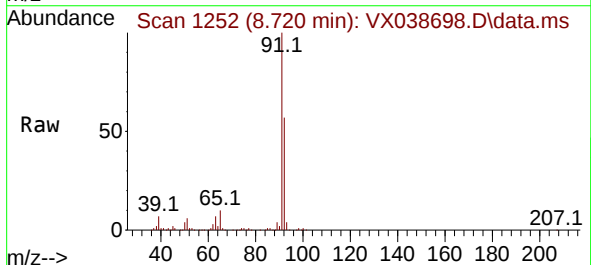
Manual Integrations
APPROVED

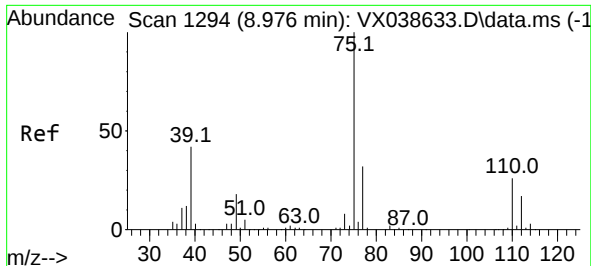
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#52
Toluene
Concen: 18.158 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Tgt Ion: 92 Resp: 150876
Ion Ratio Lower Upper
92 100
91 174.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 16.395 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion: 75 Resp: 80490

Ion Ratio Lower Upper

75 100

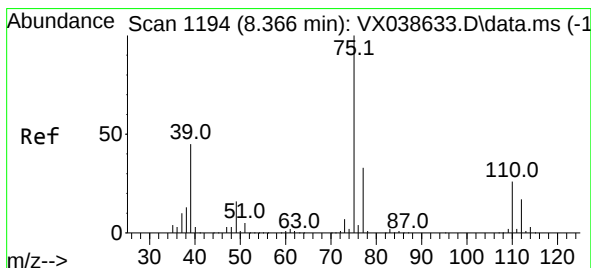
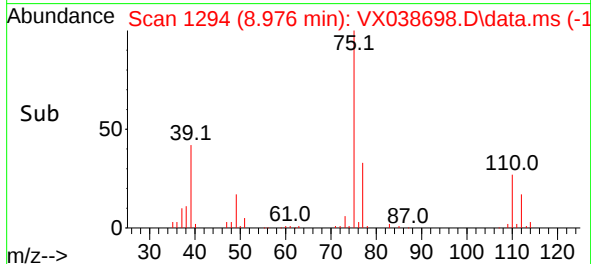
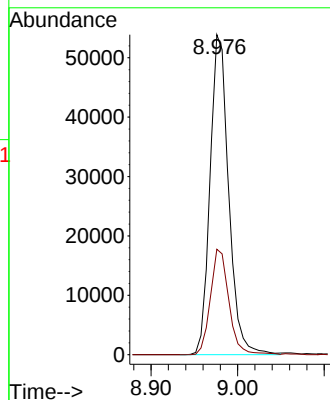
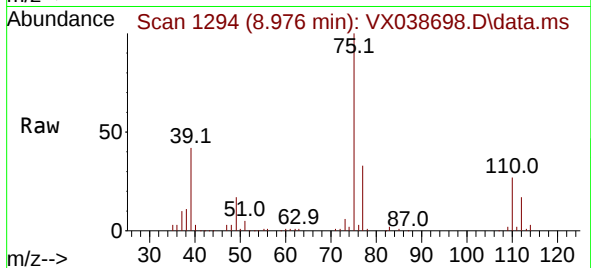
77 32.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#54

cis-1,3-Dichloropropene

Concen: 17.053 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

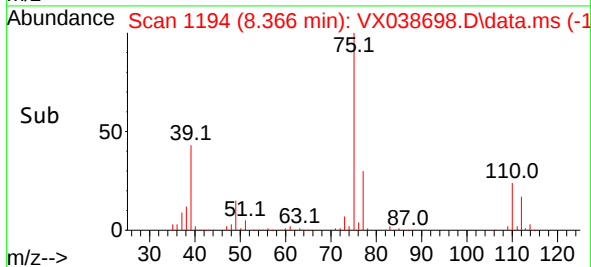
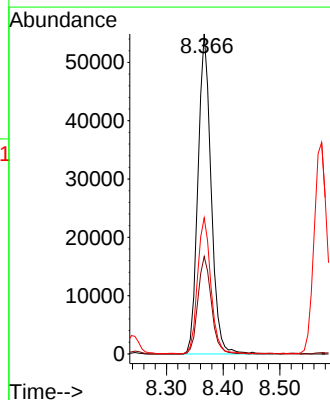
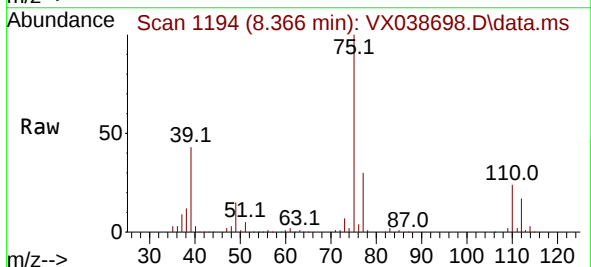
Tgt Ion: 75 Resp: 88391

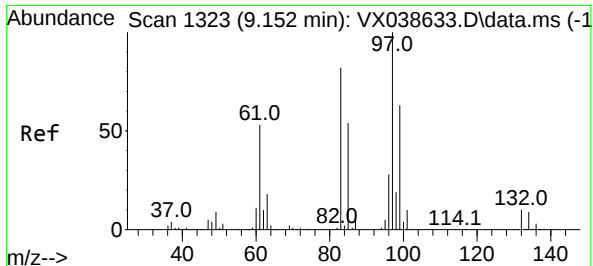
Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9

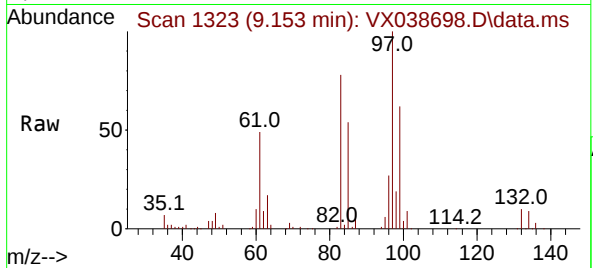
39 42.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 18.638 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

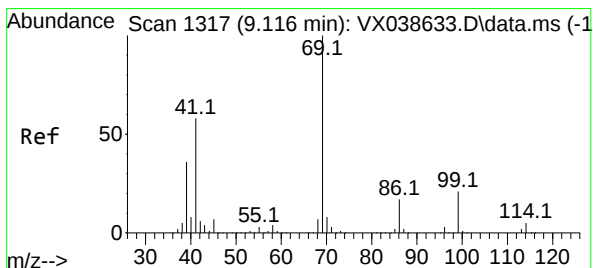
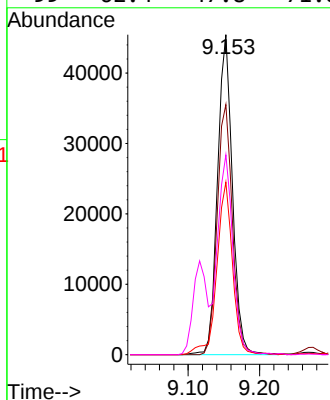
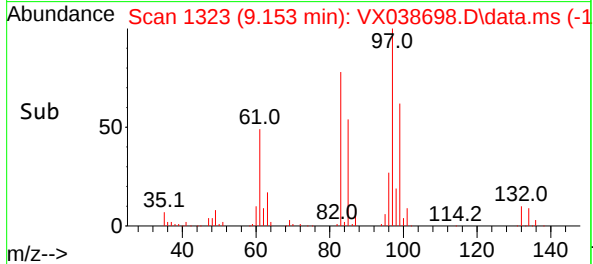
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



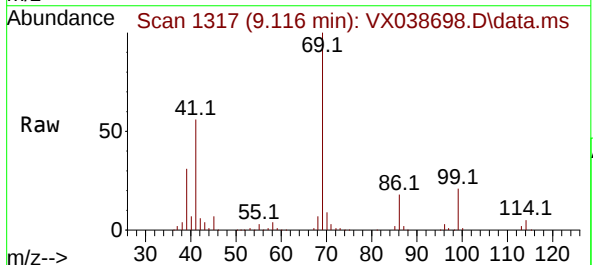
Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.2	65.8	98.8
85	53.9	41.6	62.4
99	62.4	47.8	71.8

Manual Integrations
APPROVED

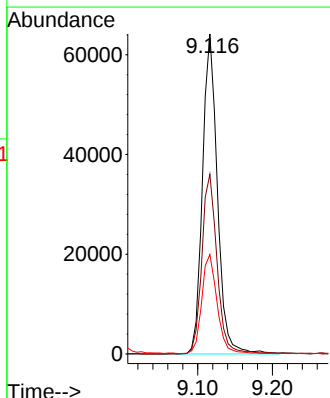
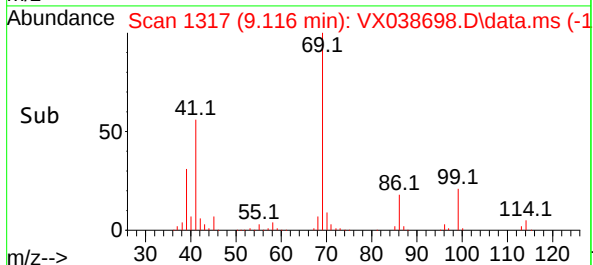
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

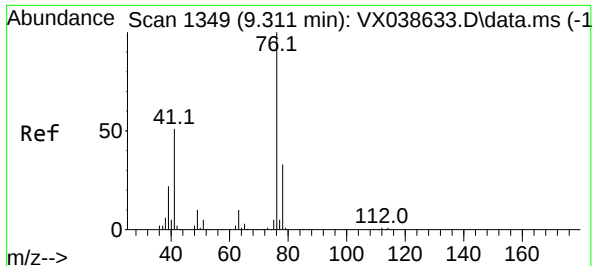


#56
Ethyl methacrylate
Concen: 18.041 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24



Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.8	56.8	85.2
39	32.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 18.410 ug/l

RT: 9.311 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion: 76 Resp: 101094

Ion Ratio Lower Upper

76 100

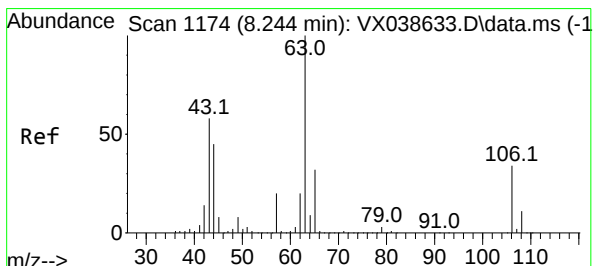
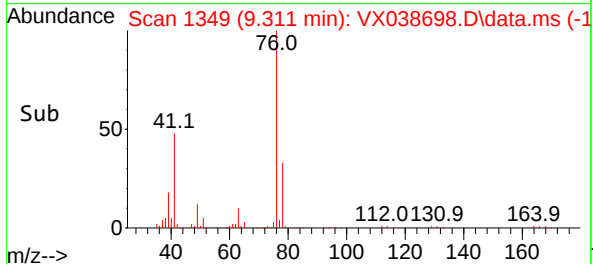
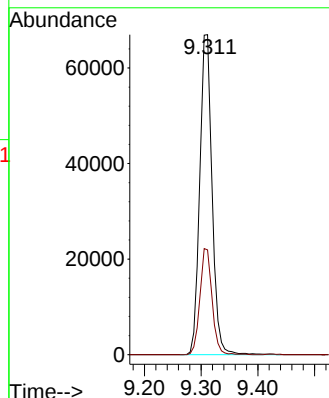
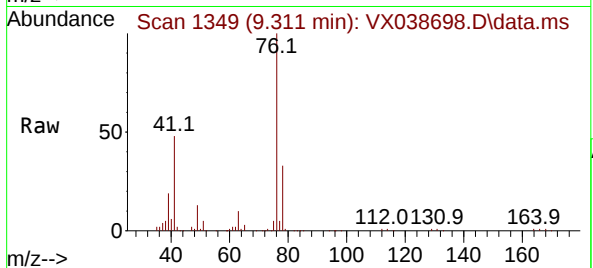
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.365 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038698.D

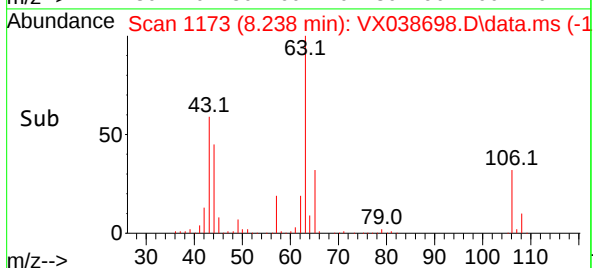
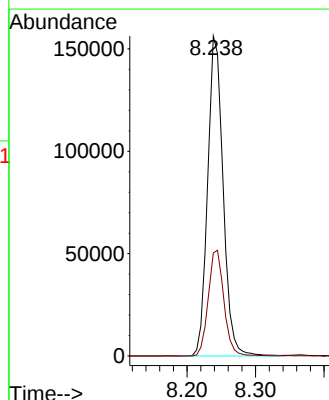
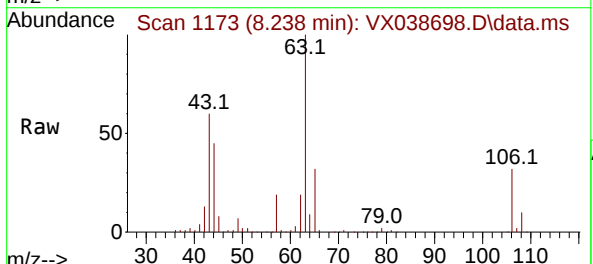
Acq: 10 Nov 2023 02:24

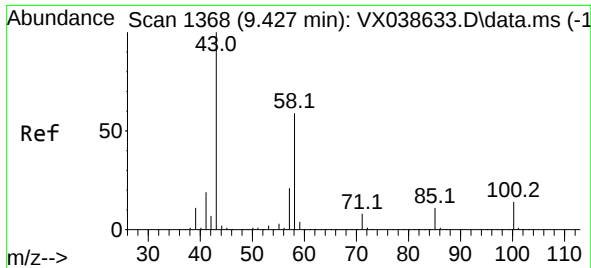
Tgt Ion: 63 Resp: 245839

Ion Ratio Lower Upper

63 100

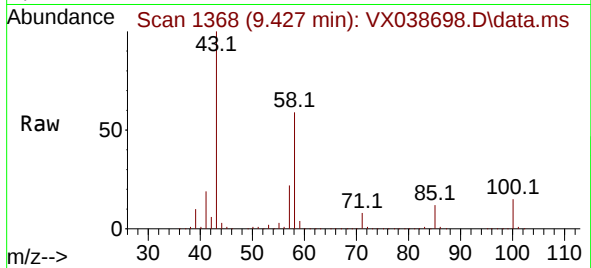
106 33.5 22.5 33.7





#59
2-Hexanone
Concen: 87.487 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

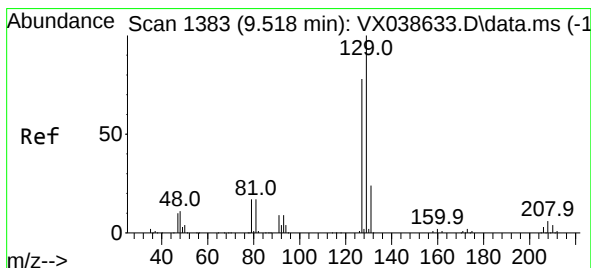
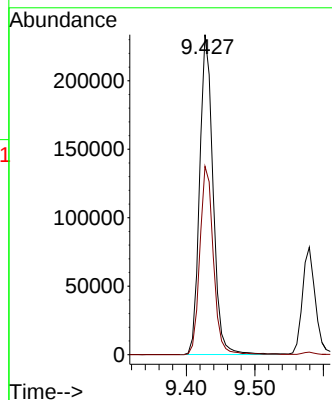
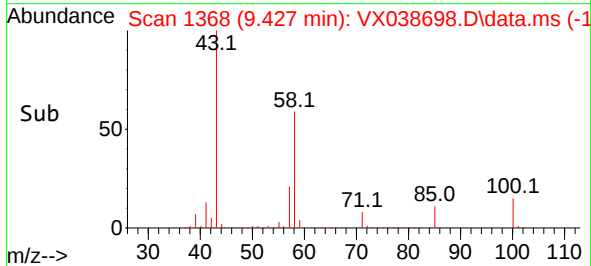
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



Tgt Ion: 43 Resp: 31881
Ion Ratio Lower Upper
43 100
58 59.6 26.2 78.5

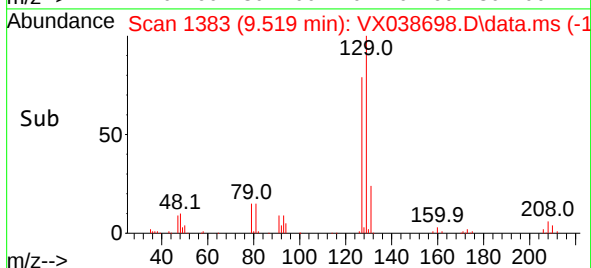
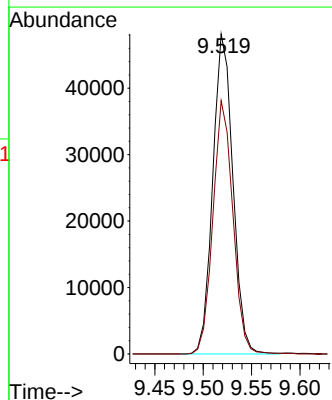
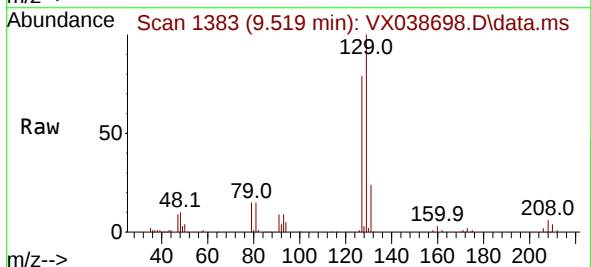
Manual Integrations
APPROVED

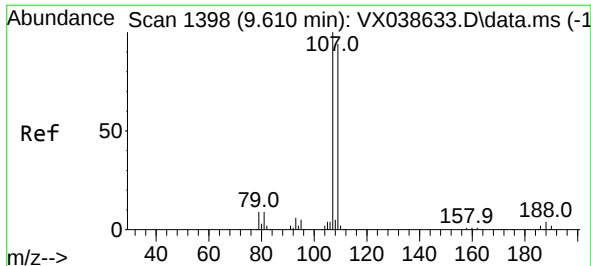
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#60
Dibromochloromethane
Concen: 17.541 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

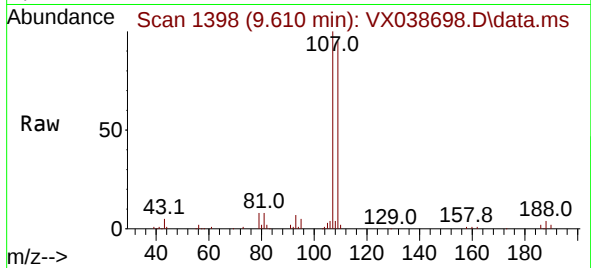
Tgt Ion:129 Resp: 69424
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.203 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

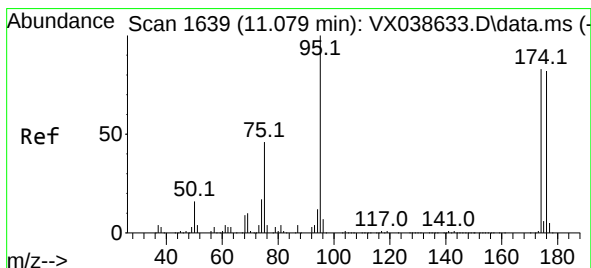
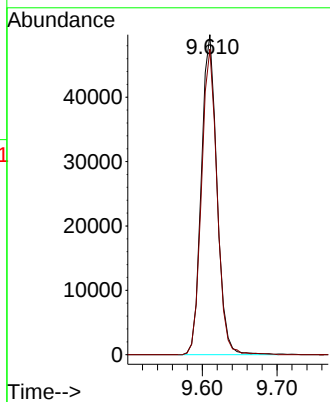
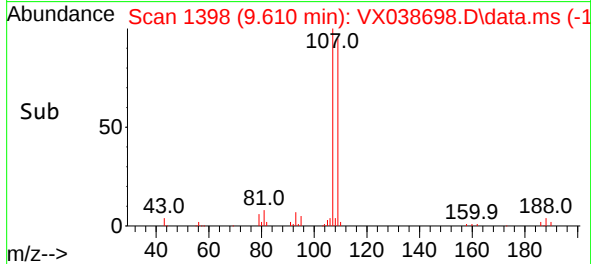
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



Tgt Ion:107 Resp: 72120
Ion Ratio Lower Upper
107 100
109 95.3 75.2 112.8

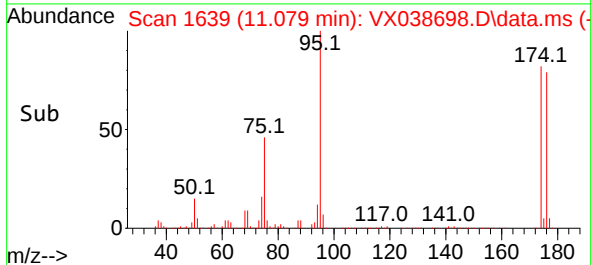
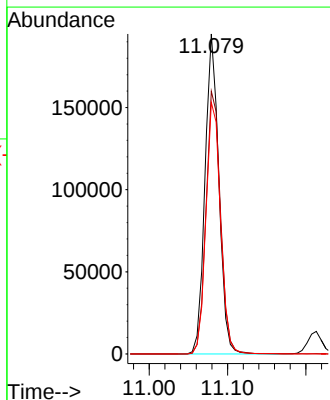
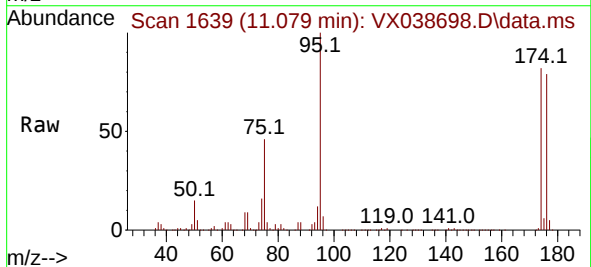
Manual Integrations
APPROVED

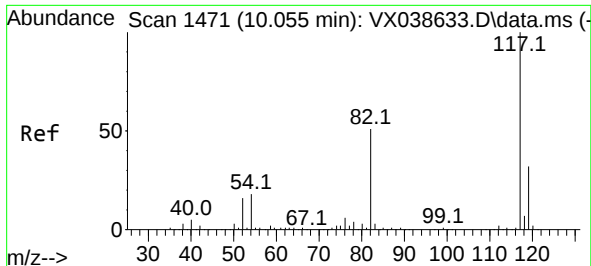
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#62
4-Bromofluorobenzene
Concen: 48.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

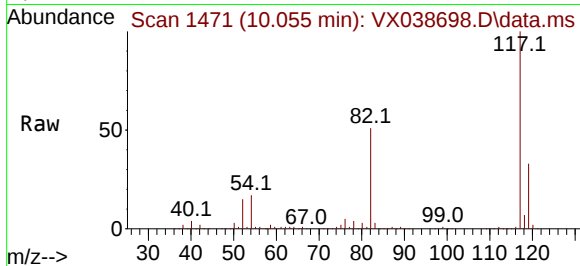
Tgt Ion: 95 Resp: 238077
Ion Ratio Lower Upper
95 100
174 86.4 0.0 135.6
176 83.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

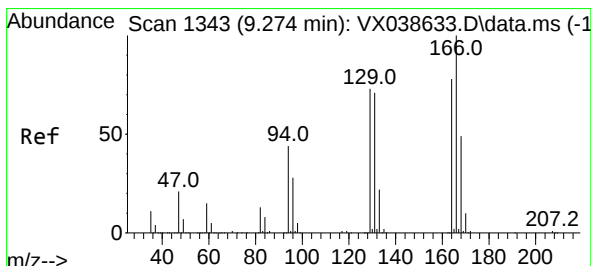
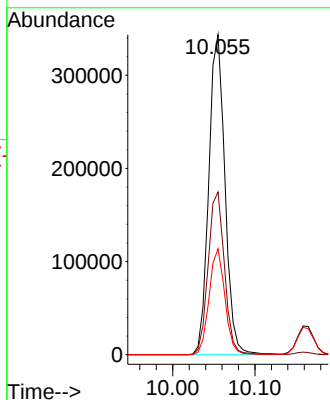
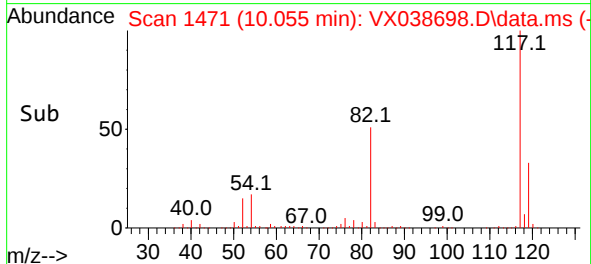
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



Tgt Ion:117 Resp: 470799
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 33.1 25.5 38.3

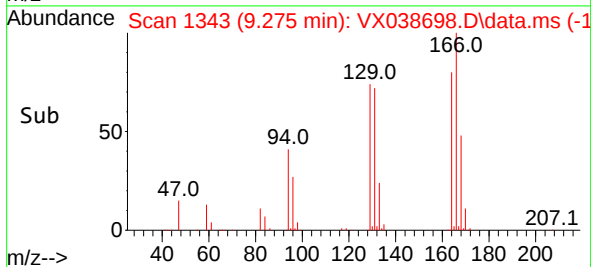
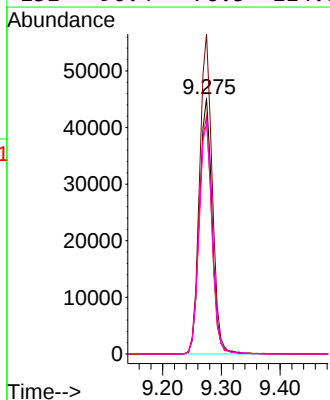
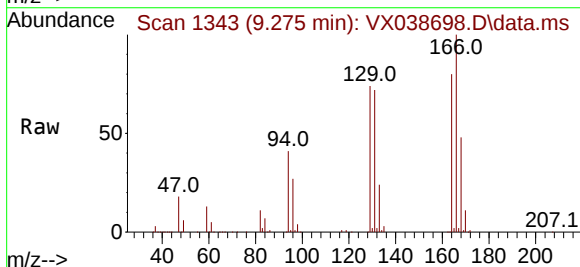
Manual Integrations
APPROVED

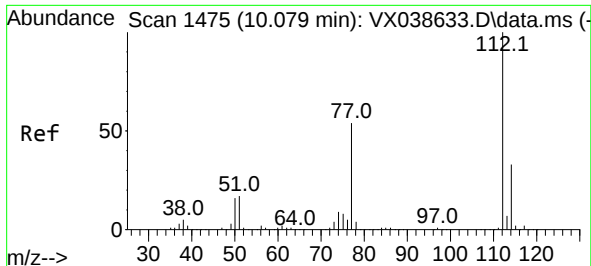
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#64
Tetrachloroethene
Concen: 18.981 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

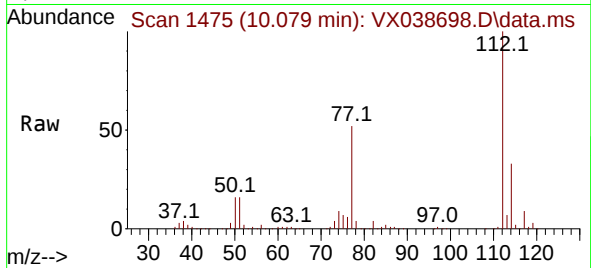
Tgt Ion:164 Resp: 66889
Ion Ratio Lower Upper
164 100
166 125.3 102.7 154.1
129 93.1 80.4 120.6
131 90.4 76.5 114.7





#65
Chlorobenzene
Concen: 18.283 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

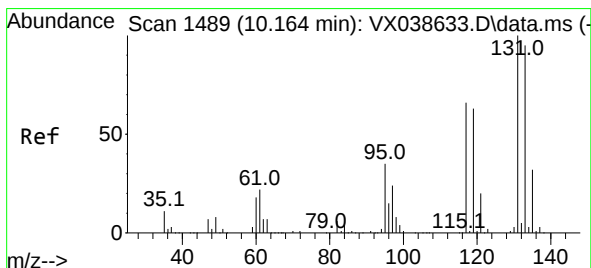
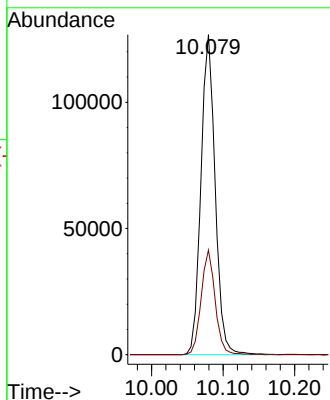
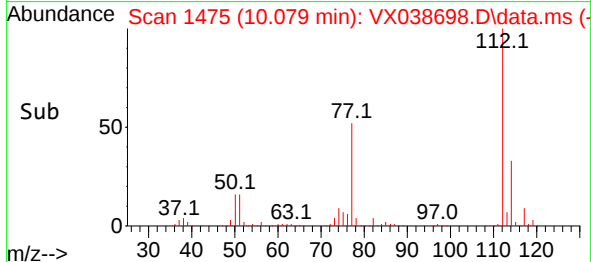
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



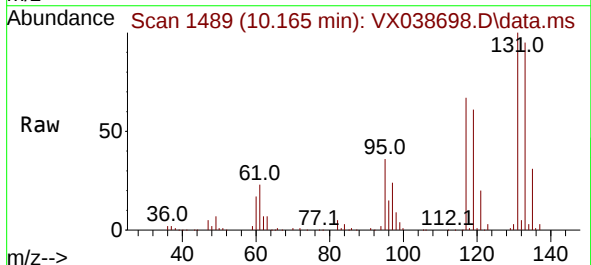
Tgt Ion:112 Resp: 175220
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

Manual Integrations
APPROVED

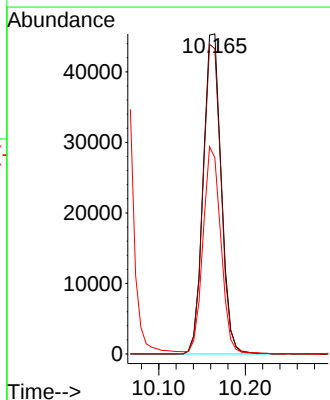
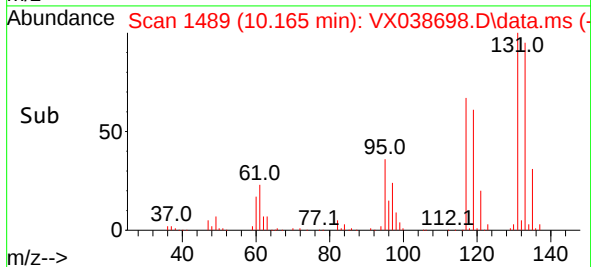
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

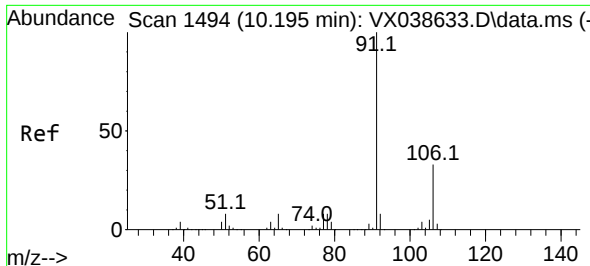


#66
1,1,1,2-Tetrachloroethane
Concen: 18.223 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24



Tgt Ion:131 Resp: 65653
Ion Ratio Lower Upper
131 100
133 96.7 47.1 141.4
119 64.2 32.2 96.6





#67

Ethyl Benzene

Concen: 18.049 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion: 91 Resp: 292590

Ion Ratio Lower Upper

91 100

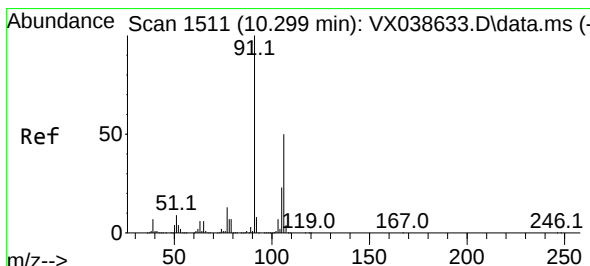
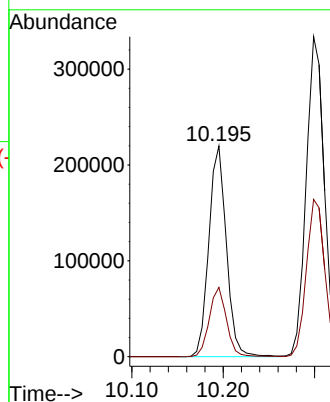
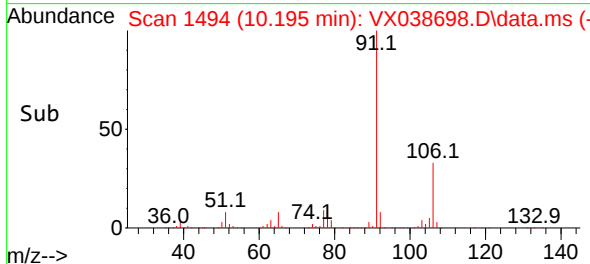
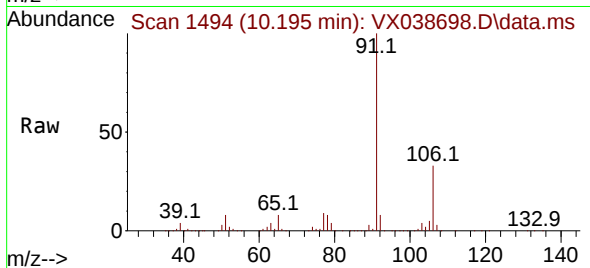
106 32.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#68

m/p-Xylenes

Concen: 36.271 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038698.D

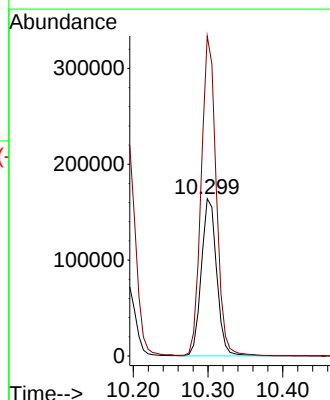
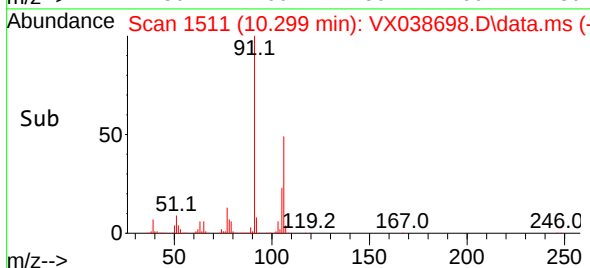
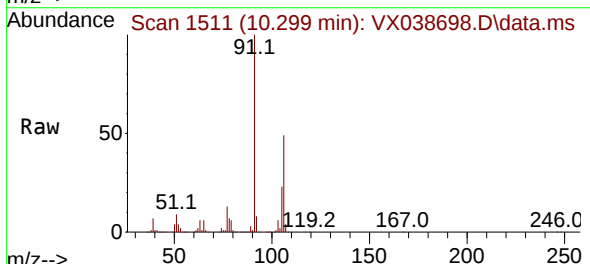
Acq: 10 Nov 2023 02:24

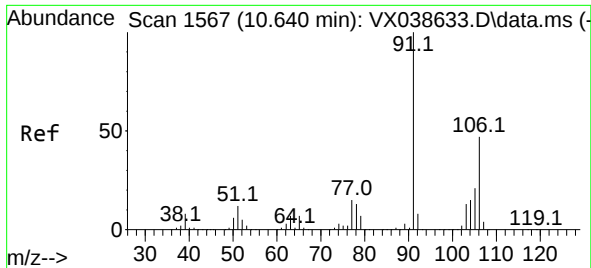
Tgt Ion:106 Resp: 233373

Ion Ratio Lower Upper

106 100

91 199.6 165.5 248.3





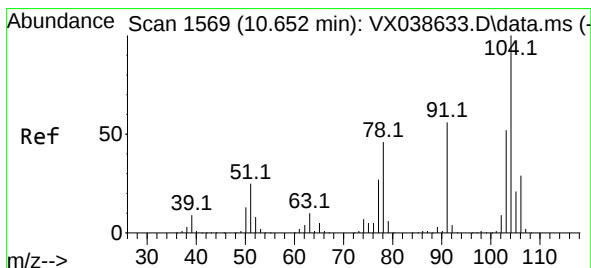
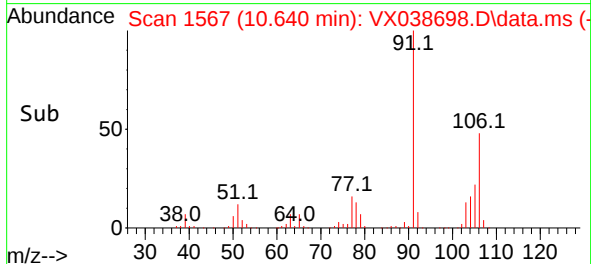
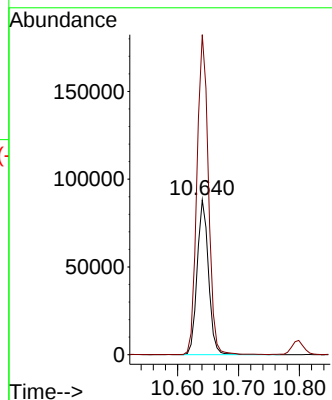
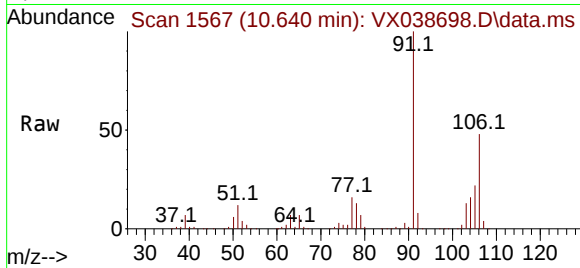
#69
o-Xylene
Concen: 18.154 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02

Tgt Ion:106 Resp: 113580
Ion Ratio Lower Upper
106 100
91 208.8 108.9 326.8

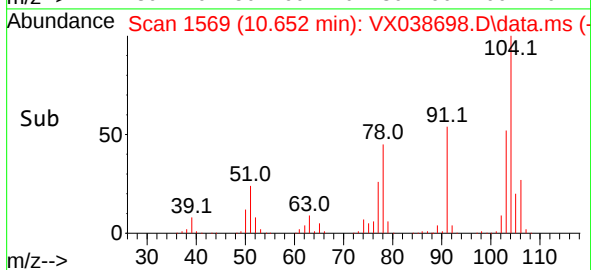
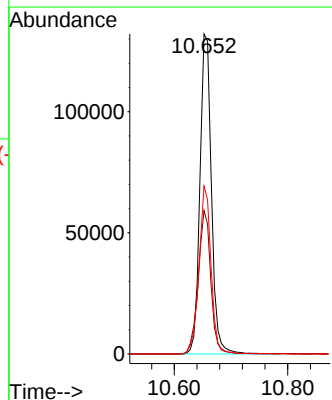
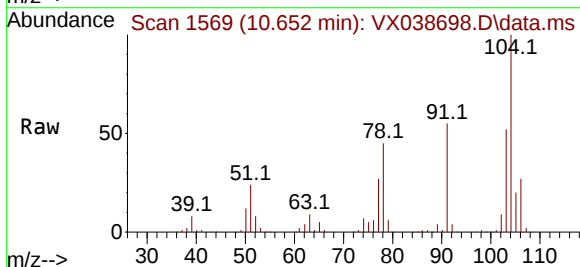
Manual Integrations
APPROVED

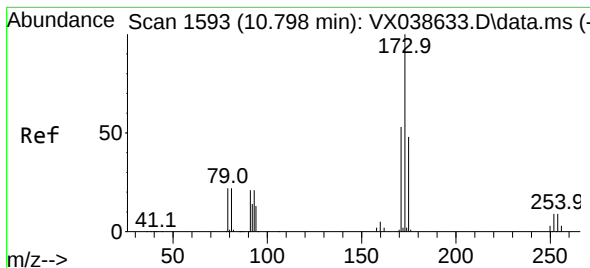
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#70
Styrene
Concen: 18.002 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Tgt Ion:104 Resp: 185895
Ion Ratio Lower Upper
104 100
78 48.7 43.6 65.4
103 55.0 43.6 65.4





#71

Bromoform

Concen: 17.125 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

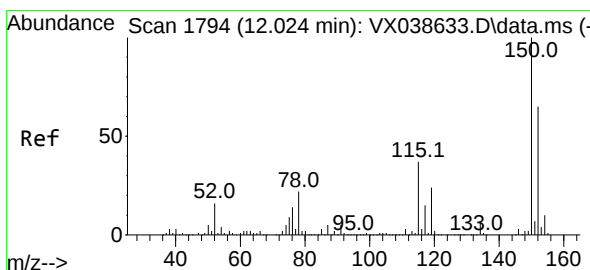
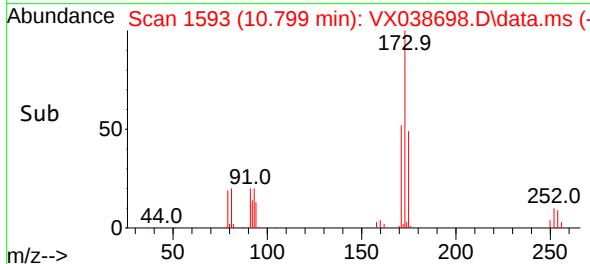
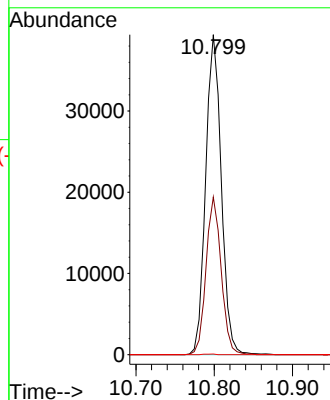
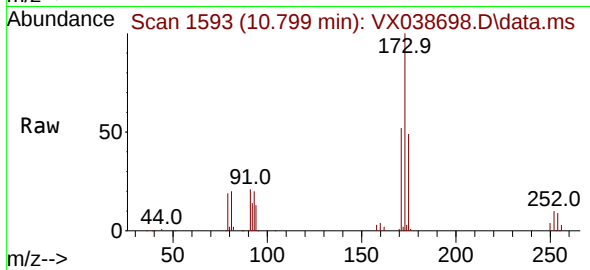
Tgt Ion:173 Resp: 54450
 Ion Ratio Lower Upper
 173 100
 175 47.8 24.1 72.4
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

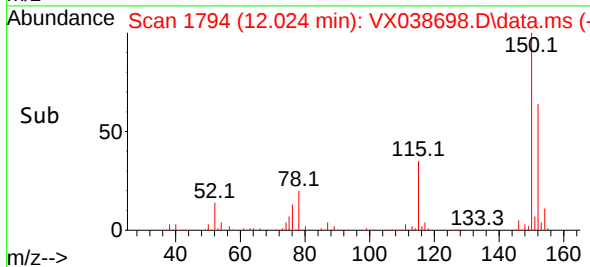
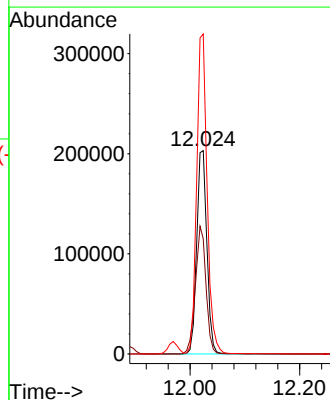
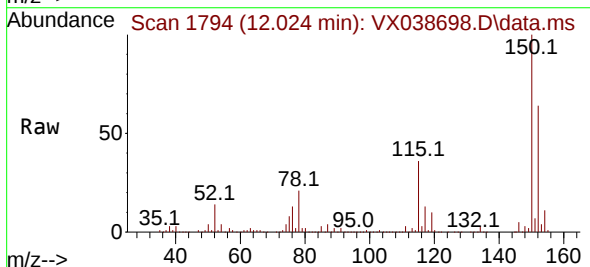
RT: 12.024 min Scan# 1794

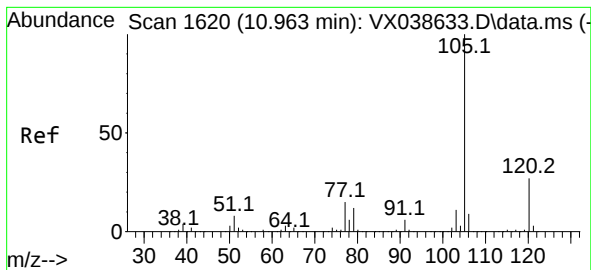
Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Tgt Ion:152 Resp: 263571
 Ion Ratio Lower Upper
 152 100
 115 65.1 43.3 129.9
 150 161.6 0.0 345.0





#73

Isopropylbenzene

Concen: 18.567 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion:105 Resp: 300222

Ion Ratio Lower Upper

105 100

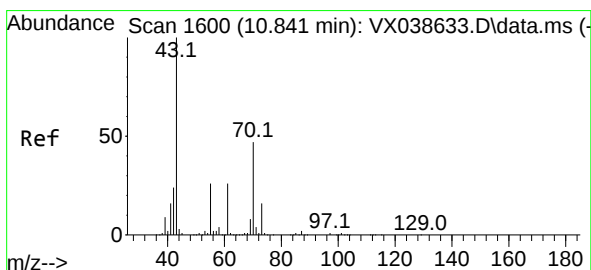
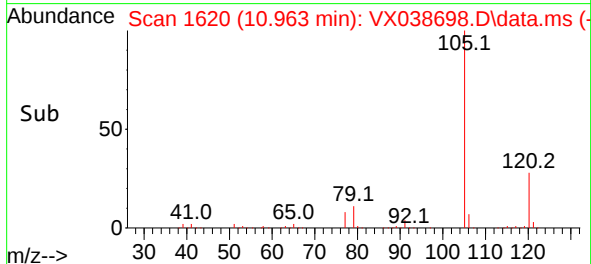
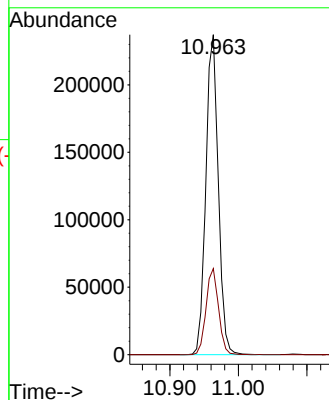
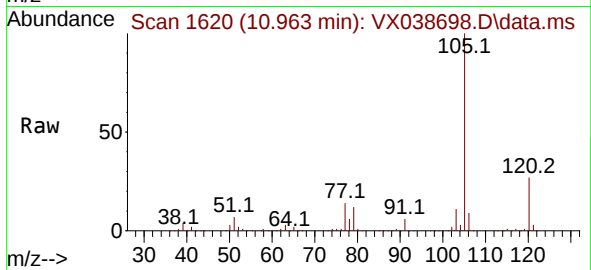
120 26.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#74

N-ethyl acetate

Concen: 16.681 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Tgt Ion: 43 Resp: 93722

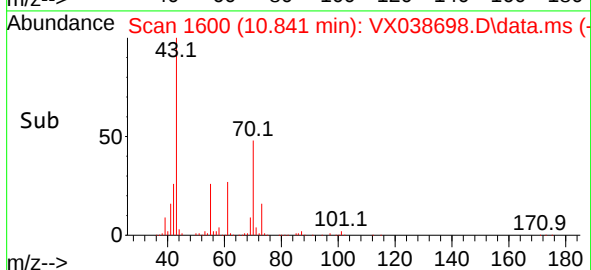
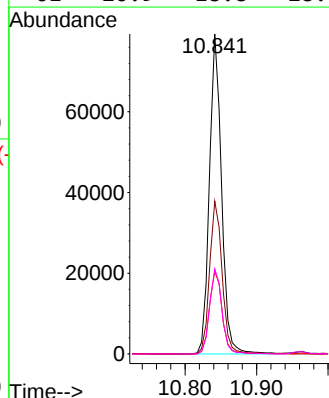
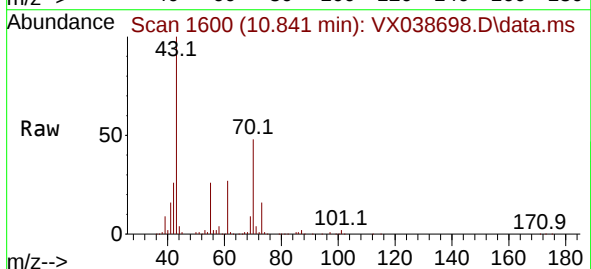
Ion Ratio Lower Upper

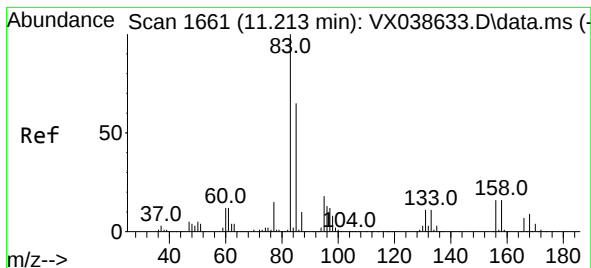
43 100

70 49.6 32.9 49.3

55 27.2 19.3 28.9

61 26.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.023 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion: 83 Resp: 100748

Ion Ratio Lower Upper

83 100

131 11.9 5.3 15.8

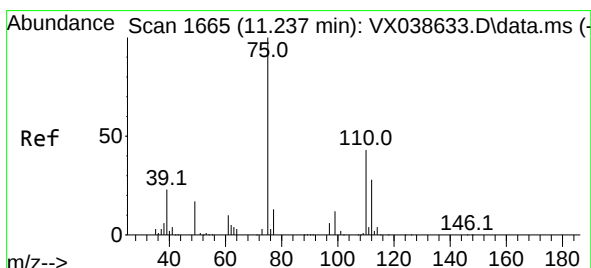
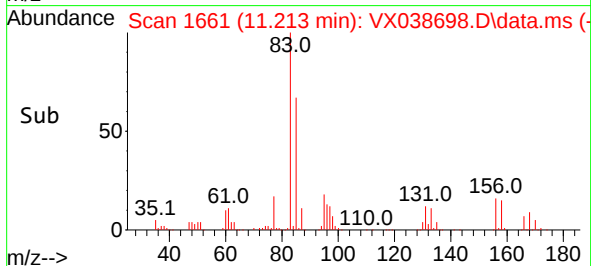
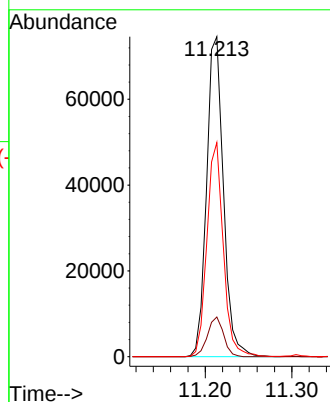
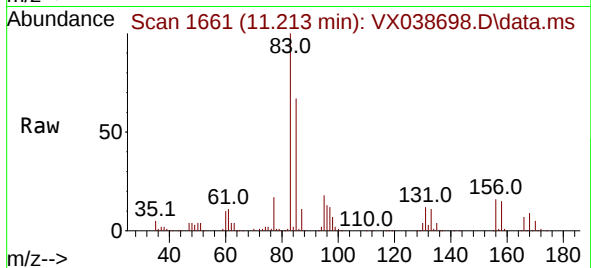
85 65.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#76

1,2,3-Trichloropropane

Concen: 17.855 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038698.D

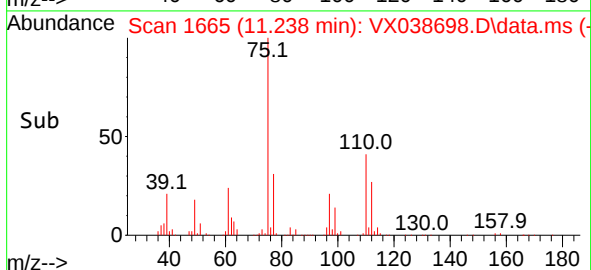
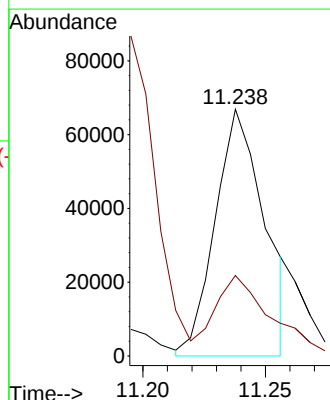
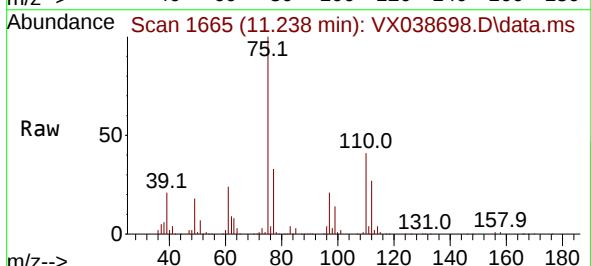
Acq: 10 Nov 2023 02:24

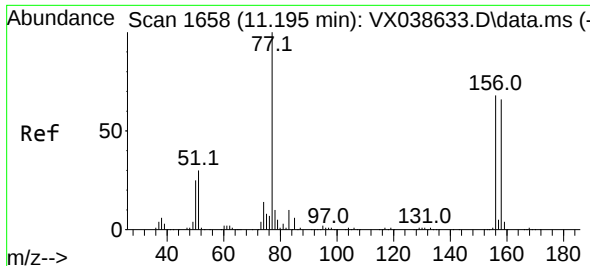
Tgt Ion: 75 Resp: 93202

Ion Ratio Lower Upper

75 100

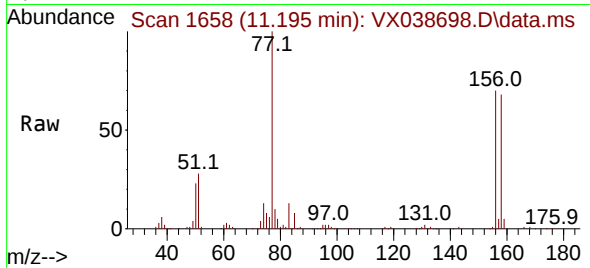
77 37.4 19.1 57.5





#77
Bromobenzene
Concen: 18.220 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

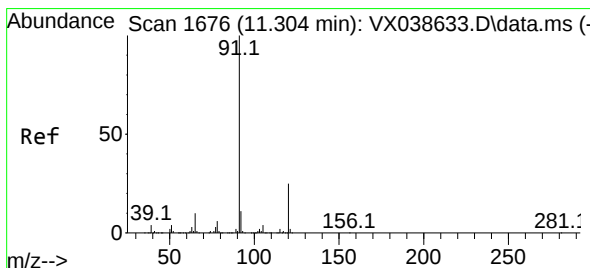
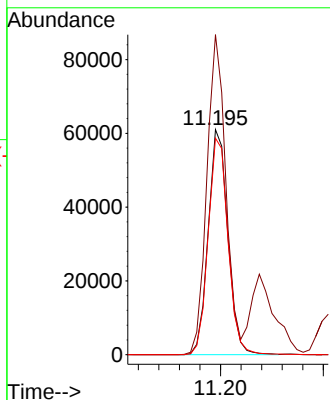
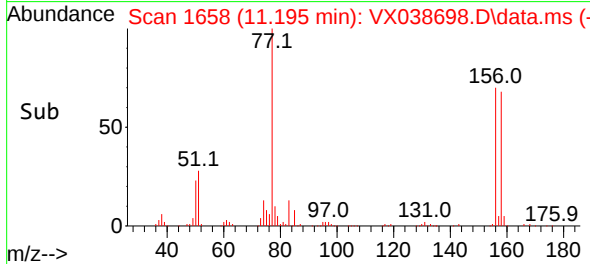
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



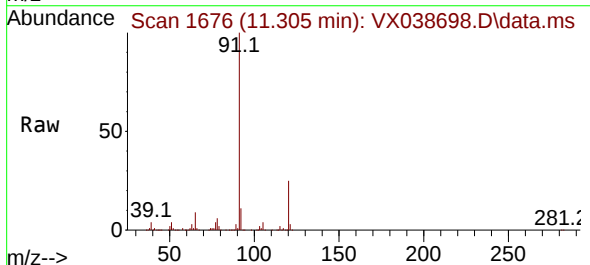
Tgt Ion:156 Resp: 80859
Ion Ratio Lower Upper
156 100
77 136.9 88.4 265.3
158 97.4 48.0 144.0

Manual Integrations
APPROVED

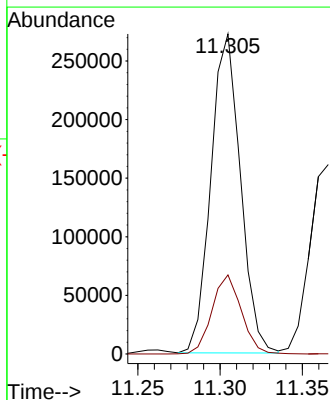
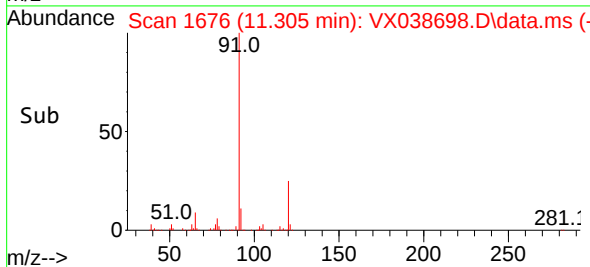
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

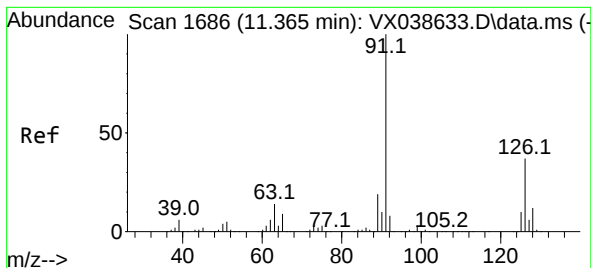


#78
n-propylbenzene
Concen: 18.068 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24



Tgt Ion: 91 Resp: 339985
Ion Ratio Lower Upper
91 100
120 24.5 11.5 34.4





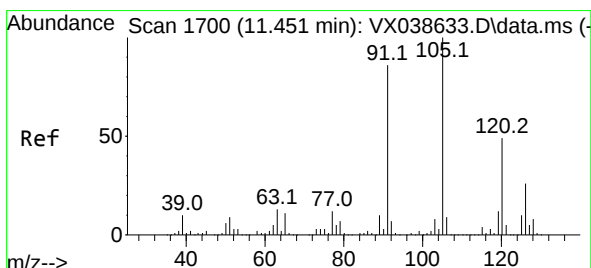
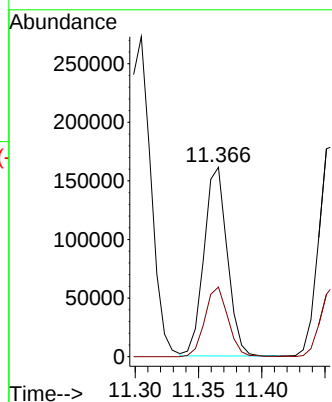
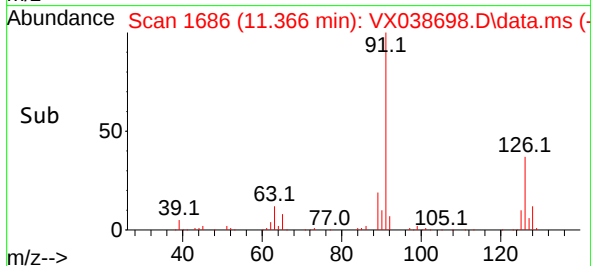
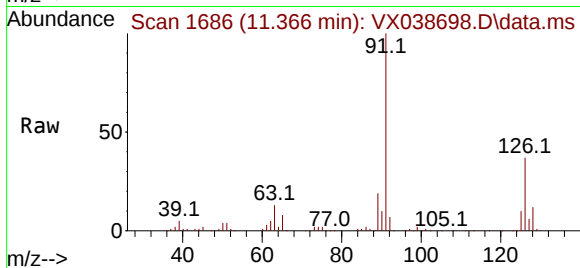
#79
2-Chlorotoluene
Concen: 18.329 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02

Tgt Ion: 91 Resp: 20648
Ion Ratio Lower Upper
91 100
126 36.8 16.3 48.8

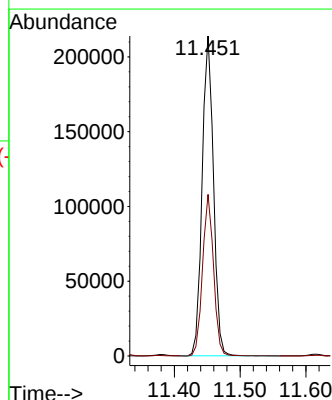
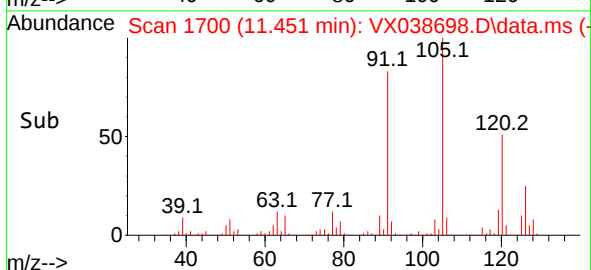
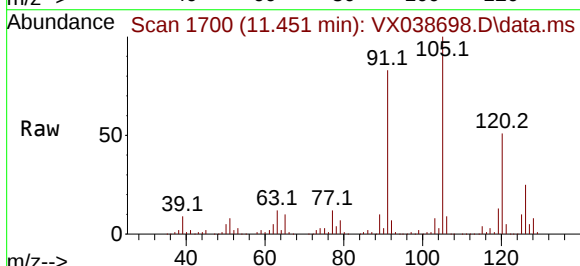
Manual Integrations
APPROVED

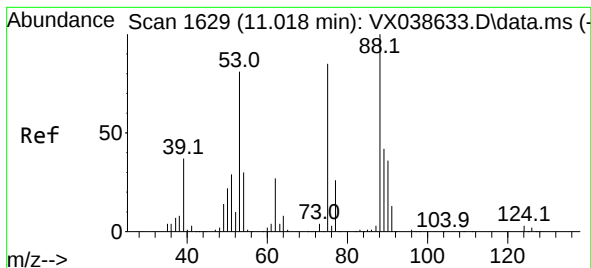
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.351 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Tgt Ion:105 Resp: 255381
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.3





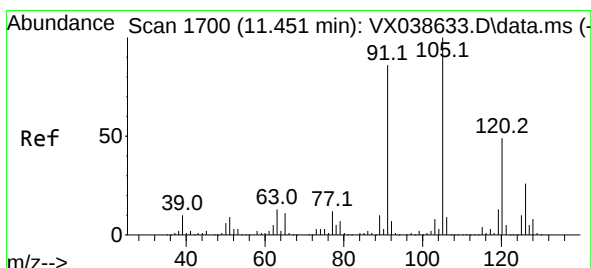
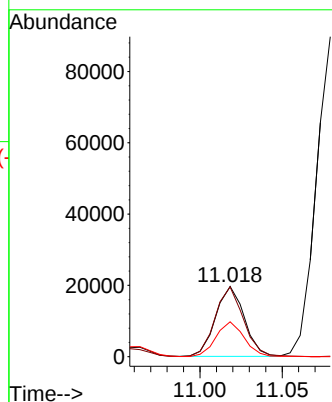
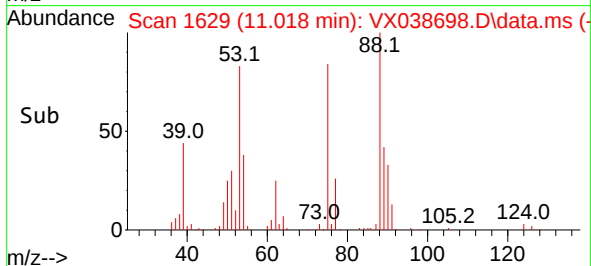
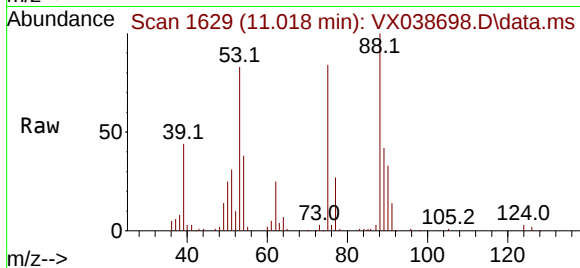
#81
trans-1,4-Dichloro-2-butene
Concen: 15.853 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02

Tgt Ion: 75 Resp: 2385
Ion Ratio Lower Upper
75 100
53 98.6 90.5 135.7
89 49.2 36.9 55.3

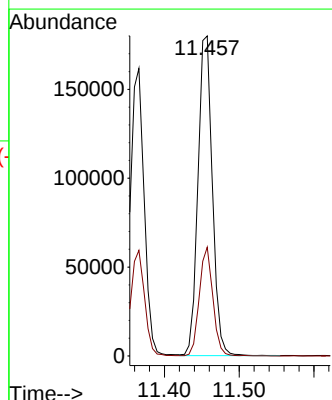
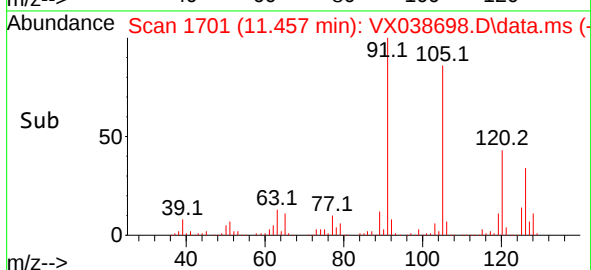
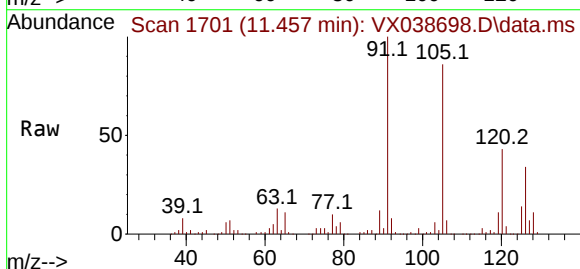
Manual Integrations
APPROVED

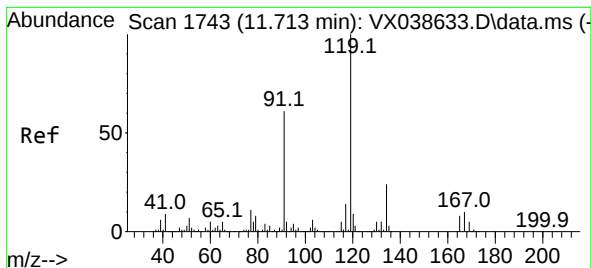
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#82
4-Chlorotoluene
Concen: 18.259 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Tgt Ion: 91 Resp: 240305
Ion Ratio Lower Upper
91 100
126 32.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.004 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

Tgt Ion:119 Resp: 25388

Ion Ratio Lower Upper

119 100

91 57.2 31.2 93.6

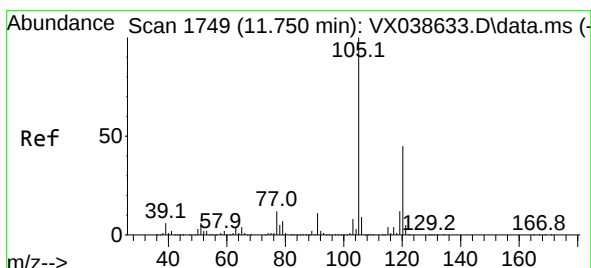
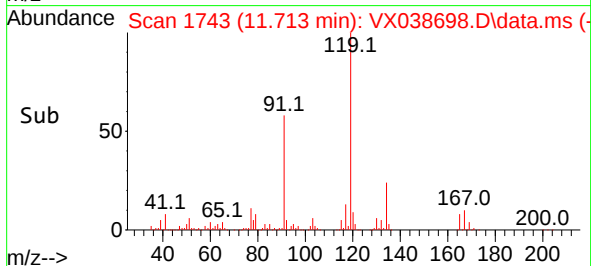
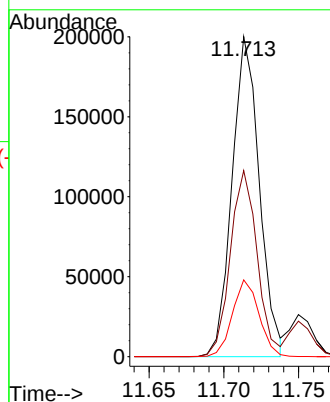
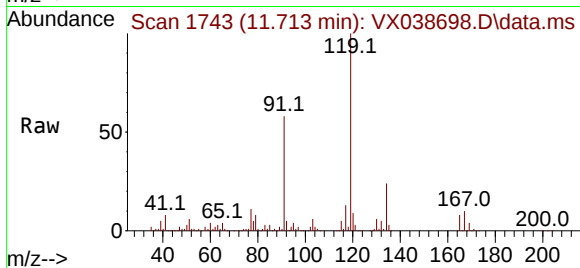
134 23.4 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.414 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038698.D

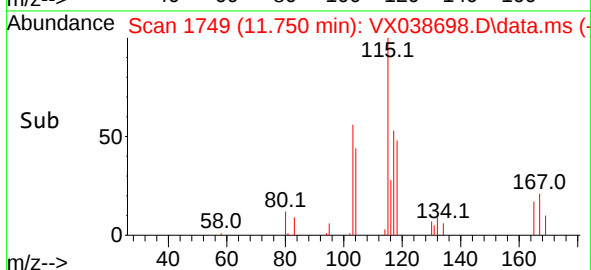
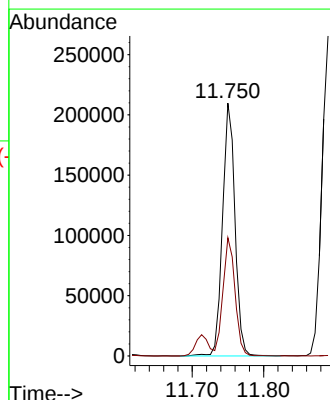
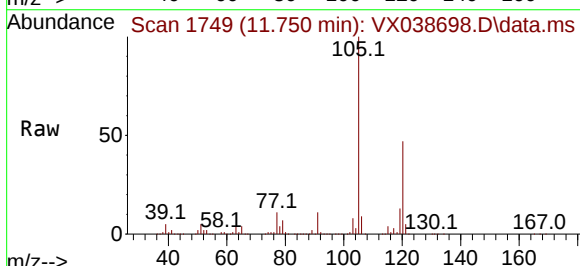
Acq: 10 Nov 2023 02:24

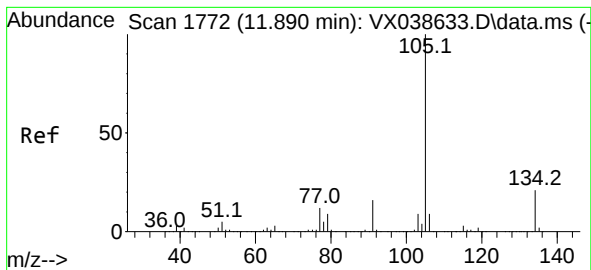
Tgt Ion:105 Resp: 254165

Ion Ratio Lower Upper

105 100

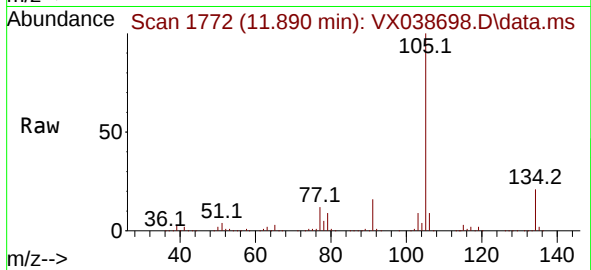
120 45.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 17.950 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038698.D
 Acq: 10 Nov 2023 02:24

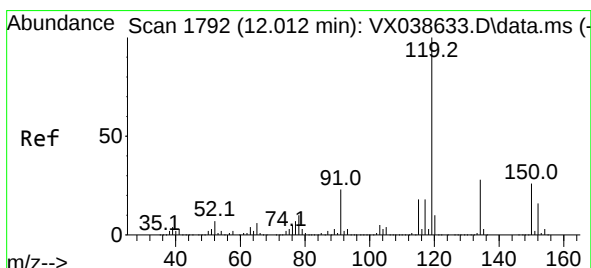
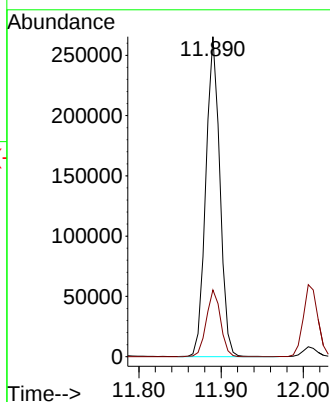
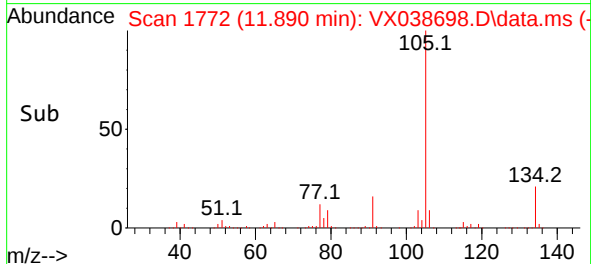
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD02



Tgt Ion:105 Resp: 315840
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.8 29.4

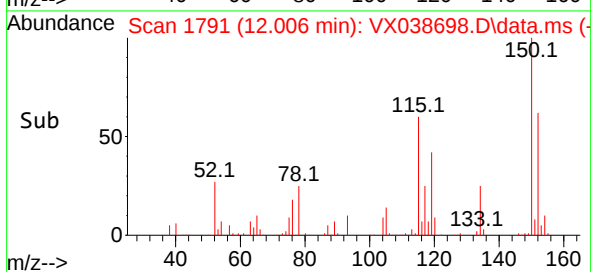
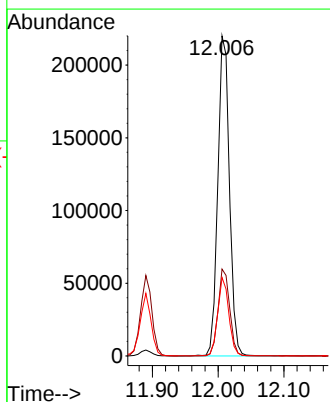
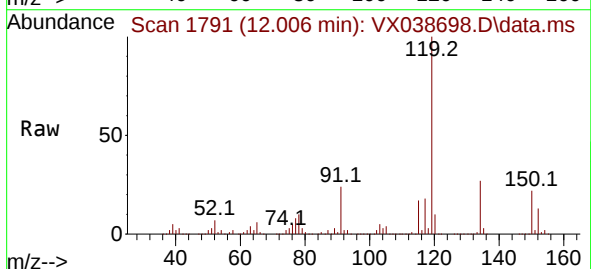
Manual Integrations
 APPROVED

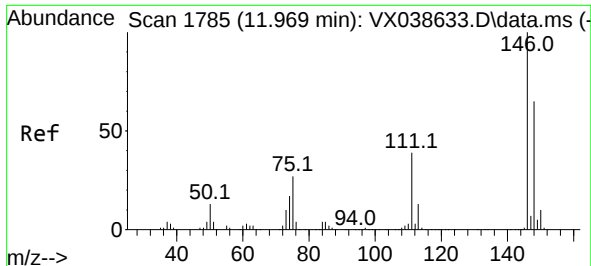
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#86
 p-Isopropyltoluene
 Concen: 18.070 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038698.D
 Acq: 10 Nov 2023 02:24

Tgt Ion:119 Resp: 270853
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 23.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 17.977 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038698.D

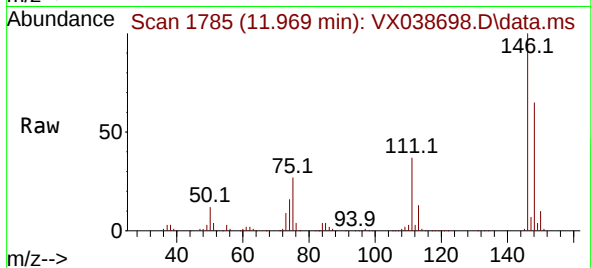
Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02



Tgt Ion:146 Resp: 15252

Ion Ratio Lower Upper

146 100

111 38.7 22.1 66.1

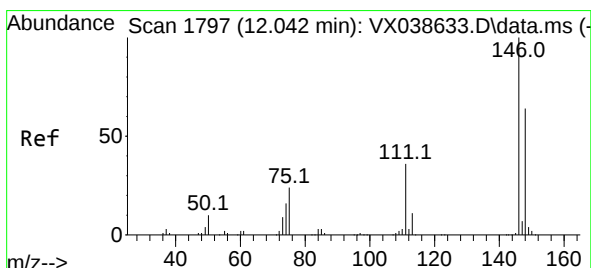
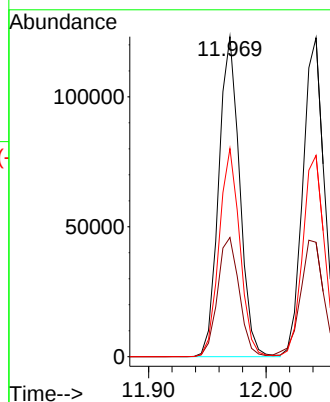
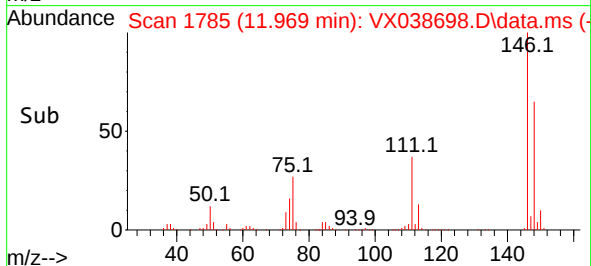
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#88

1,4-Dichlorobenzene

Concen: 18.021 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

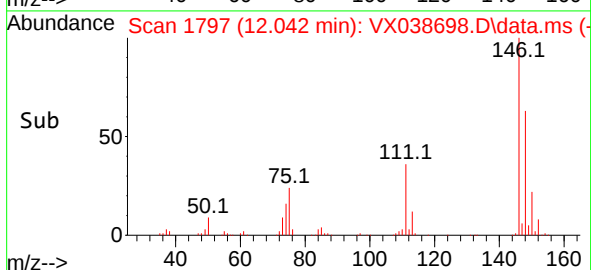
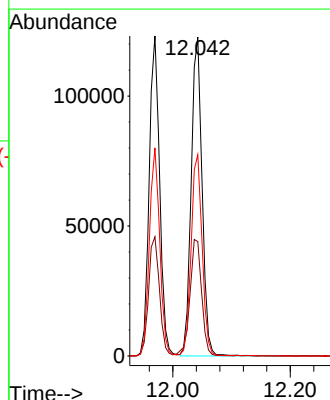
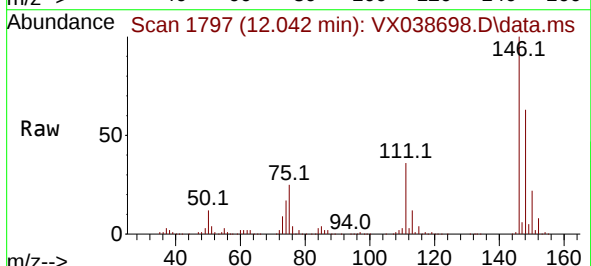
Tgt Ion:146 Resp: 157164

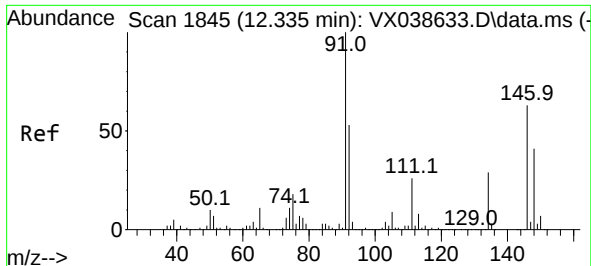
Ion Ratio Lower Upper

146 100

111 39.1 21.3 63.7

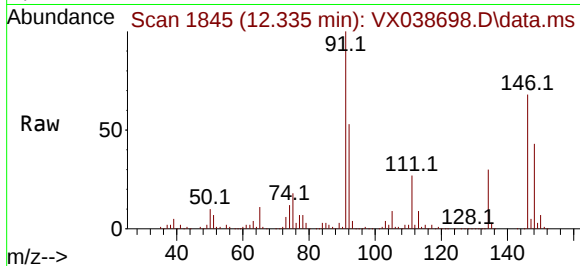
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 17.050 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

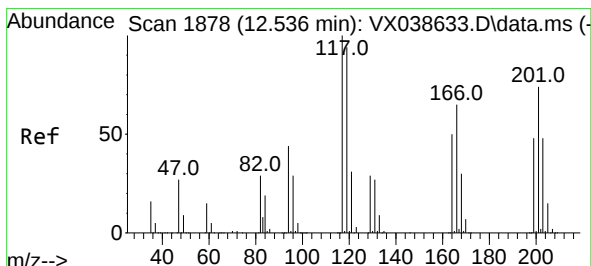
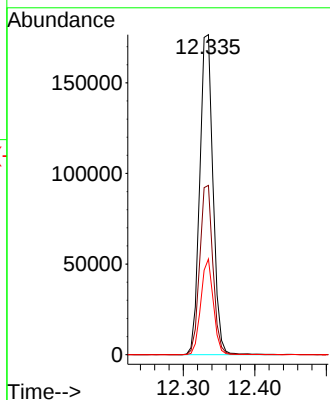
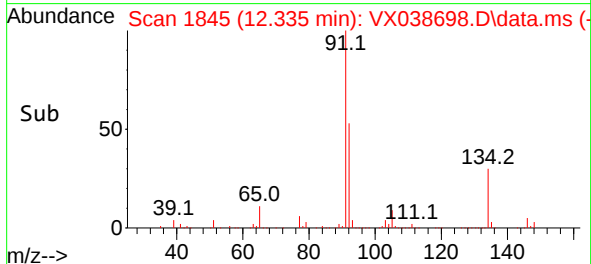
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



Tgt Ion: 91 Resp: 227420
Ion Ratio Lower Upper
91 100
92 52.7 27.4 82.0
134 28.2 12.6 37.8

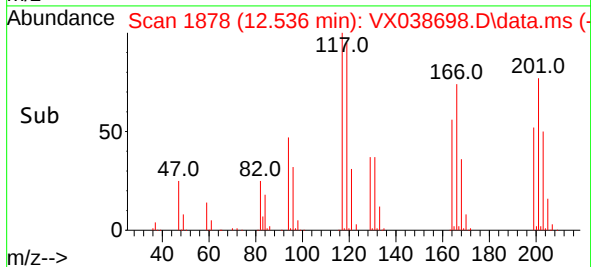
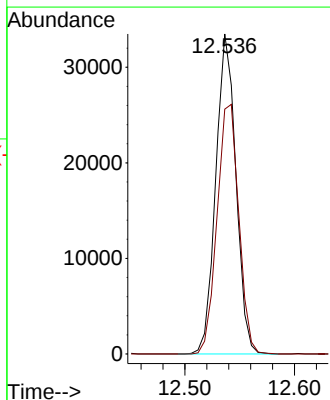
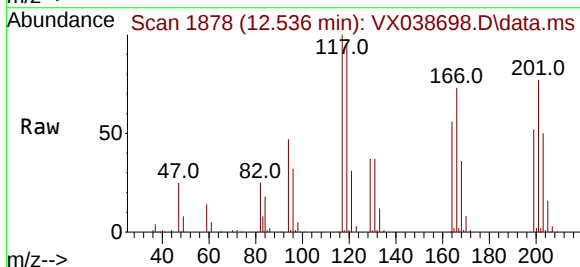
Manual Integrations
APPROVED

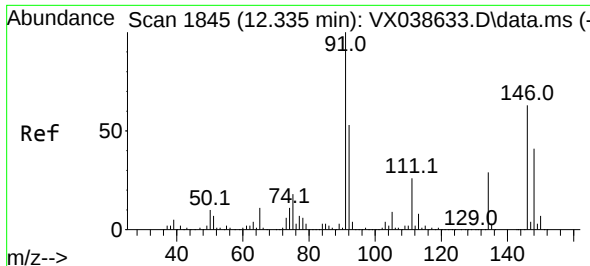
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#90
Hexachloroethane
Concen: 16.828 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

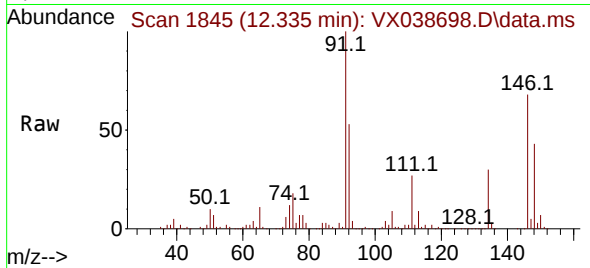
Tgt Ion:117 Resp: 42725
Ion Ratio Lower Upper
117 100
201 84.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 17.895 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

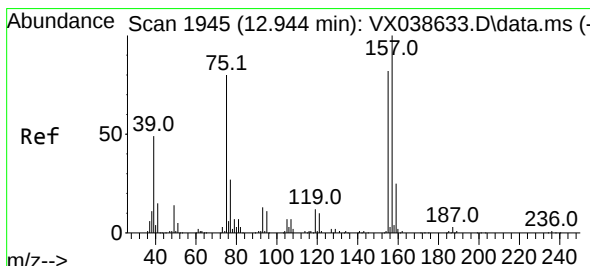
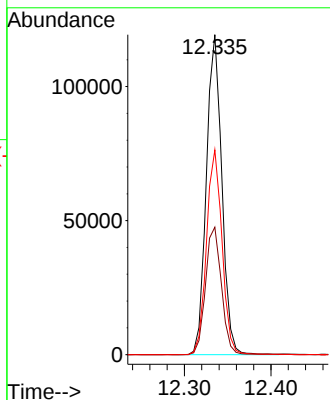
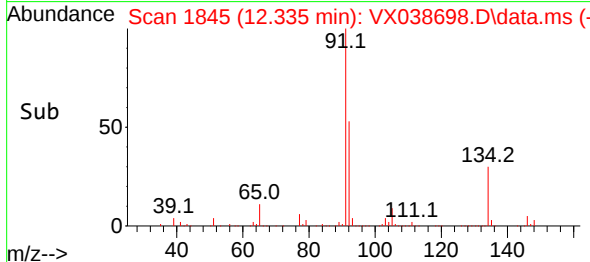
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02



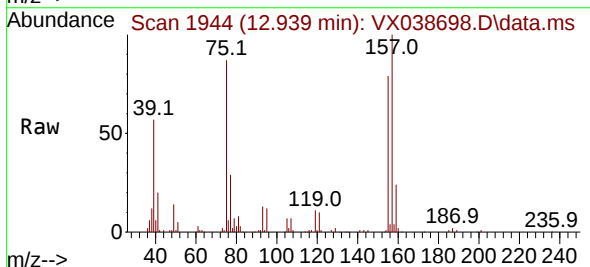
Tgt Ion:146 Resp: 14828
Ion Ratio Lower Upper
146 100
111 41.1 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
APPROVED

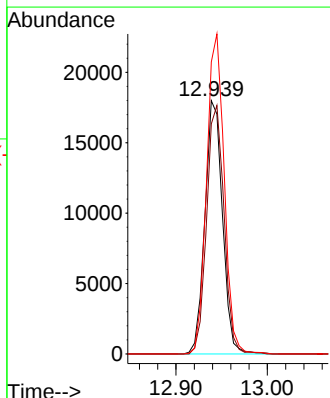
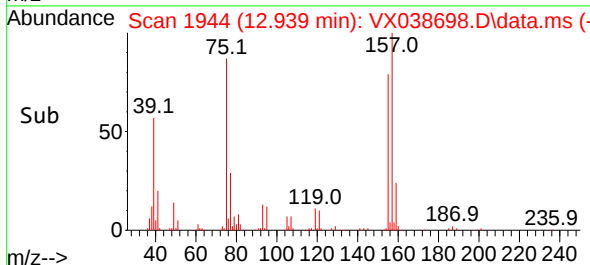
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023

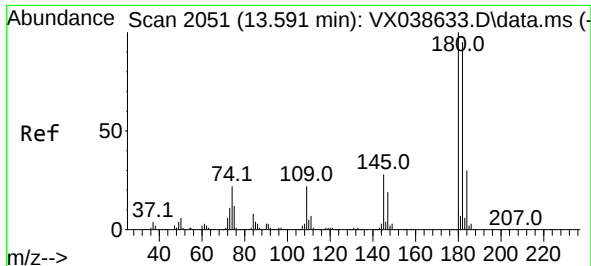


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.068 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24



Tgt Ion: 75 Resp: 23980
Ion Ratio Lower Upper
75 100
155 97.2 36.1 108.5
157 126.3 44.9 134.7





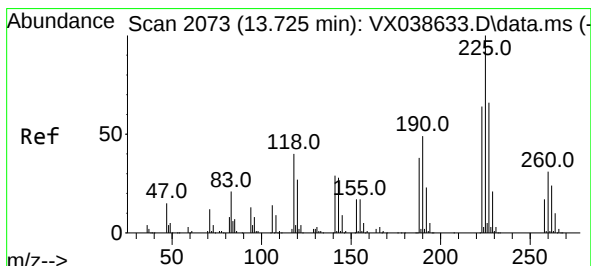
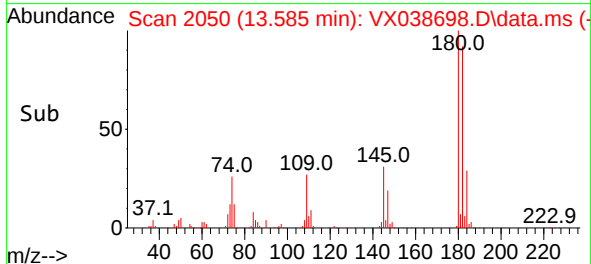
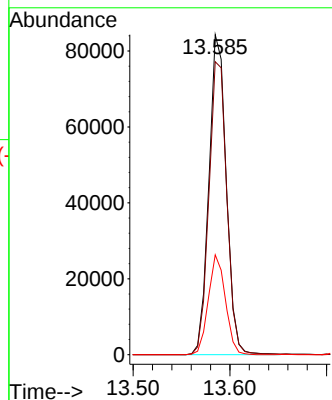
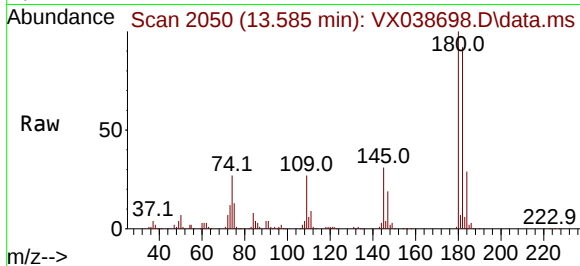
#93
1,2,4-Trichlorobenzene
Concen: 17.807 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02

Tgt Ion:180 Resp: 105538
Ion Ratio Lower Upper
180 100
182 94.5 48.3 144.8
145 30.7 18.0 54.0

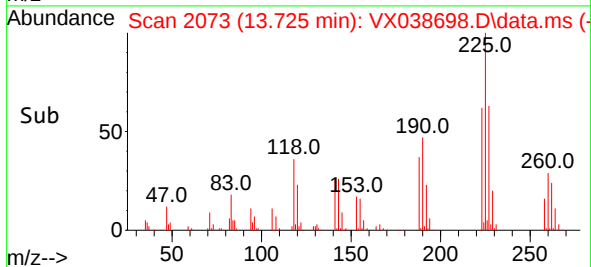
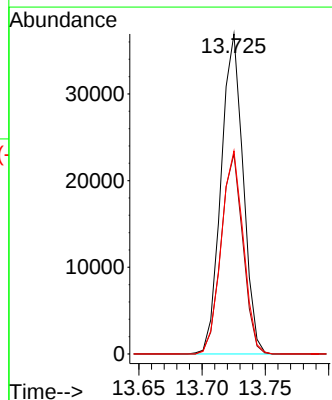
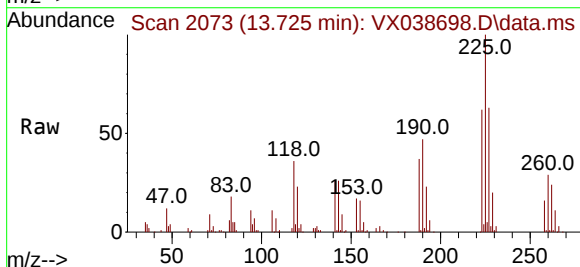
Manual Integrations
APPROVED

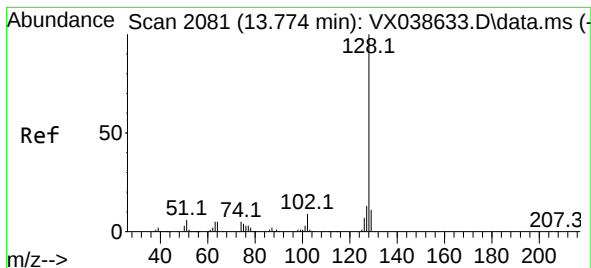
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/13/2023



#94
Hexachlorobutadiene
Concen: 17.453 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038698.D
Acq: 10 Nov 2023 02:24

Tgt Ion:225 Resp: 44633
Ion Ratio Lower Upper
225 100
223 61.9 31.1 93.2
227 63.6 32.5 97.5





#95

Naphthalene

Concen: 18.458 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD02

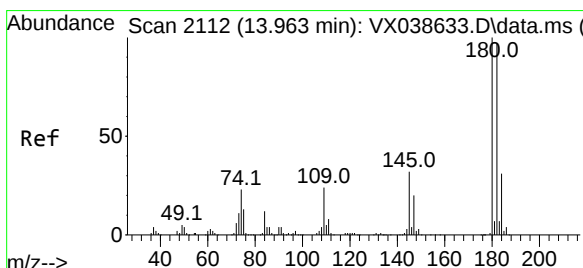
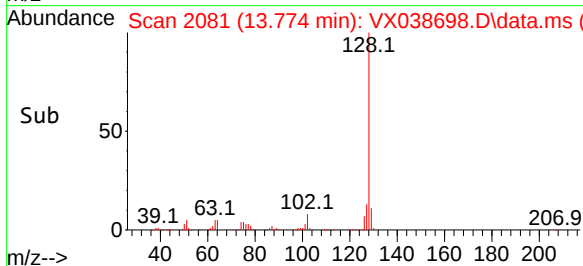
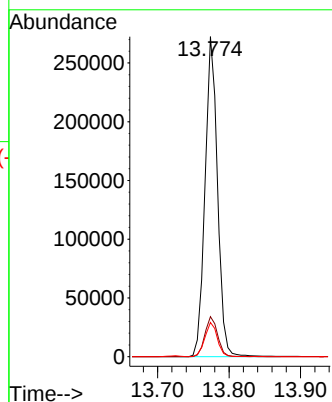
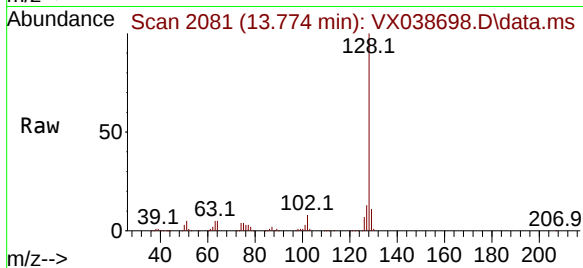
Tgt Ion:	128	Resp:	329972
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.015 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX038698.D

Acq: 10 Nov 2023 02:24

Tgt Ion:	180	Resp:	105238
Ion Ratio	Lower	Upper	
180	100		
182	95.8	46.9	140.6
145	32.4	17.8	53.5

