

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030022.D
 Acq On : 12 Jul 2022 16:17
 Operator : JC/MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 13 09:25:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:24:02 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	204180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	358395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	127199	51.182	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.360%			
35) Dibromofluoromethane	5.391	113	115133	50.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.580%			
50) Toluene-d8	8.653	98	434243	50.429	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.860%			
62) 4-Bromofluorobenzene	11.079	95	145498	48.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1297	0.599	ug/l	96
3) Chloromethane	1.288	50	1646	0.774	ug/l	91
4) Vinyl Chloride	1.374	62	1572	0.665	ug/l #	59
5) Bromomethane	1.605	94	968	0.964	ug/l	95
6) Chloroethane	1.685	64	1056	0.793	ug/l #	85
7) Trichlorofluoromethane	1.892	101	2259	0.740	ug/l	91
8) Diethyl Ether	2.136	74	990	0.784	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	1351	0.648	ug/l #	81
10) Methyl Iodide	2.453	142	980	0.572	ug/l #	82
11) Tert butyl alcohol	2.983	59	4565m	7.117	ug/l	
12) 1,1-Dichloroethene	2.319	96	1817	0.873	ug/l #	72
13) Acrolein	2.240	56	764	5.981	ug/l	98
14) Allyl chloride	2.666	41	2939	0.808	ug/l	91
15) Acrylonitrile	3.075	53	5585	3.831	ug/l	95
16) Acetone	2.386	43	5772	4.929	ug/l	95
17) Carbon Disulfide	2.514	76	3565	0.681	ug/l	100
18) Methyl Acetate	2.709	43	3011	0.845	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	5019	0.763	ug/l	96
20) Methylene Chloride	2.794	84	2238	0.826	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	1523	0.702	ug/l	95
22) Diisopropyl ether	3.776	45	5052	0.710	ug/l #	73
23) Vinyl Acetate	3.727	43	20278	3.366	ug/l	99
24) 1,1-Dichloroethane	3.611	63	3094	0.785	ug/l #	82
25) 2-Butanone	4.581	43	7575	3.797	ug/l	91
26) 2,2-Dichloropropane	4.477	77	2130	0.769	ug/l #	70
27) cis-1,2-Dichloroethene	4.507	96	1949	0.734	ug/l	57
28) Bromochloromethane	4.904	49	1233	0.743	ug/l #	69
29) Tetrahydrofuran	5.013	42	5255	3.882	ug/l	91
30) Chloroform	5.093	83	2979m	0.758	ug/l	
31) Cyclohexane	5.471	56	2425	0.673	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	2568	0.800	ug/l #	37
36) 1,1-Dichloropropene	5.690	75	2390	0.808	ug/l	83
37) Ethyl Acetate	4.733	43	2698	0.710	ug/l	94
38) Carbon Tetrachloride	5.690	117	2064	0.748	ug/l #	80
39) Methylcyclohexane	7.385	83	2705	0.722	ug/l #	82
40) Benzene	6.050	78	6771	0.727	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	1742m	0.851	ug/l	
42) 1,2-Dichloroethane	6.105	62	2392	0.829	ug/l	100
43) Isopropyl Acetate	6.355	43	4526	0.792	ug/l #	86
44) Trichloroethene	7.129	130	2352	0.865	ug/l	94
45) 1,2-Dichloropropane	7.434	63	1841	0.761	ug/l	100
46) Dibromomethane	7.598	93	1318	0.791	ug/l	97
47) Bromodichloromethane	7.830	83	2011	0.666	ug/l #	82
48) Methyl methacrylate	7.702	41	2053	0.779	ug/l #	88
49) 1,4-Dioxane	7.684	88	1175	17.153	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	14636	3.871	ug/l	98
52) Toluene	8.726	92	4089	0.692	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	2257	0.719	ug/l	94
54) cis-1,3-Dichloropropene	8.379	75	2584	0.719	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	1958	0.803	ug/l #	80
56) Ethyl methacrylate	9.122	69	2593	0.708	ug/l	97
57) 1,3-Dichloropropane	9.311	76	3122	0.806	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.251	63	6684	3.359	ug/l	95
59) 2-Hexanone	9.433	43	9831	3.390	ug/l	91
60) Dibromochloromethane	9.525	129	1842	0.776	ug/l	96
61) 1,2-Dibromoethane	9.616	107	1742	0.687	ug/l	98
64) Tetrachloroethene	9.281	164	2030	0.815	ug/l #	84
65) Chlorobenzene	10.080	112	4840	0.783	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1404	0.667	ug/l #	52
67) Ethyl Benzene	10.195	91	7837	0.749	ug/l	90
68) m/p-Xylenes	10.305	106	6057	1.475	ug/l	97
69) o-Xylene	10.647	106	3027	0.736	ug/l	92
70) Styrene	10.659	104	4771	0.699	ug/l	98
71) Bromoform	10.811	173	1189	0.703	ug/l #	95
73) Isopropylbenzene	10.964	105	6701	0.699	ug/l	90
74) N-amyl acetate	10.848	43	2867	0.681	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	2897	0.838	ug/l #	96
76) 1,2,3-Trichloropropane	11.244	75	2386m	0.754	ug/l	
77) Bromobenzene	11.201	156	1917	0.799	ug/l	90
78) n-propylbenzene	11.311	91	8084	0.711	ug/l	99
79) 2-Chlorotoluene	11.366	91	5487	0.806	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	6778	0.839	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.025	75	852m	0.777	ug/l	
82) 4-Chlorotoluene	11.457	91	5975	0.783	ug/l	91
83) tert-Butylbenzene	11.713	119	5765	0.744	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	6012	0.753	ug/l	100
85) sec-Butylbenzene	11.890	105	6902	0.674	ug/l	98
86) p-Isopropyltoluene	12.012	119	5698	0.694	ug/l	88
87) 1,3-Dichlorobenzene	11.969	146	3672	0.829	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	4047m	0.890	ug/l	
89) n-Butylbenzene	12.335	91	5344	0.726	ug/l	100
90) Hexachloroethane	12.543	117	951	0.677	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	3389	0.753	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.945	75	898	1.137	ug/l	55
93) 1,2,4-Trichlorobenzene	13.591	180	2174	0.786	ug/l	97
94) Hexachlorobutadiene	13.725	225	953	0.863	ug/l	87
95) Naphthalene	13.780	128	9251	0.843	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2465	0.876	ug/l	91

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ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

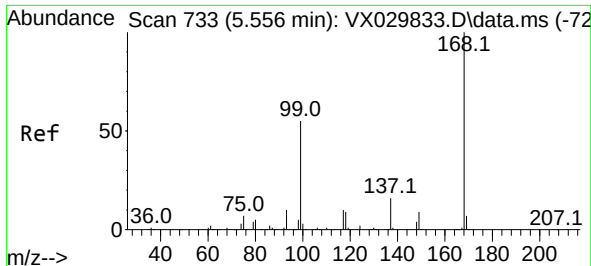
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/13/2022

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Quant Title : SW846 8260
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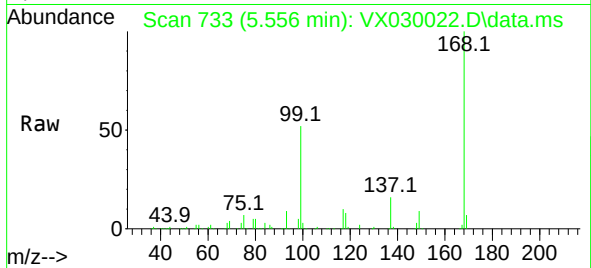
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
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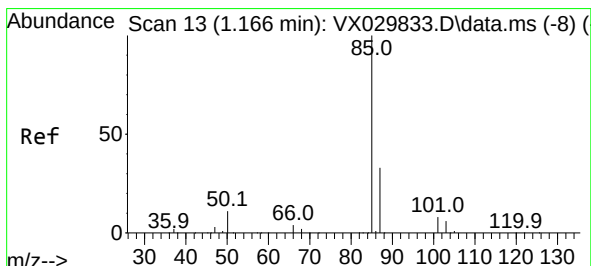
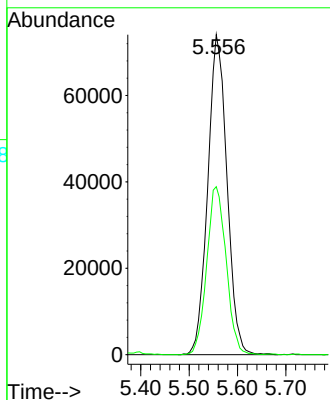
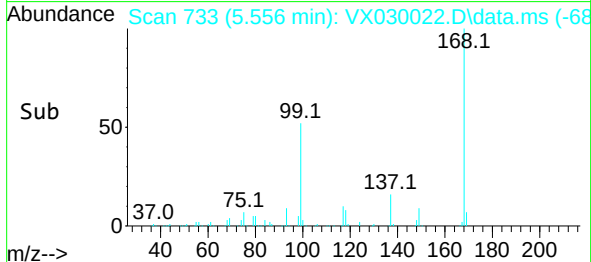
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:168 Resp: 204180
Ion Ratio Lower Upper
168 100
99 52.5 44.0 66.0

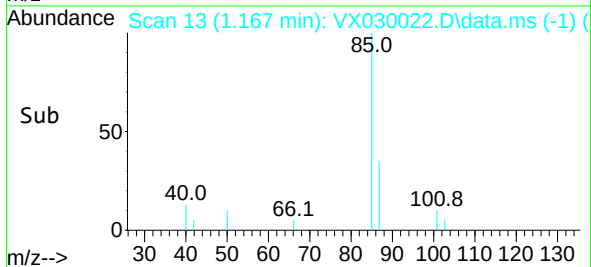
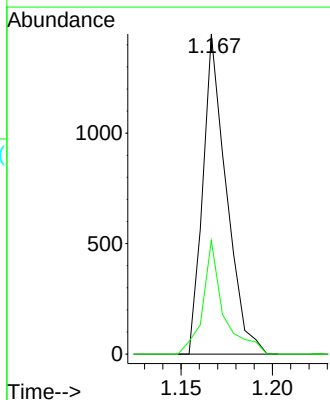
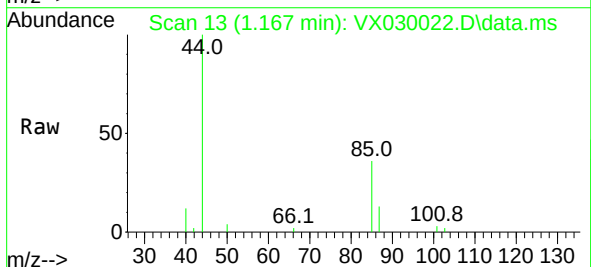
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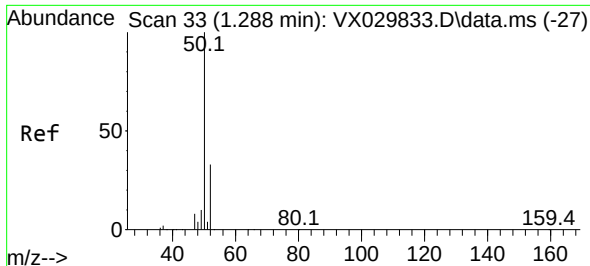
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 0.599 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

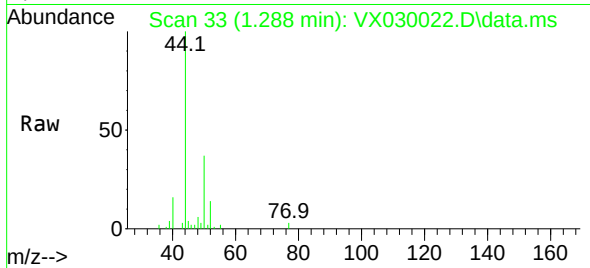
Tgt Ion: 85 Resp: 1297
Ion Ratio Lower Upper
85 100
87 35.5 16.5 49.5





#3
Chloromethane
Concen: 0.774 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

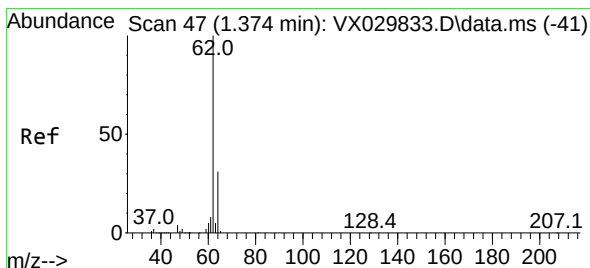
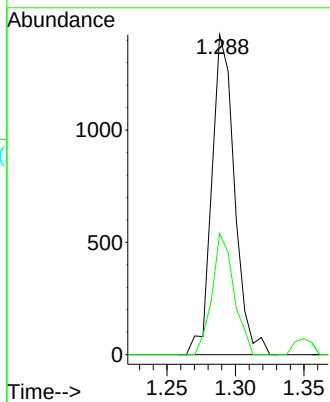
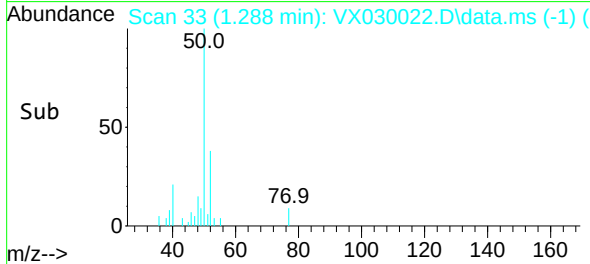
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ClientSampleId :
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Tgt Ion: 50 Resp: 1640
Ion Ratio Lower Upper
50 100
52 37.8 26.3 39.5

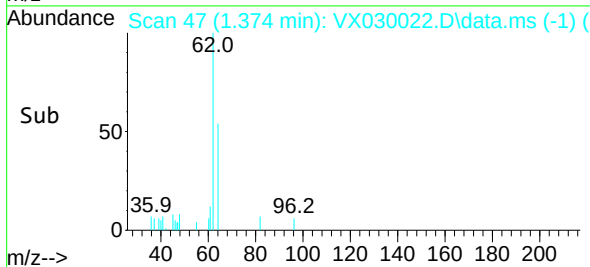
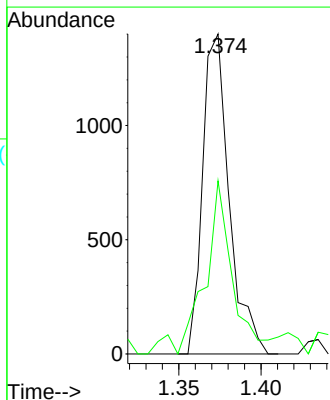
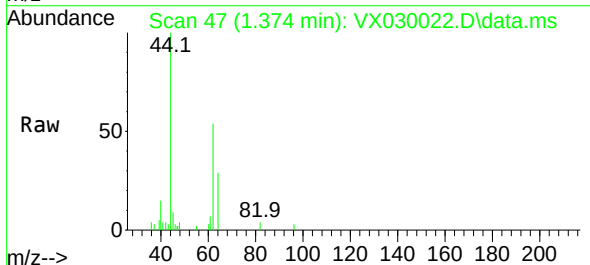
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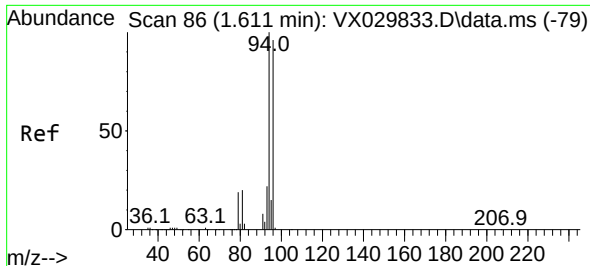
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#4
Vinyl Chloride
Concen: 0.665 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

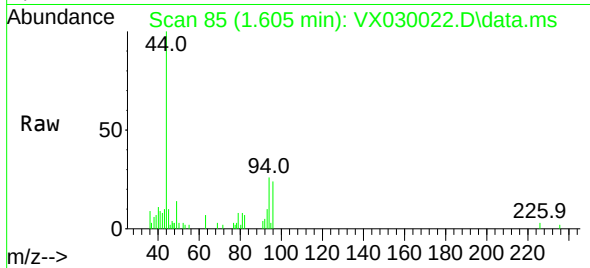
Tgt Ion: 62 Resp: 1572
Ion Ratio Lower Upper
62 100
64 54.1 25.2 37.8#





#5
Bromomethane
Concen: 0.964 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

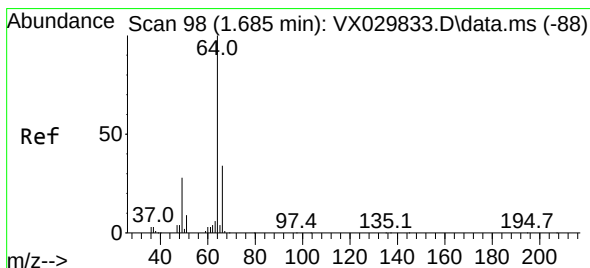
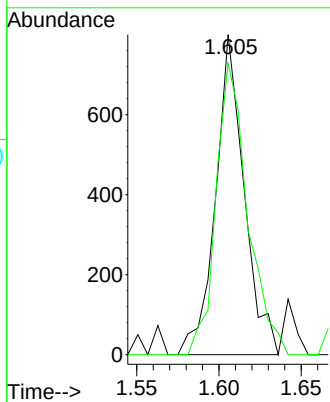
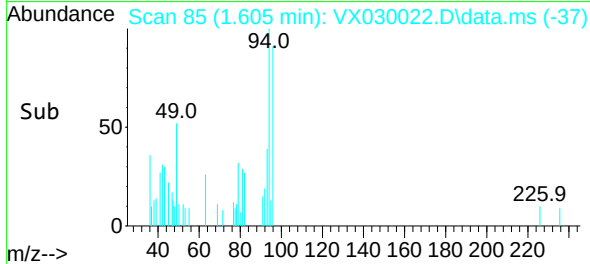
Instrument :
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Tgt Ion: 94 Resp: 968
Ion Ratio Lower Upper
94 100
96 91.1 76.9 115.3

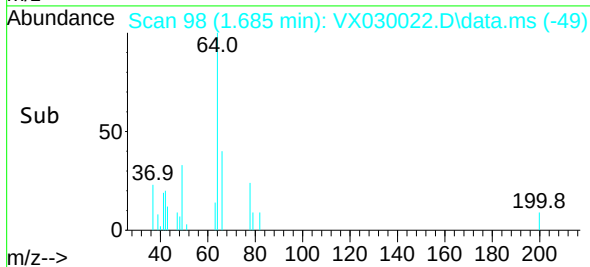
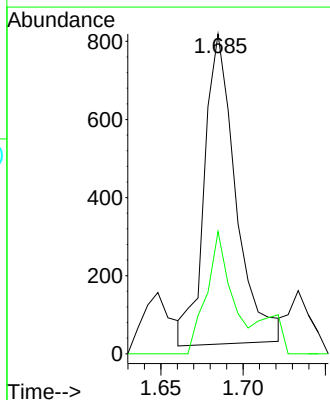
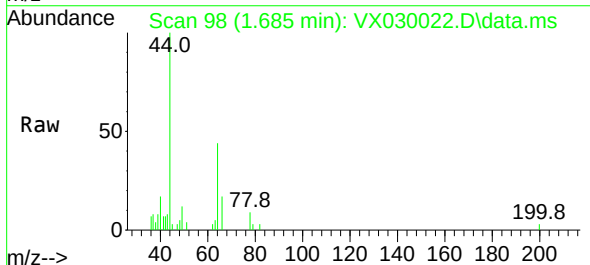
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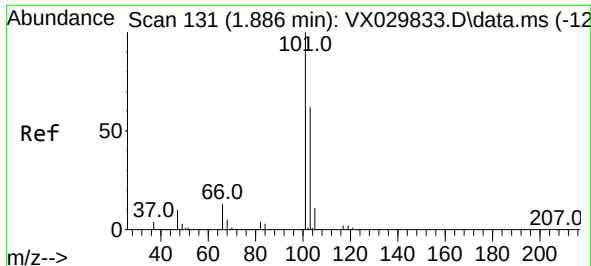
Reviewed By :John Carlone 07/13/2022
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#6
Chloroethane
Concen: 0.793 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion: 64 Resp: 1056
Ion Ratio Lower Upper
64 100
66 42.6 27.2 40.8#





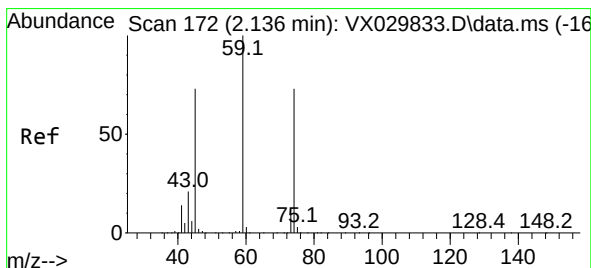
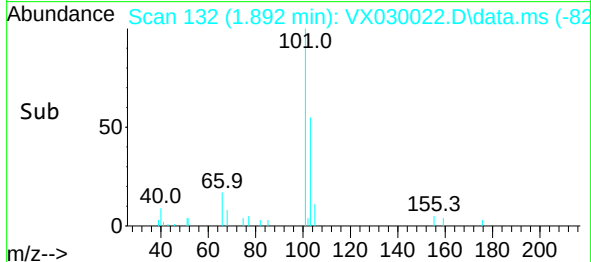
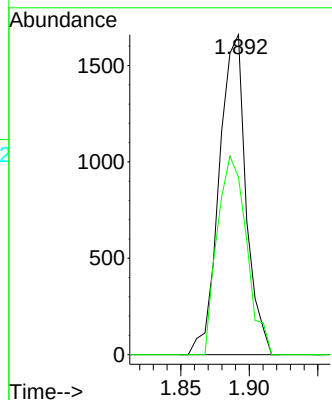
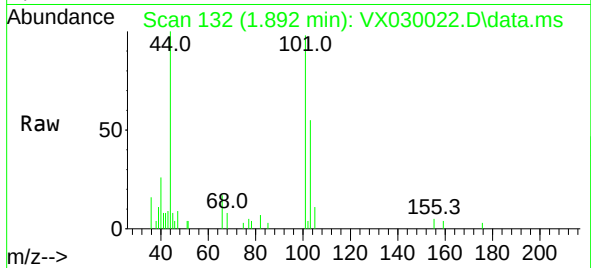
#7
Trichlorofluoromethane
Concen: 0.740 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:101 Resp: 225
Ion Ratio Lower Upper
101 100
103 55.5 49.7 74.5

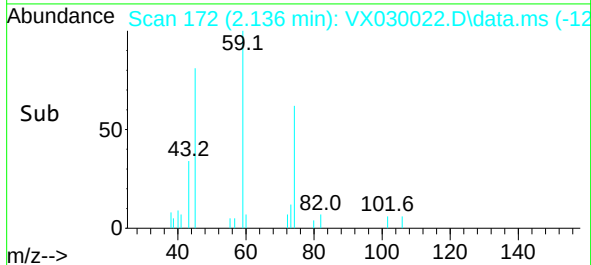
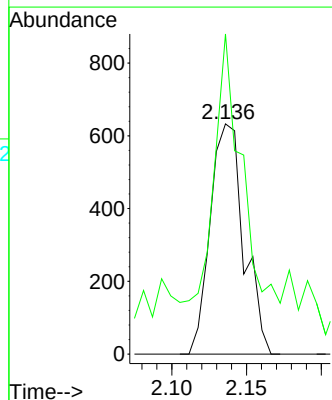
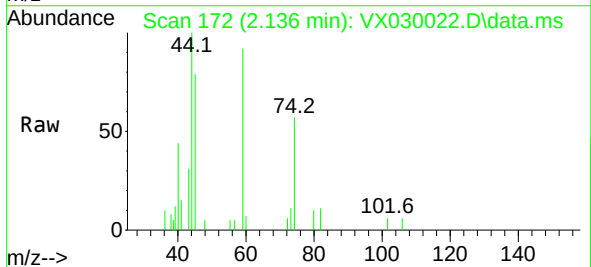
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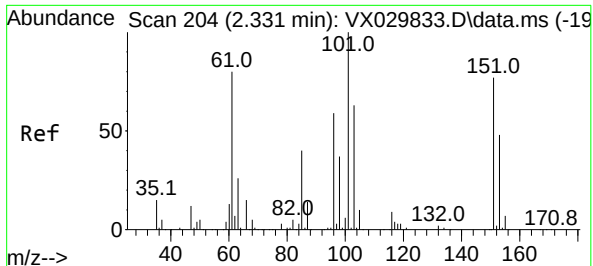
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#8
Diethyl Ether
Concen: 0.784 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion: 74 Resp: 990
Ion Ratio Lower Upper
74 100
45 89.7 51.5 154.7





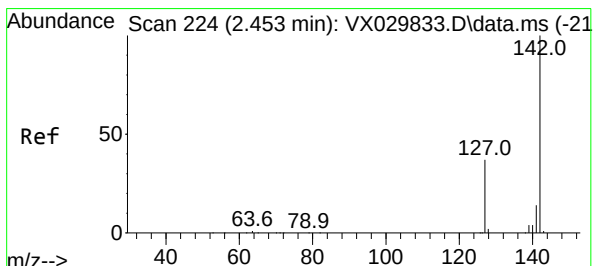
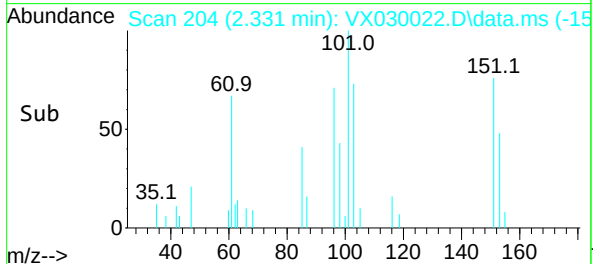
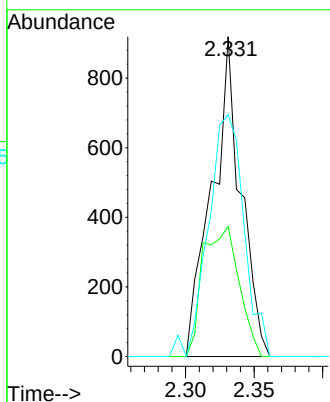
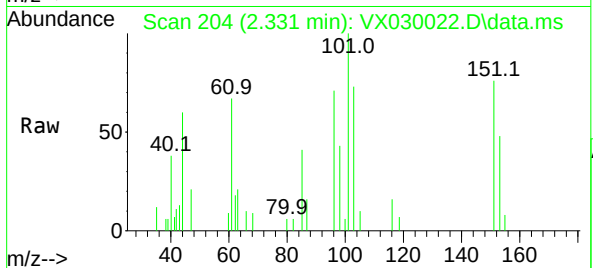
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.648 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:101 Resp: 135
Ion Ratio Lower Upper
101 100
85 50.7 34.0 51.0
151 93.3 59.4 89.0

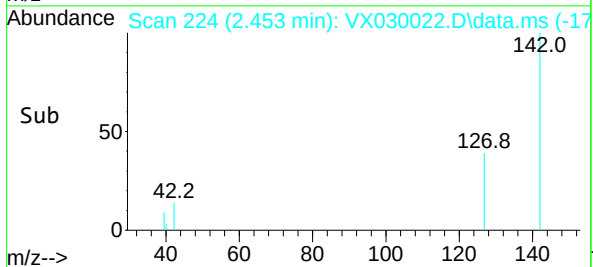
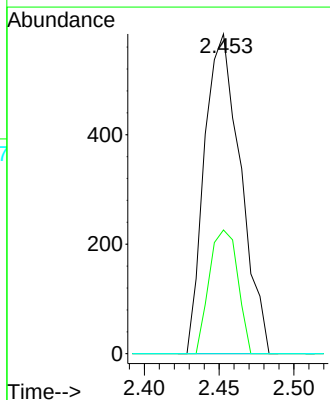
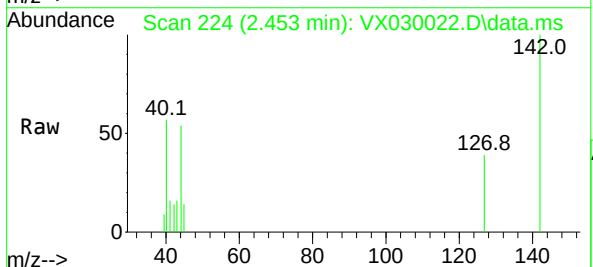
Manual Integrations
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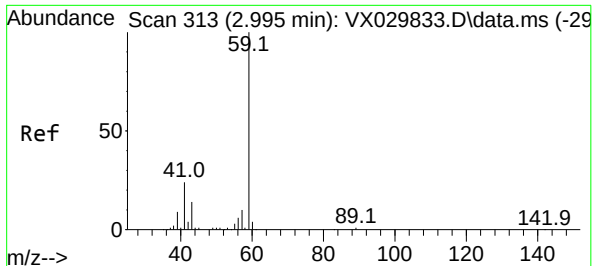
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#10
Methyl Iodide
Concen: 0.572 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion:142 Resp: 980
Ion Ratio Lower Upper
142 100
127 30.4 30.2 45.2
141 0.0 11.3 16.9





#11

Tert butyl alcohol

Concen: 7.117 ug/l m

RT: 2.983 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 59 Resp: 456

Ion Ratio Lower Upper

59 100

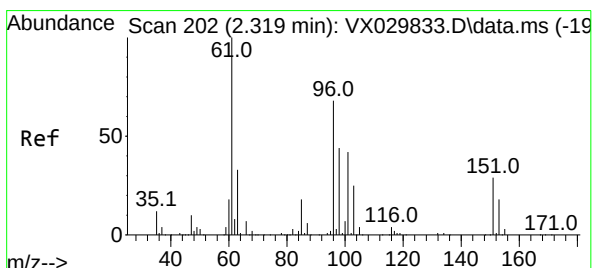
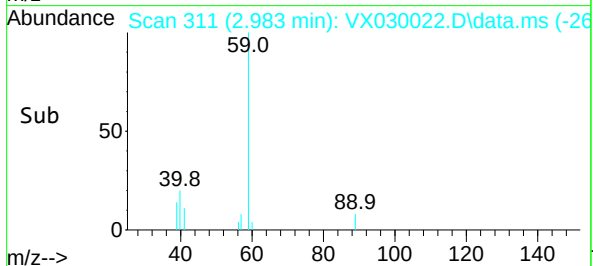
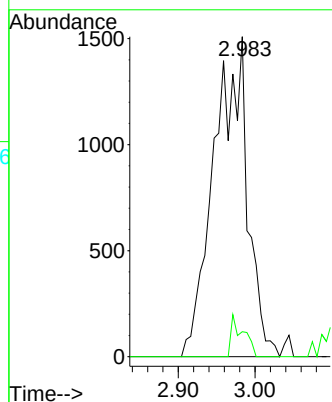
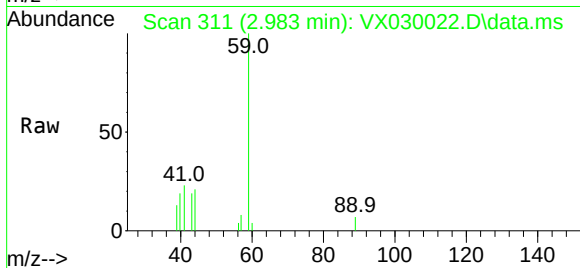
57 4.8 7.4 11.2

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#12

1,1-Dichloroethene

Concen: 0.873 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

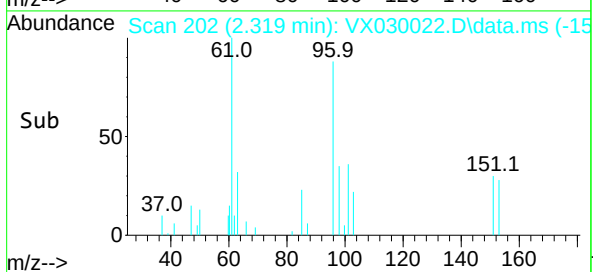
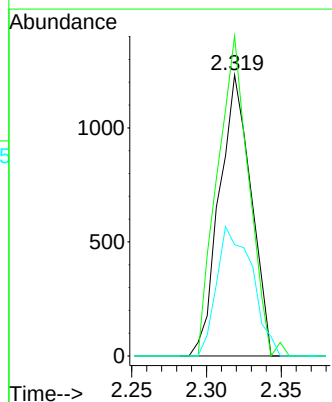
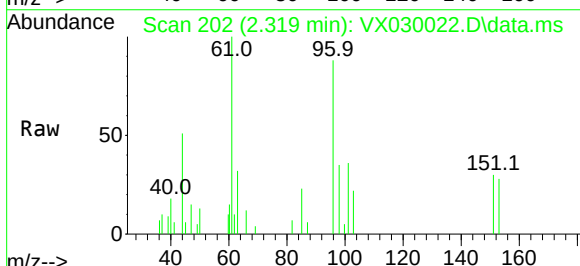
Tgt Ion: 96 Resp: 1817

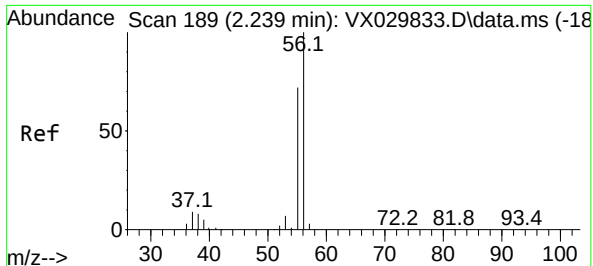
Ion Ratio Lower Upper

96 100

61 113.9 117.4 176.0#

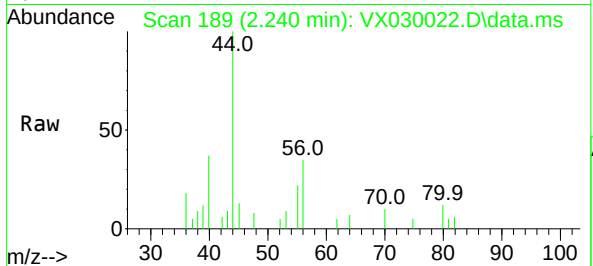
98 39.6 52.2 78.4#





#13
Acrolein
Concen: 5.981 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

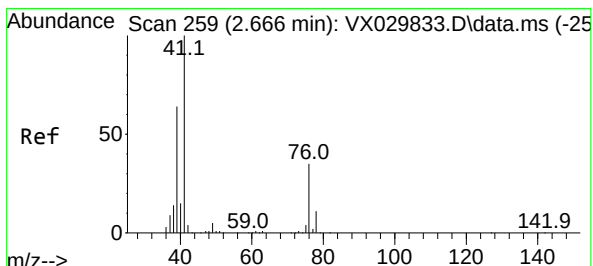
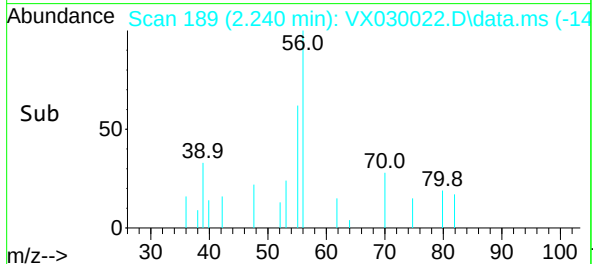
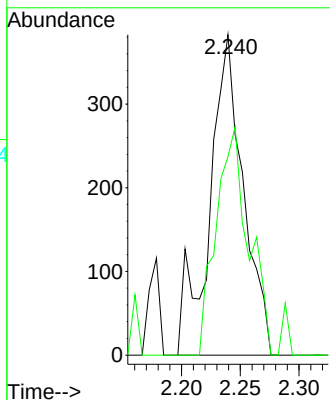
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 56 Resp: 764
Ion Ratio Lower Upper
56 100
55 68.7 56.6 84.8

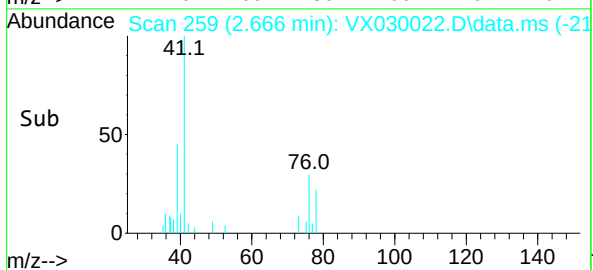
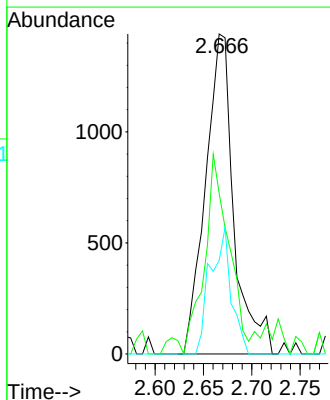
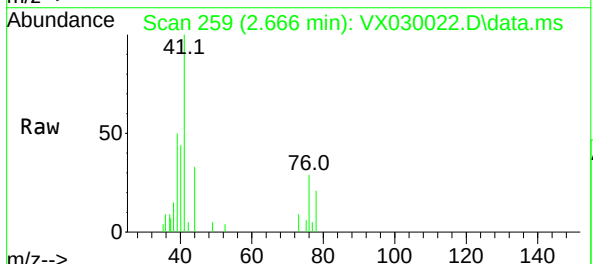
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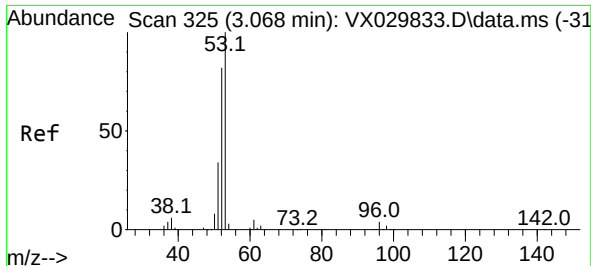
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#14
Allyl chloride
Concen: 0.808 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

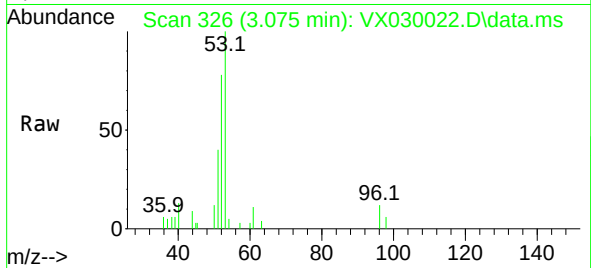
Tgt Ion: 41 Resp: 2939
Ion Ratio Lower Upper
41 100
39 53.5 48.9 73.3
76 29.2 26.9 40.3





#15
Acrylonitrile
Concen: 3.831 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

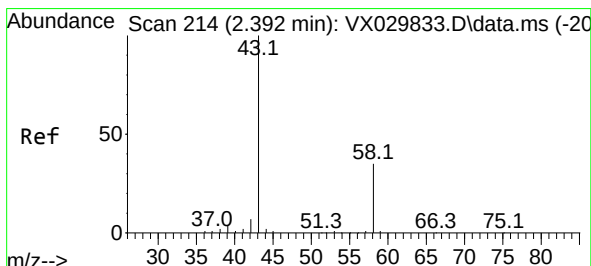
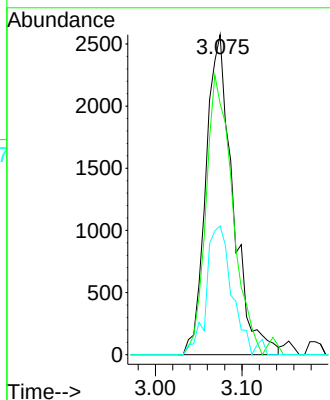
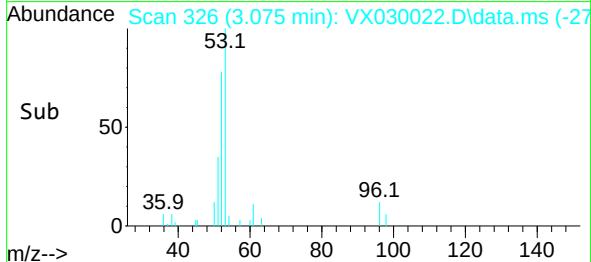
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 53 Resp: 558
Ion Ratio Lower Upper
53 100
52 85.6 65.4 98.0
51 38.0 27.7 41.5

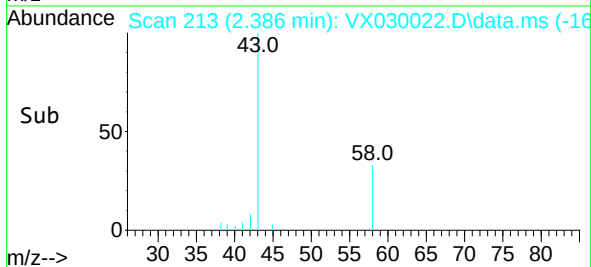
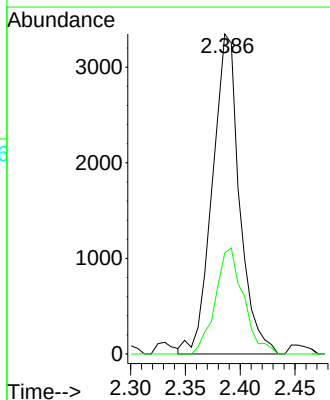
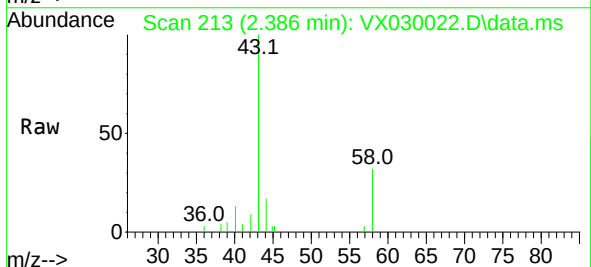
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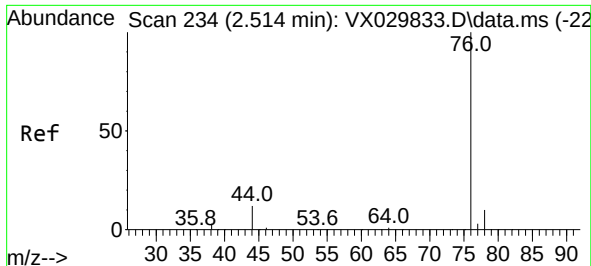
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#16
Acetone
Concen: 4.929 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

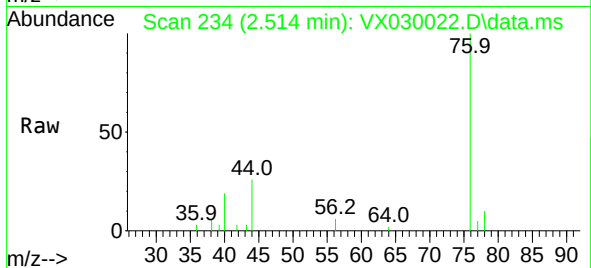
Tgt Ion: 43 Resp: 5772
Ion Ratio Lower Upper
43 100
58 31.6 27.7 41.5





#17
Carbon Disulfide
Concen: 0.681 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

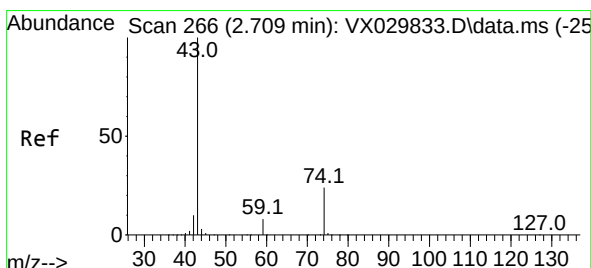
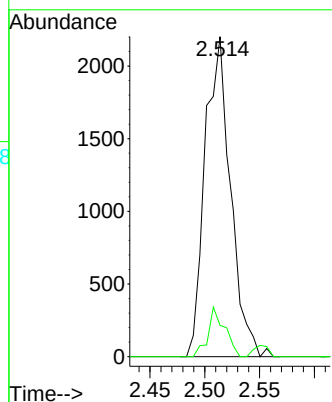
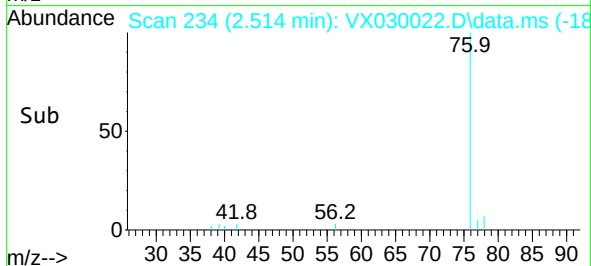
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



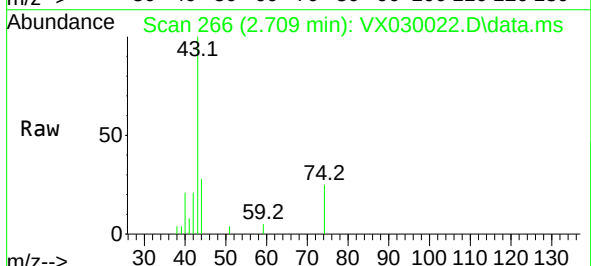
Tgt Ion: 76 Resp: 356
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.6

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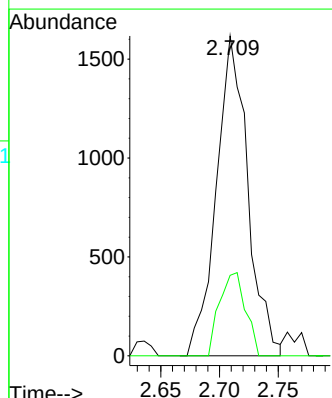
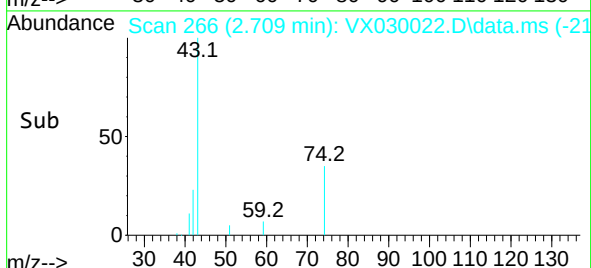
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

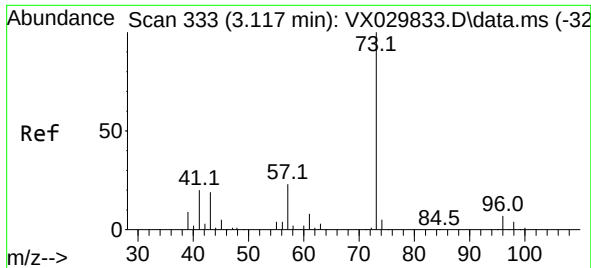


#18
Methyl Acetate
Concen: 0.845 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17



Tgt Ion: 43 Resp: 3011
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.2





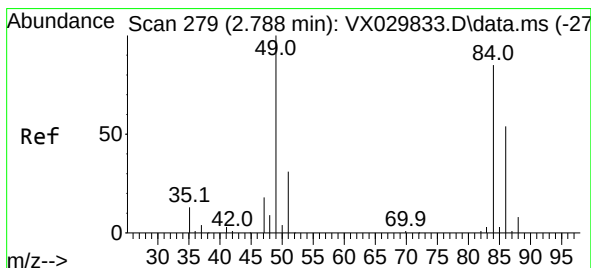
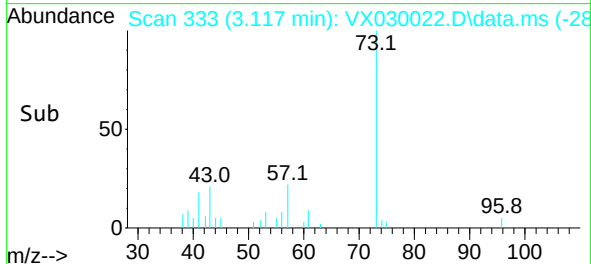
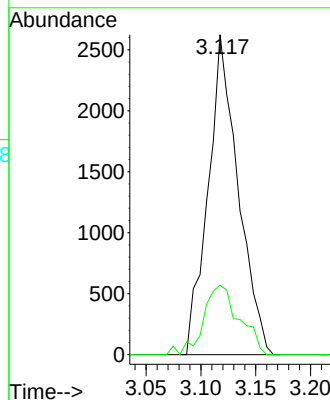
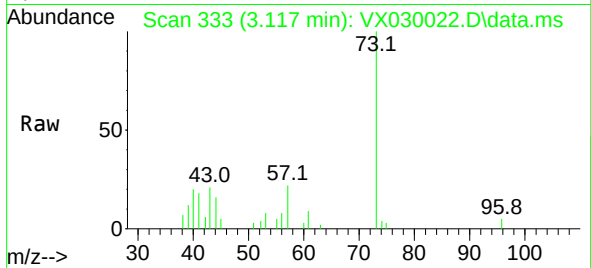
#19
Methyl tert-butyl Ether
Concen: 0.763 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 73 Resp: 5019
Ion Ratio Lower Upper
73 100
57 21.7 19.0 28.6

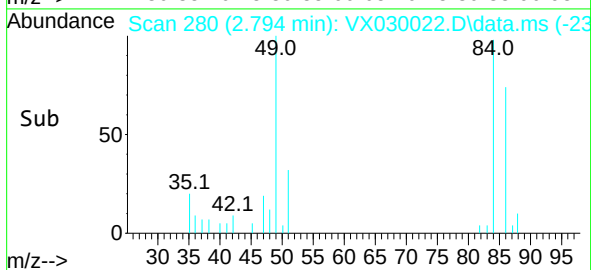
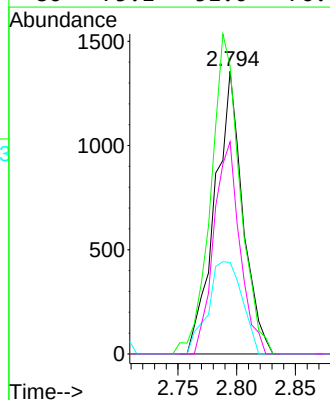
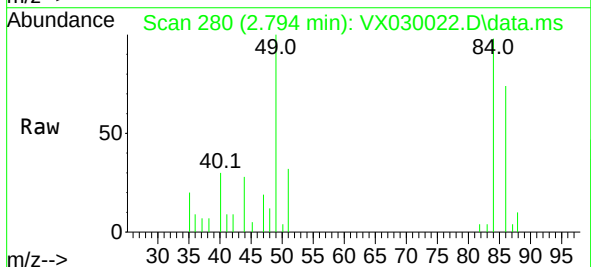
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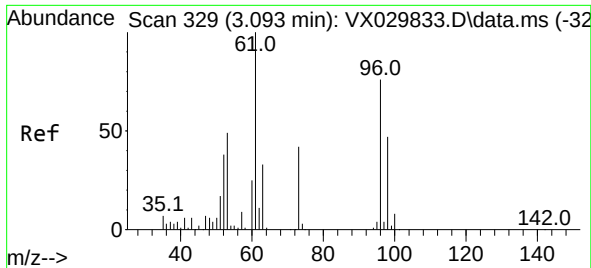
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 0.826 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

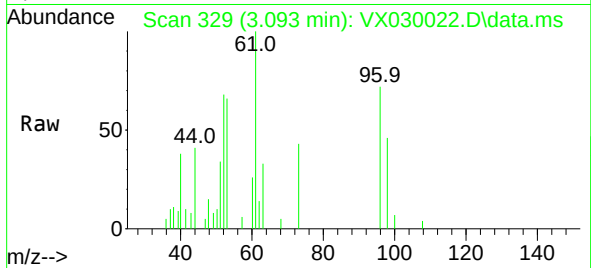
Tgt Ion: 84 Resp: 2238
Ion Ratio Lower Upper
84 100
49 101.8 93.8 140.6
51 32.4 29.4 44.0
86 75.1 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 0.702 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

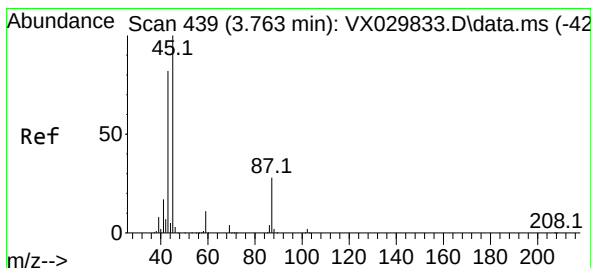
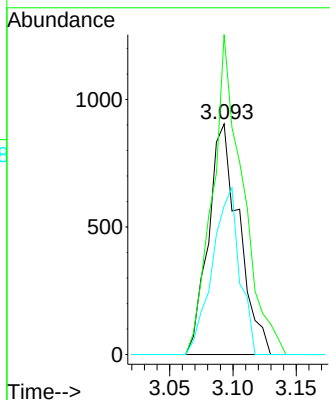
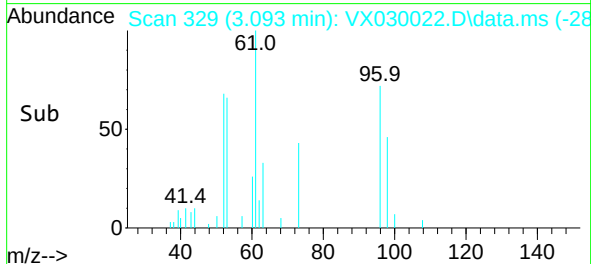
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



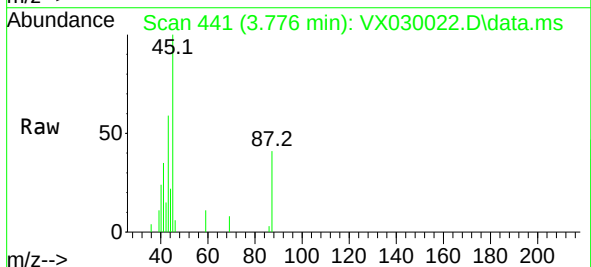
Tgt Ion: 96 Resp: 152
Ion Ratio Lower Upper
96 100
61 138.7 105.6 158.4
98 64.5 50.1 75.1

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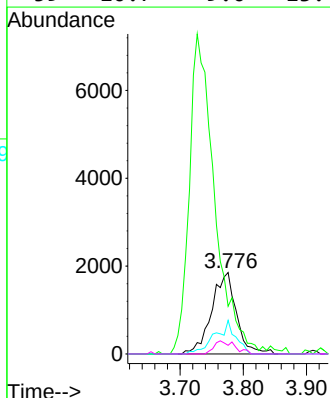
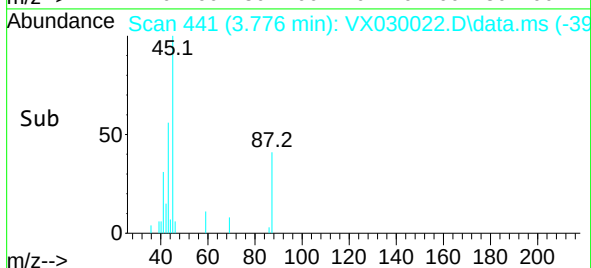
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

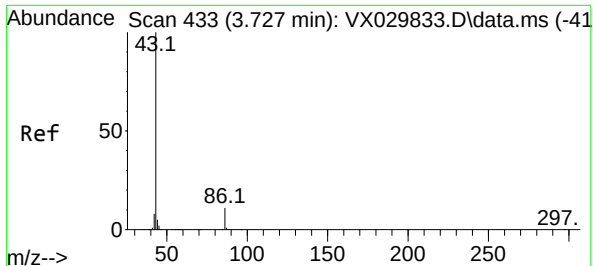


#22
Diisopropyl ether
Concen: 0.710 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.013 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17



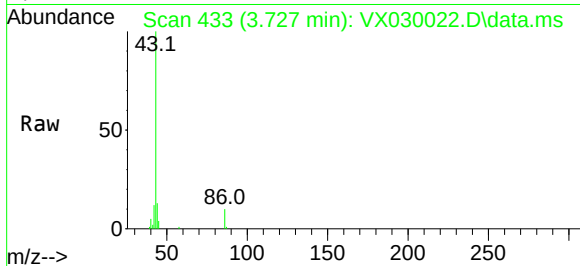
Tgt Ion: 45 Resp: 5052
Ion Ratio Lower Upper
45 100
43 54.2 65.4 98.0#
87 41.2 22.3 33.5#
59 10.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 3.366 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030022.D
 Acq: 12 Jul 2022 16:17

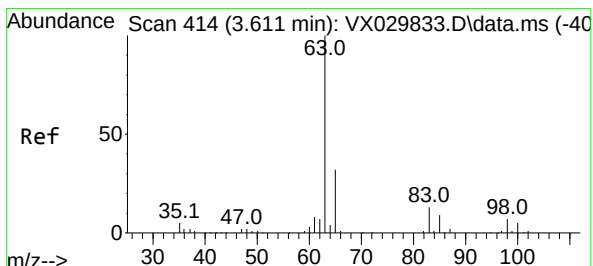
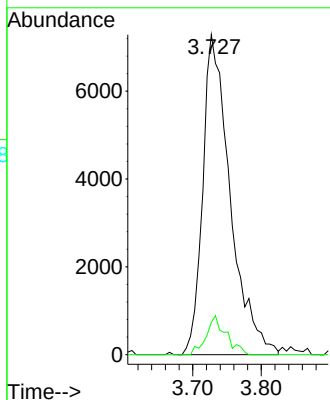
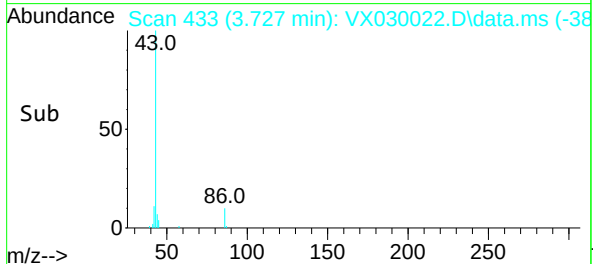
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



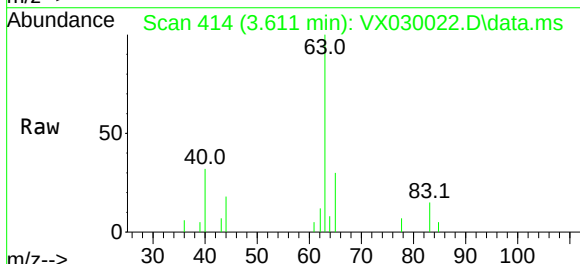
Tgt Ion: 43 Resp: 20278
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

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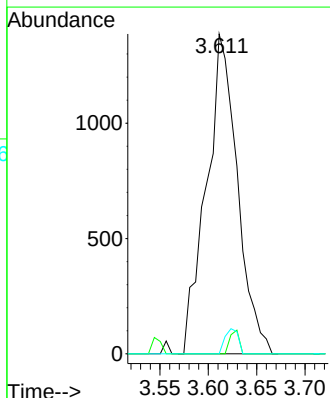
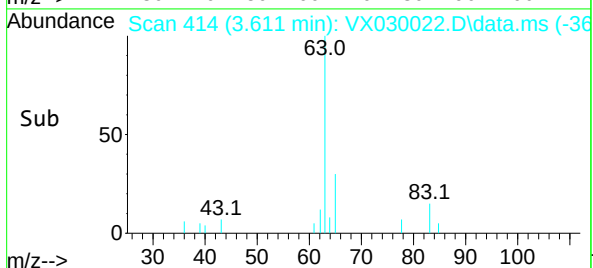
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

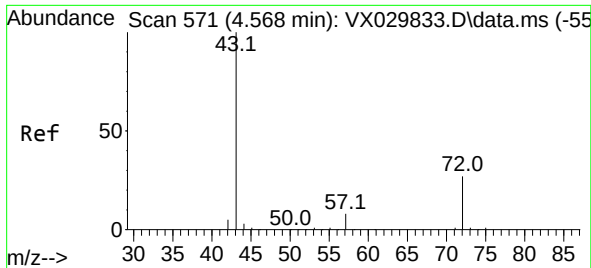


#24
 1,1-Dichloroethane
 Concen: 0.785 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030022.D
 Acq: 12 Jul 2022 16:17



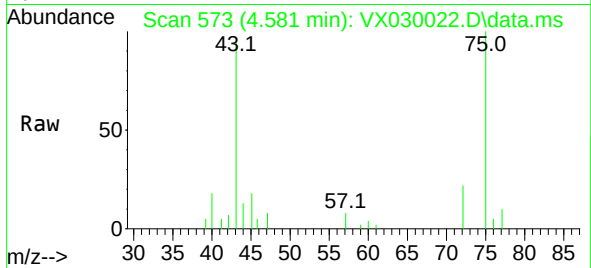
Tgt Ion: 63 Resp: 3094
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.5#
 100 0.0 2.3 6.9#





#25
2-Butanone
Concen: 3.797 ug/l
RT: 4.581 min Scan# 571
Delta R.T. 0.013 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

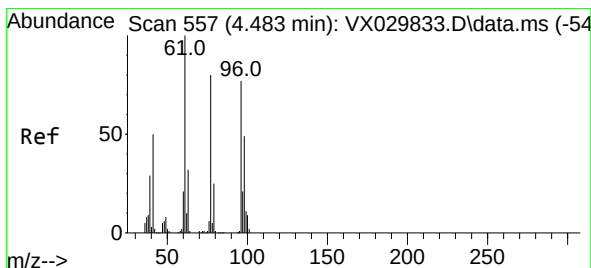
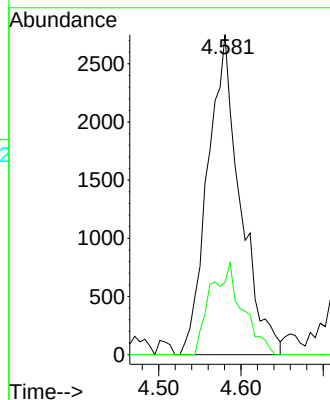
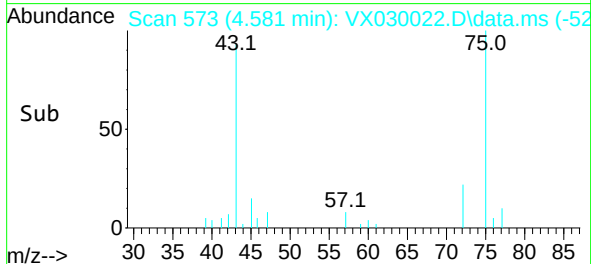
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
72 22.6 21.7 32.5

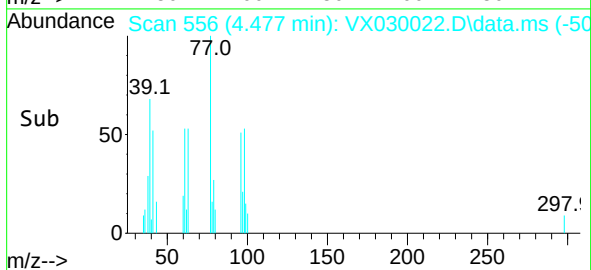
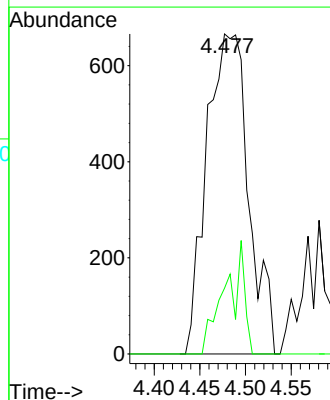
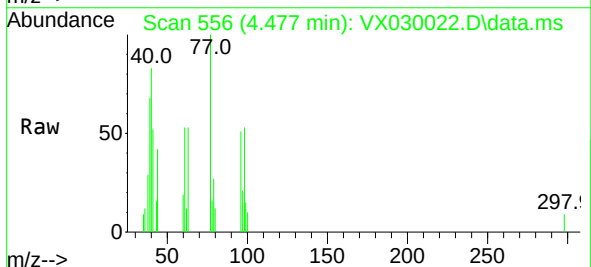
Manual Integrations
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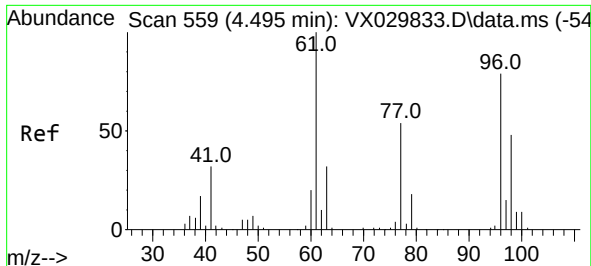
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#26
2,2-Dichloropropane
Concen: 0.769 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion: 77 Resp: 2130
Ion Ratio Lower Upper
77 100
97 10.8 13.0 39.0#





#27

cis-1,2-Dichloroethene

Concen: 0.734 ug/l

RT: 4.507 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX030022.D

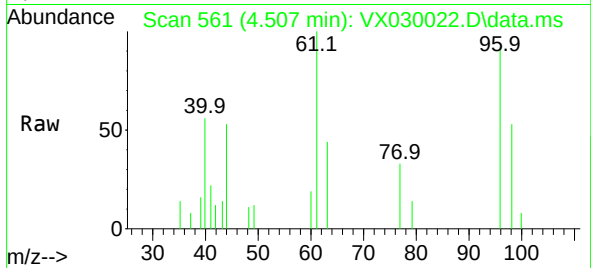
Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



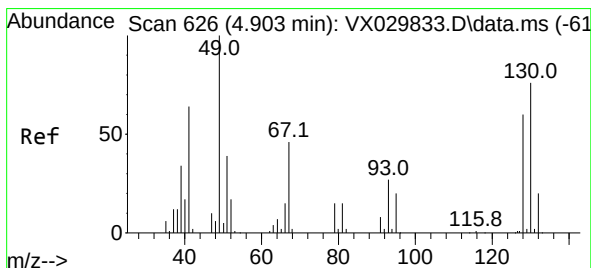
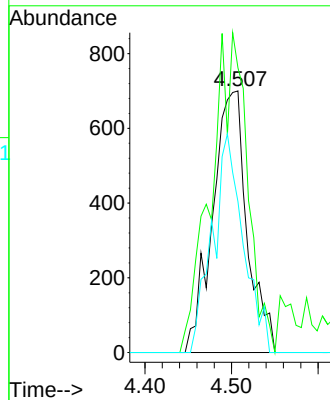
Tgt Ion: 96	Resp: 1949
Ion Ratio	Lower Upper
96	100
61	66.4 0.0 270.0
98	74.2 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#28

Bromochloromethane

Concen: 0.743 ug/l

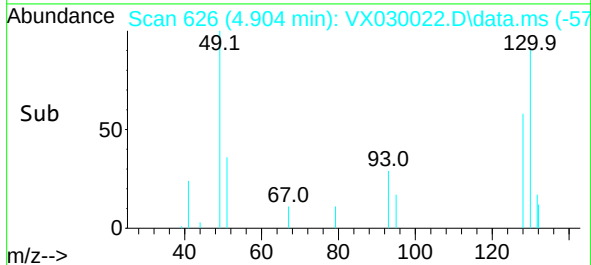
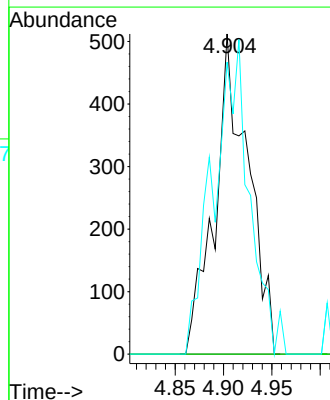
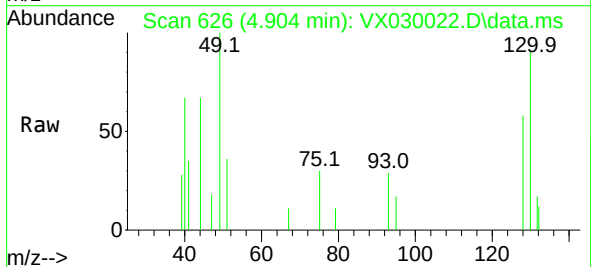
RT: 4.904 min Scan# 626

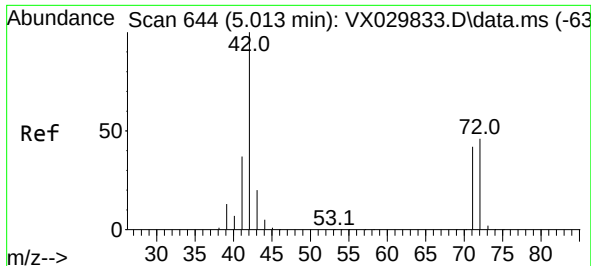
Delta R.T. 0.001 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Tgt Ion: 49	Resp: 1233
Ion Ratio	Lower Upper
49	100
129	0.0 0.0 4.4
130	106.2 62.8 94.2#





#29

Tetrahydrofuran

Concen: 3.882 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030022.D

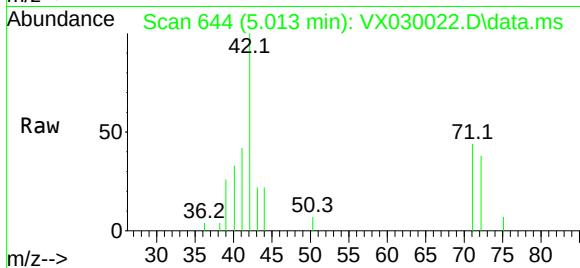
Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



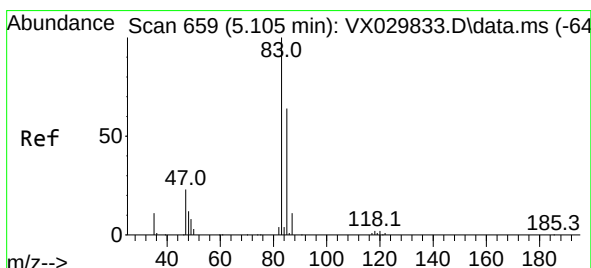
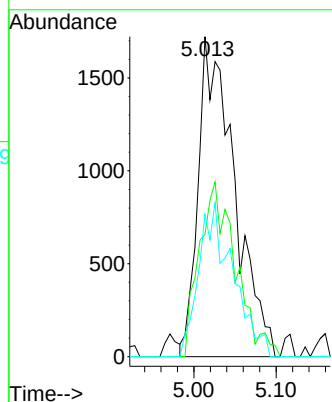
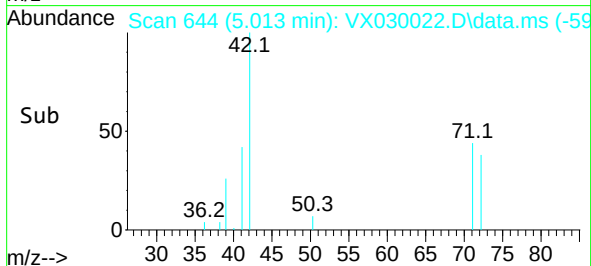
Tgt Ion:	42	Resp:	525
Ion	Ratio	Lower	Upper
42	100		
72	54.7	36.5	54.7
71	45.4	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 0.758 ug/l m

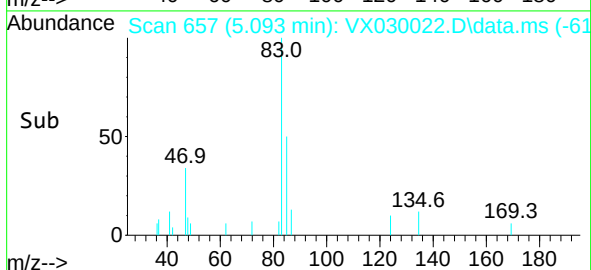
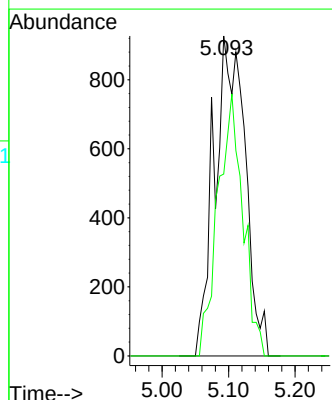
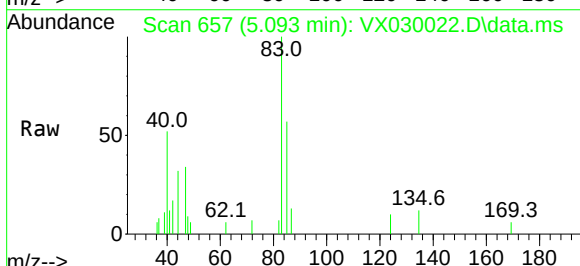
RT: 5.093 min Scan# 657

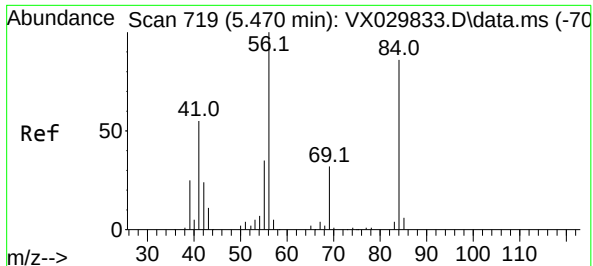
Delta R.T. -0.012 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

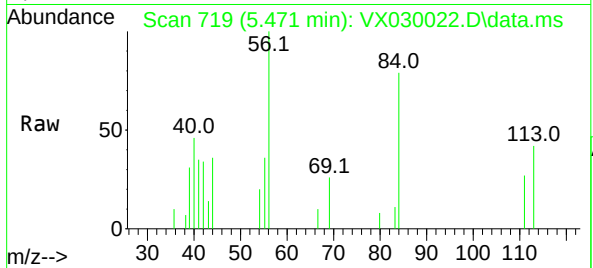
Tgt Ion:	83	Resp:	2979
Ion	Ratio	Lower	Upper
83	100		
85	56.9	51.5	77.3





#31
Cyclohexane
Concen: 0.673 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

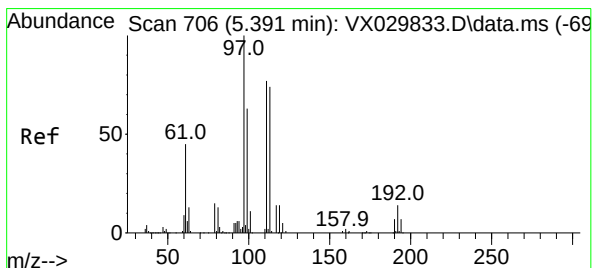
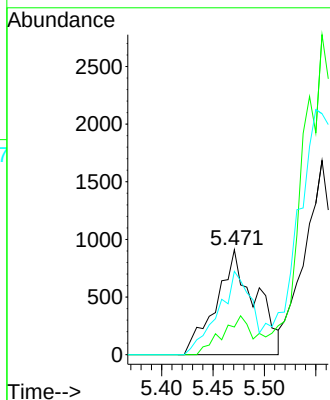
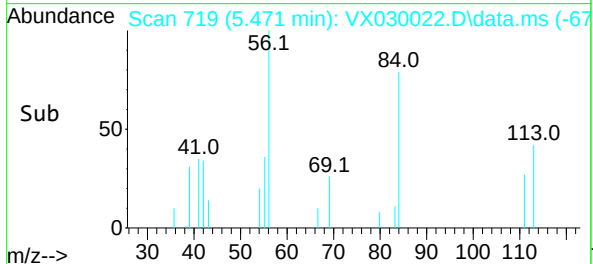
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



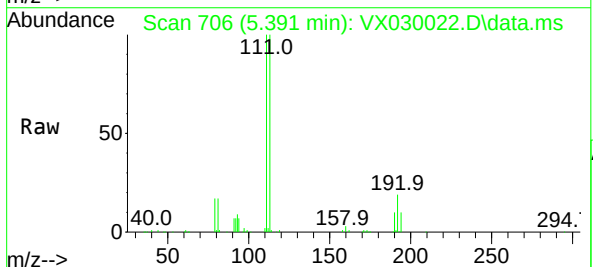
Tgt Ion: 56 Resp: 2429
Ion Ratio Lower Upper
56 100
69 26.3 25.4 38.0
84 79.5 68.9 103.3

Manual Integrations
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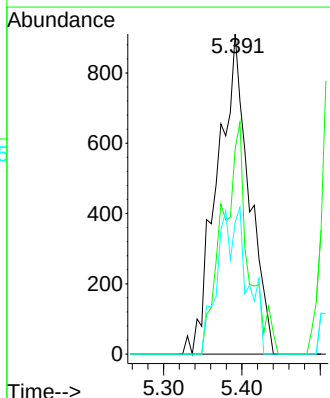
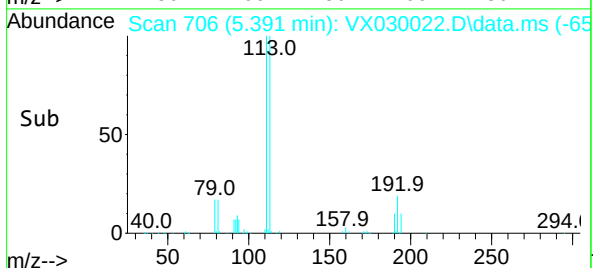
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

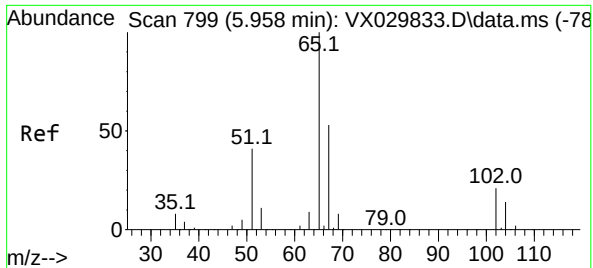


#32
1,1,1-Trichloroethane
Concen: 0.800 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17



Tgt Ion: 97 Resp: 2568
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 20.9 35.8 53.8#





#33

1,2-Dichloroethane-d4

Concen: 51.182 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 65 Resp: 127199

Ion Ratio Lower Upper

65 100

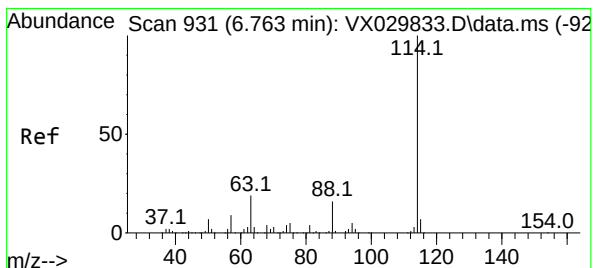
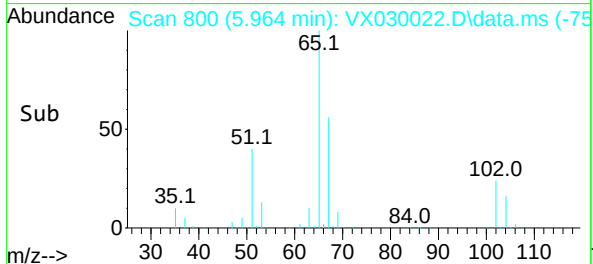
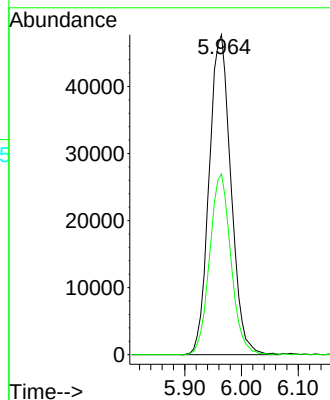
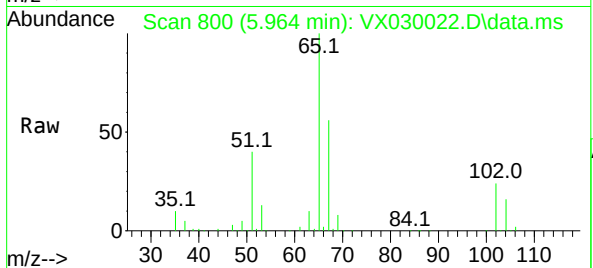
67 55.1 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

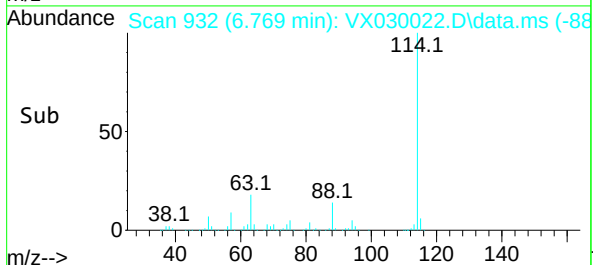
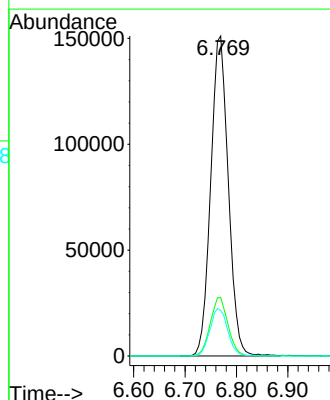
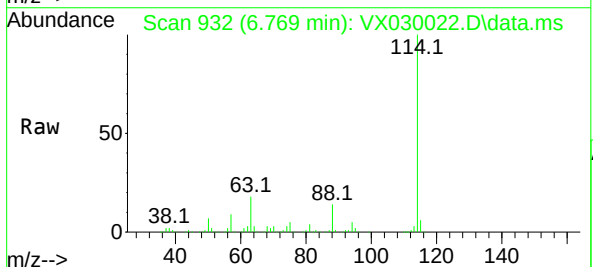
Tgt Ion:114 Resp: 358395

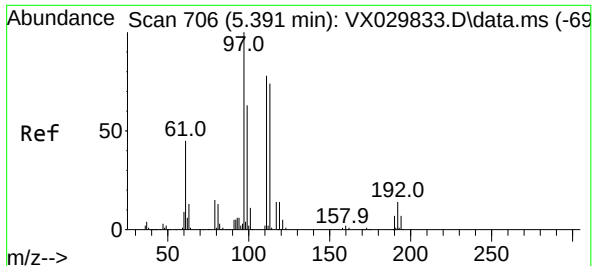
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.286 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

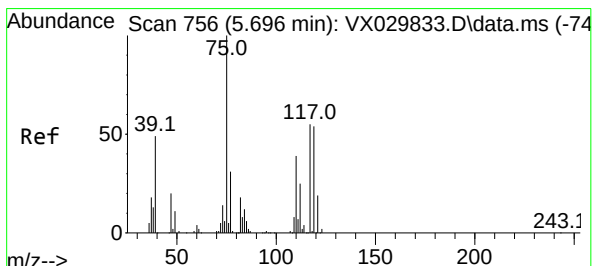
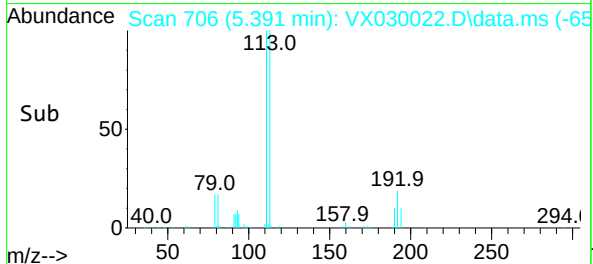
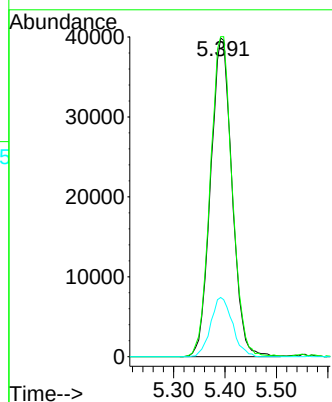
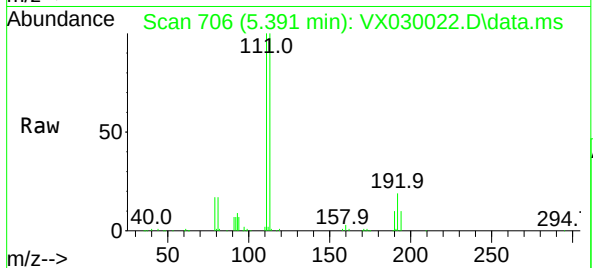
Tgt Ion:	113	Resp:	11513
Ion Ratio	Lower	Upper	
113	100		
111	102.9	83.2	124.8
192	18.9	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#36

1,1-Dichloropropene

Concen: 0.808 ug/l

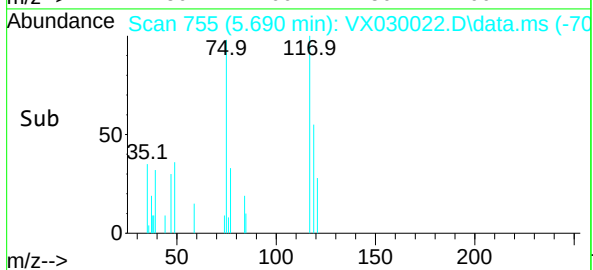
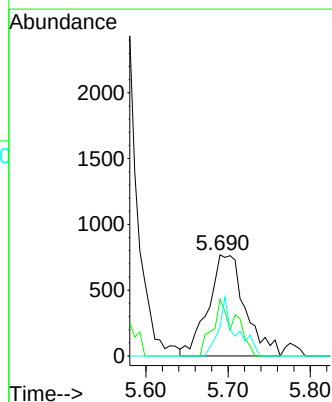
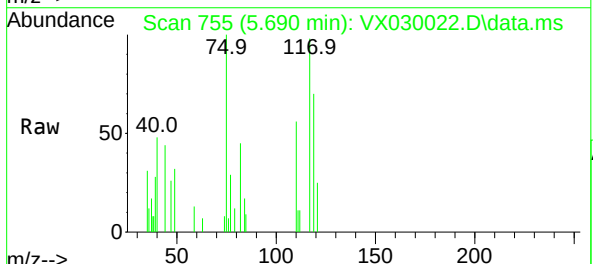
RT: 5.690 min Scan# 755

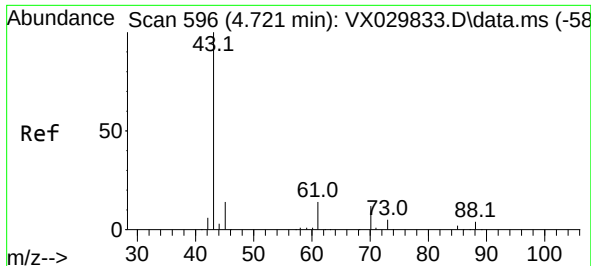
Delta R.T. -0.006 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Tgt Ion:	75	Resp:	2390
Ion Ratio	Lower	Upper	
75	100		
110	23.3	19.3	57.9
77	26.8	24.4	36.6





#37

Ethyl Acetate

Concen: 0.710 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.012 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

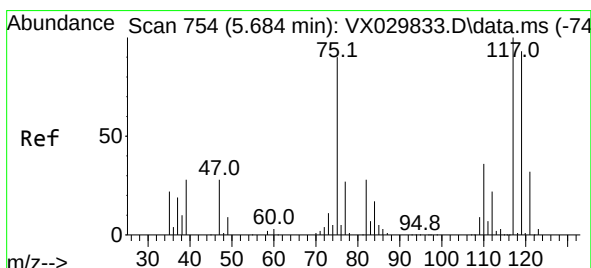
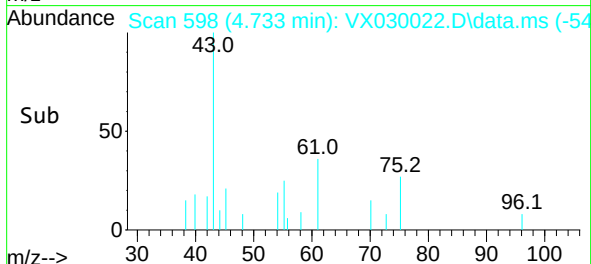
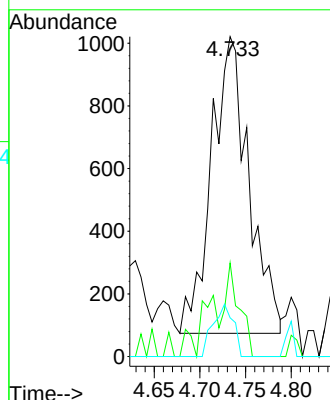
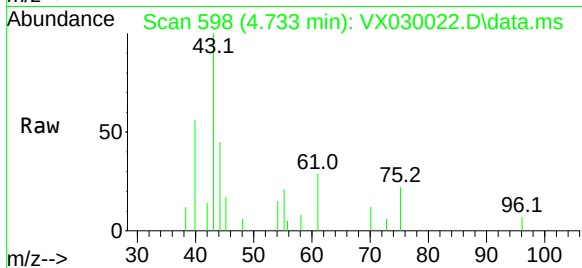
Tgt Ion: 43	Resp: 2698
Ion Ratio	Lower Upper
43 100	
61 12.0	11.7 17.5
70 9.7	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#38

Carbon Tetrachloride

Concen: 0.748 ug/l

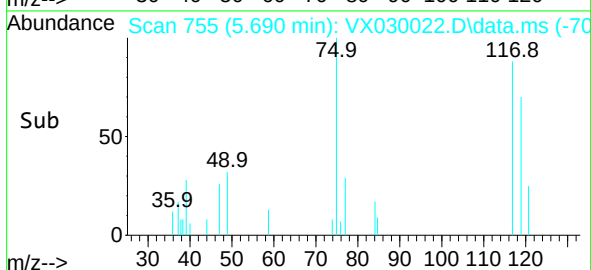
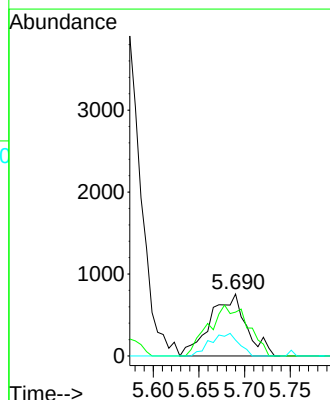
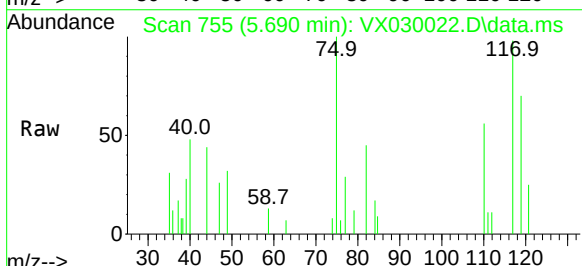
RT: 5.690 min Scan# 755

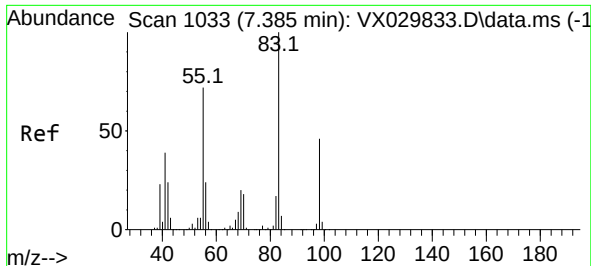
Delta R.T. 0.006 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

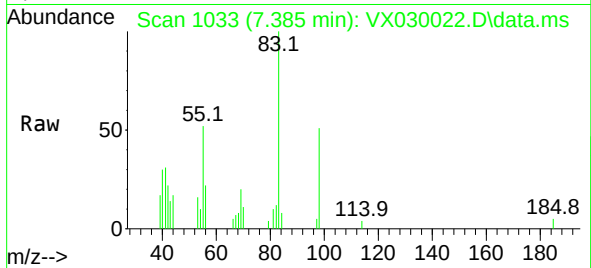
Tgt Ion: 117	Resp: 2064
Ion Ratio	Lower Upper
117 100	
119 70.9	74.1 111.1#
121 25.7	25.8 38.8#





#39
Methylcyclohexane
Concen: 0.722 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

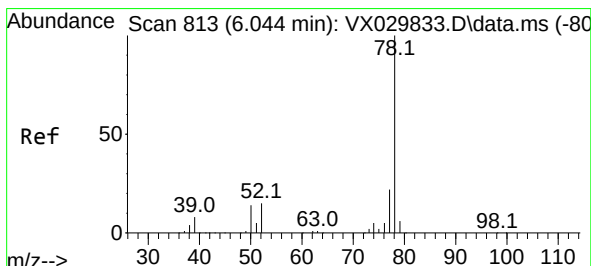
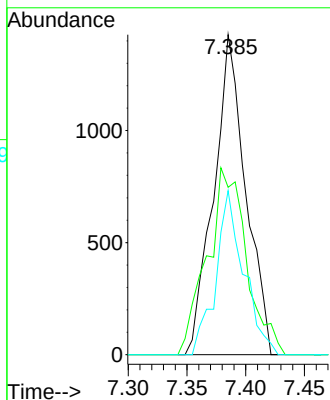
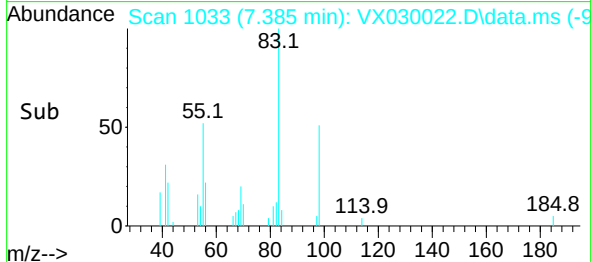
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 83 Resp: 2709
Ion Ratio Lower Upper
83 100
55 52.3 57.7 86.5
98 51.3 36.5 54.7

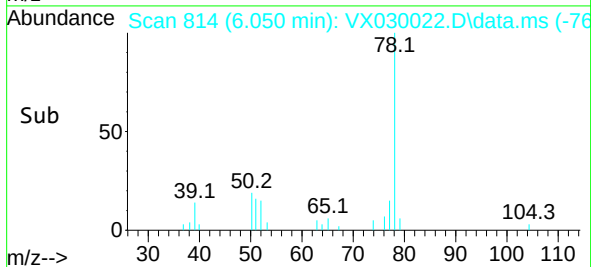
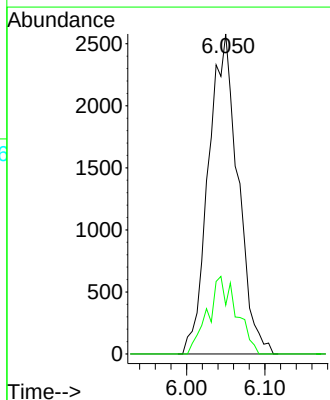
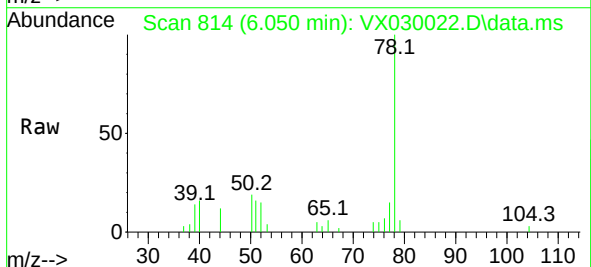
Manual Integrations
APPROVED

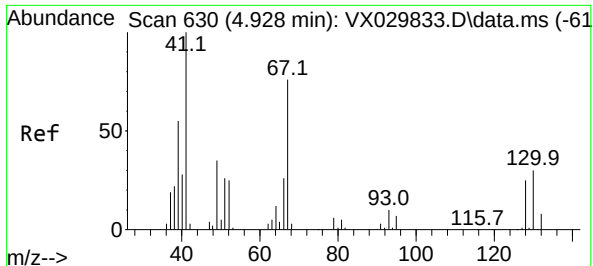
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#40
Benzene
Concen: 0.727 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

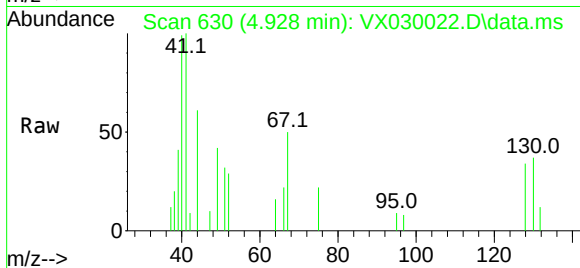
Tgt Ion: 78 Resp: 6771
Ion Ratio Lower Upper
78 100
77 15.3 18.0 27.0#





#41
Methacrylonitrile
Concen: 0.851 ug/l m
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

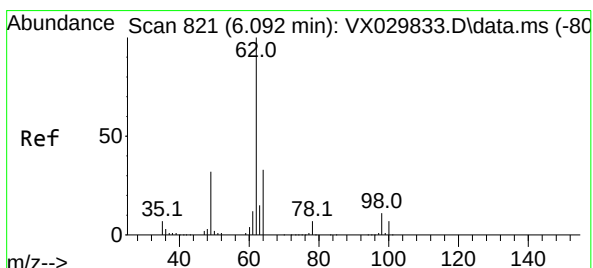
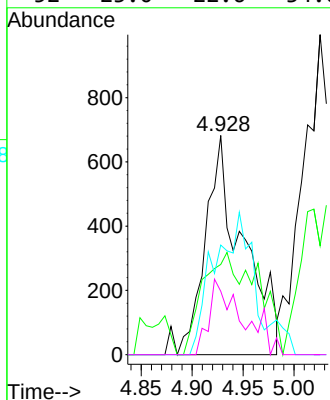
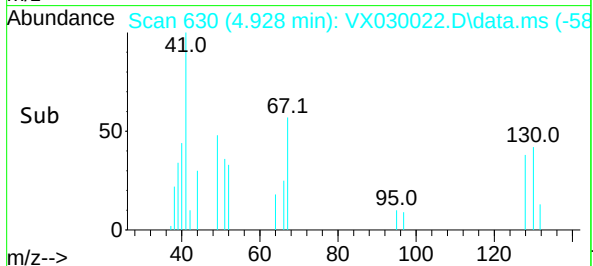
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



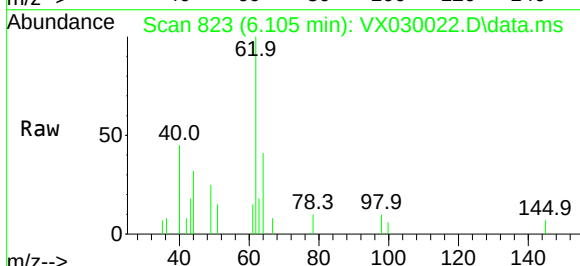
Tgt Ion: 41 Resp: 174
Ion Ratio Lower Upper
41 100
39 42.7 42.9 64.3
67 0.0 60.1 90.1
52 23.0 22.6 34.0

Manual Integrations
APPROVED

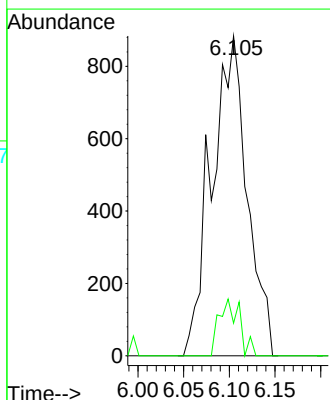
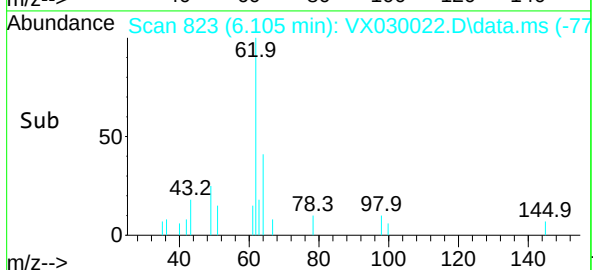
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

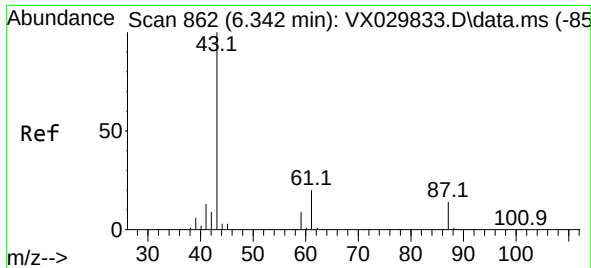


#42
1,2-Dichloroethane
Concen: 0.829 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.013 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17



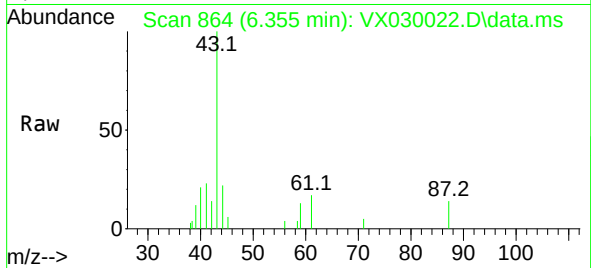
Tgt Ion: 62 Resp: 2392
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2





#43
Isopropyl Acetate
Concen: 0.792 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.013 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

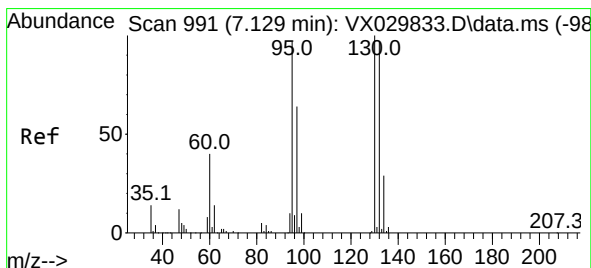
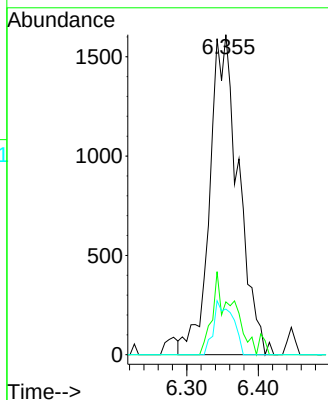
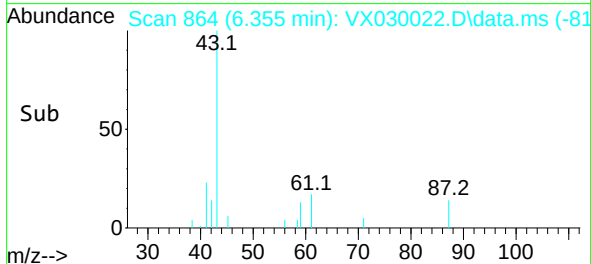
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 4520
Ion Ratio Lower Upper
43 100
61 12.2 16.5 24.7
87 11.1 11.1 16.7

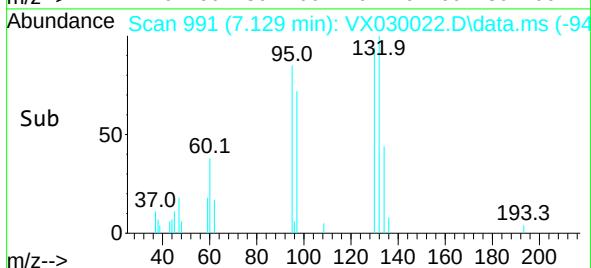
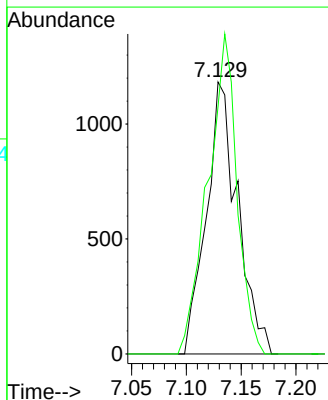
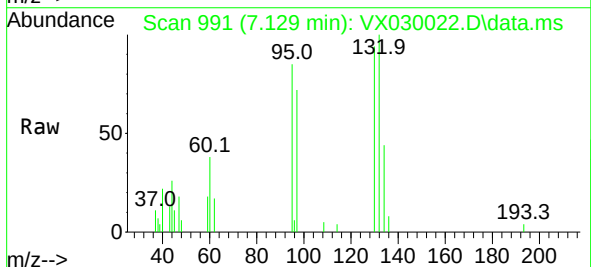
Manual Integrations
APPROVED

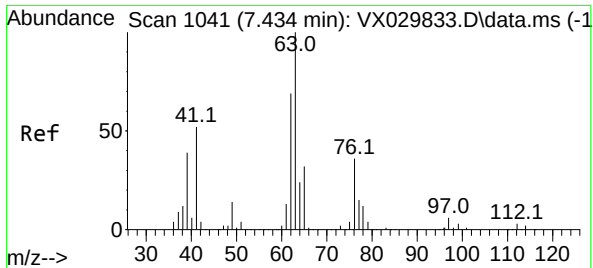
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#44
Trichloroethene
Concen: 0.865 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

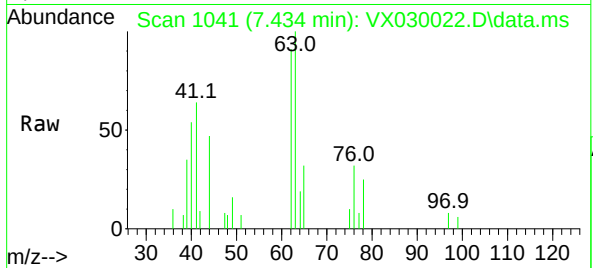
Tgt Ion:130 Resp: 2352
Ion Ratio Lower Upper
130 100
95 91.0 0.0 194.8





#45
1,2-Dichloropropane
Concen: 0.761 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

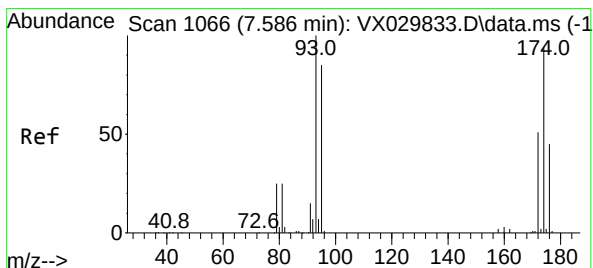
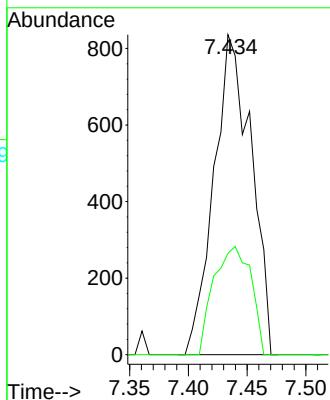
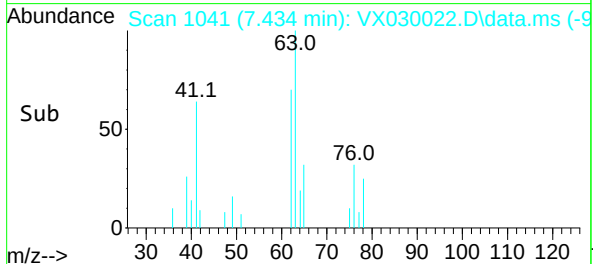
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



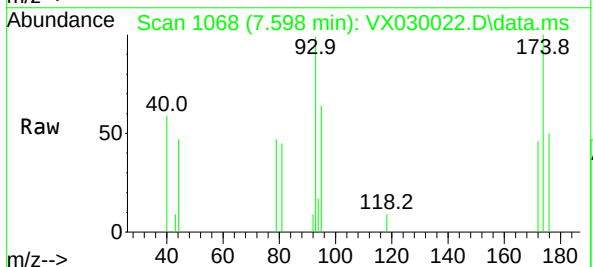
Tgt Ion: 63 Resp: 184
Ion Ratio Lower Upper
63 100
65 31.7 25.2 37.8

Manual Integrations
APPROVED

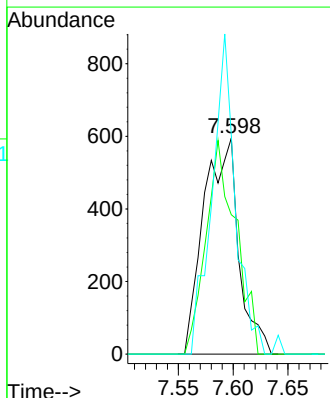
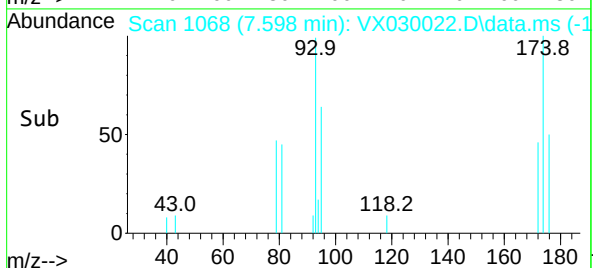
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

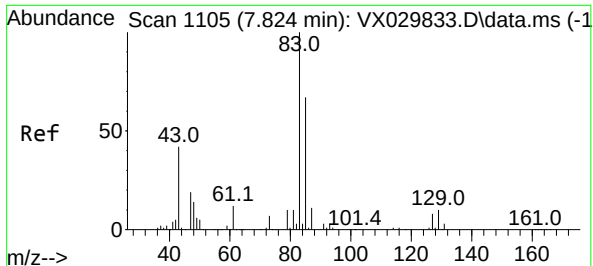


#46
Dibromomethane
Concen: 0.791 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.012 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17



Tgt Ion: 93 Resp: 1318
Ion Ratio Lower Upper
93 100
95 84.6 67.4 101.0
174 99.9 75.6 113.4





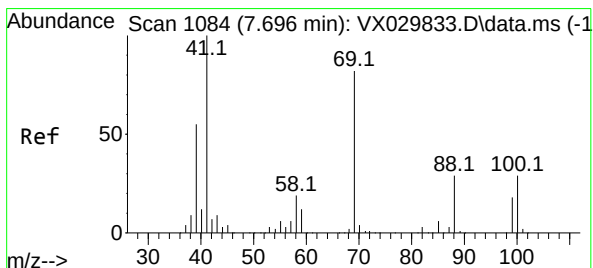
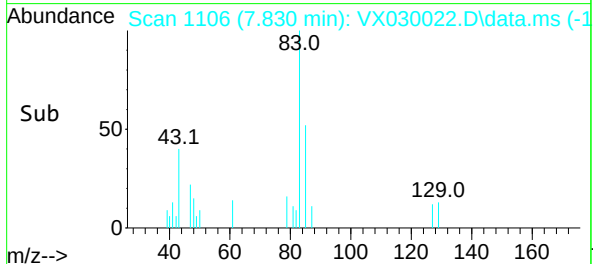
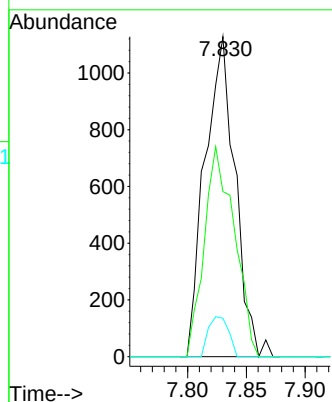
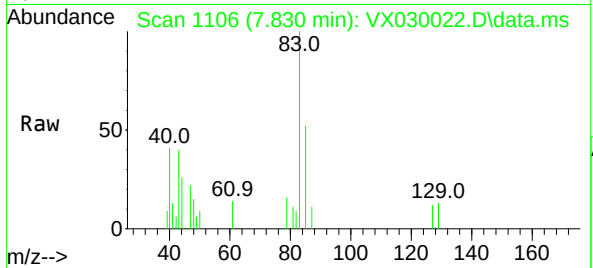
#47
Bromodichloromethane
Concen: 0.666 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 83 Resp: 201
Ion Ratio Lower Upper
83 100
85 51.6 53.5 80.3
127 12.0 6.6 10.0

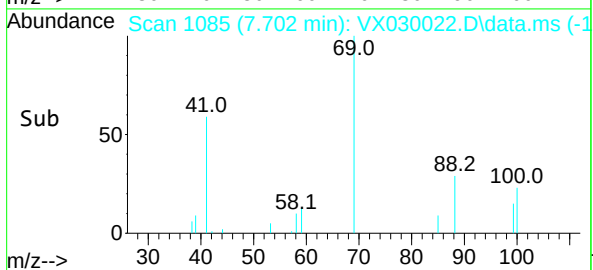
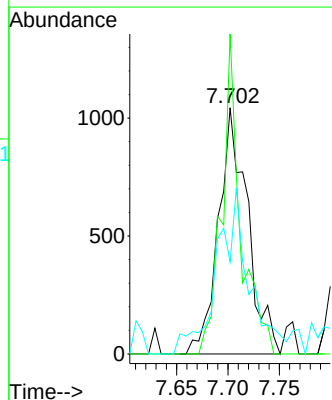
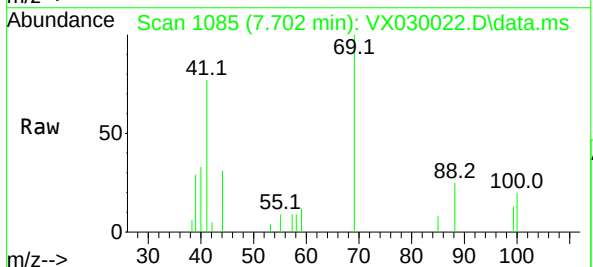
Manual Integrations
APPROVED

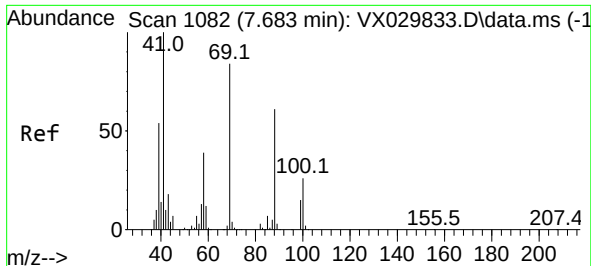
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#48
Methyl methacrylate
Concen: 0.779 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion: 41 Resp: 2053
Ion Ratio Lower Upper
41 100
69 83.8 68.8 103.2
39 36.5 44.6 66.8





#49

1,4-Dioxane

Concen: 17.153 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.001 min

Lab File: VX030022.D

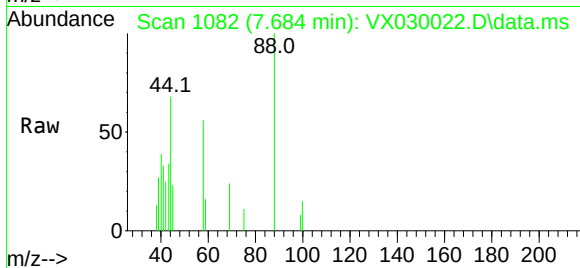
Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



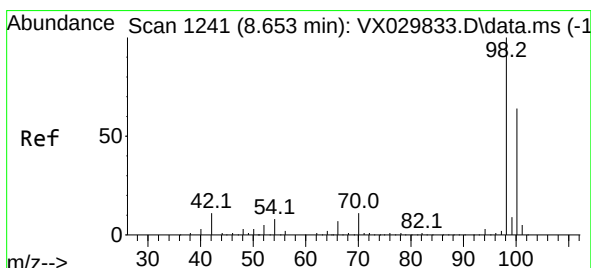
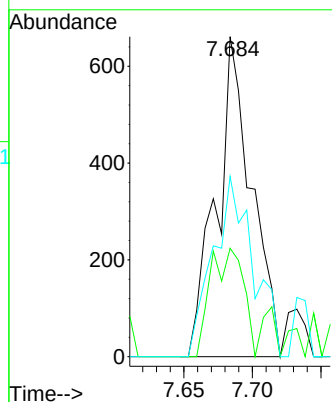
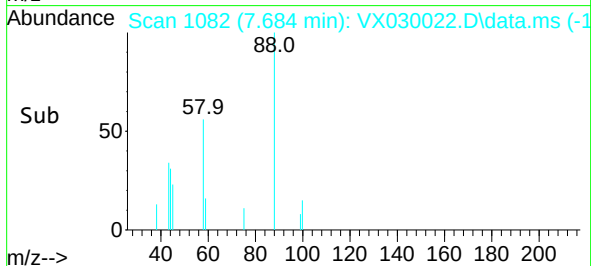
Tgt Ion: 88	Resp: 117
Ion Ratio	Lower Upper
88 100	
43 31.8	23.8 35.8
58 64.3	53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#50

Toluene-d8

Concen: 50.429 ug/l

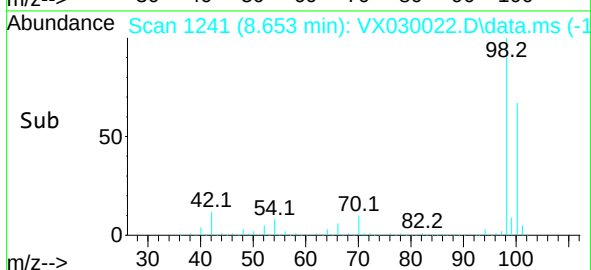
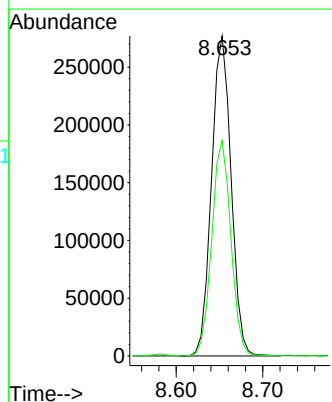
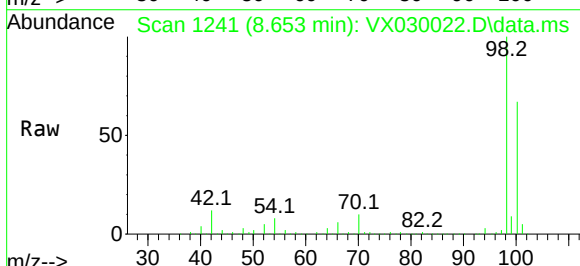
RT: 8.653 min Scan# 1241

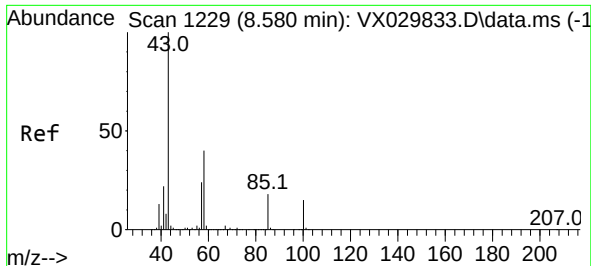
Delta R.T. 0.000 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

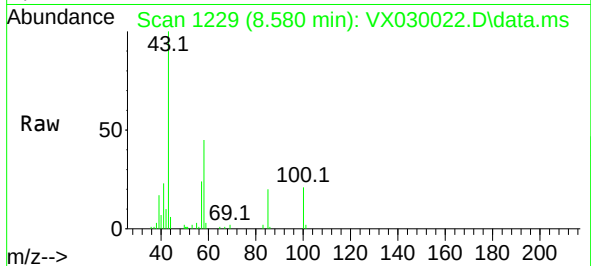
Tgt Ion: 98	Resp: 434243
Ion Ratio	Lower Upper
98 100	
100 65.8	52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 3.871 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

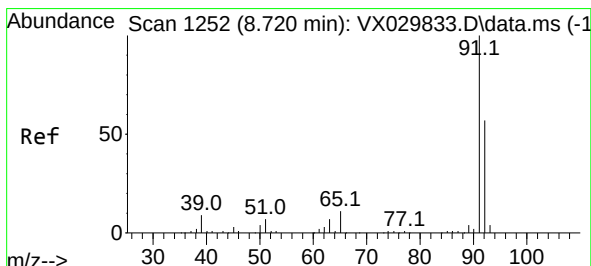
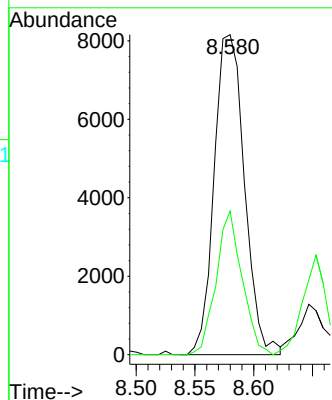
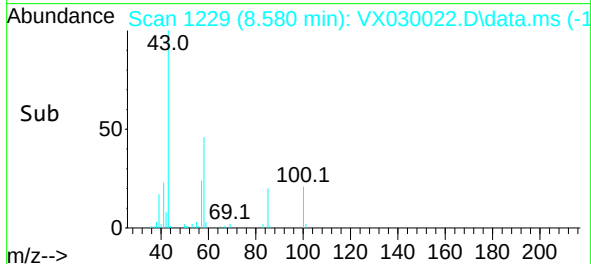
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



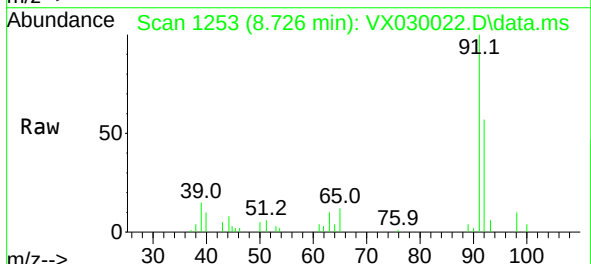
Tgt Ion: 43 Resp: 14630
Ion Ratio Lower Upper
43 100
58 38.4 31.4 47.2

Manual Integrations
APPROVED

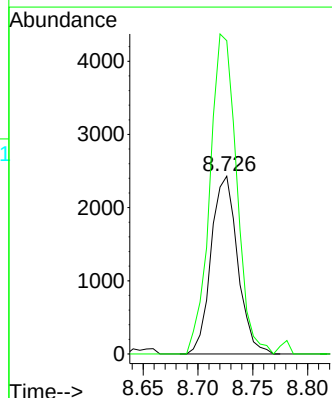
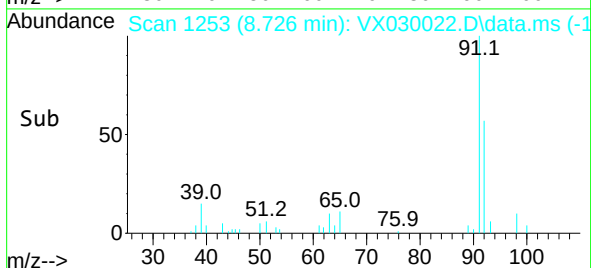
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

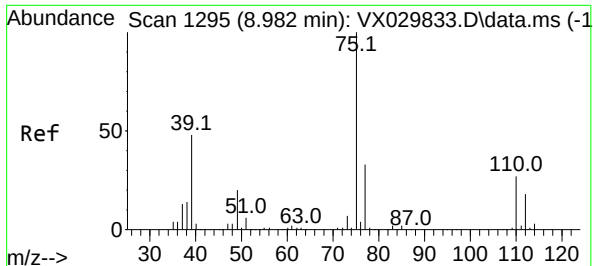


#52
Toluene
Concen: 0.692 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17



Tgt Ion: 92 Resp: 4089
Ion Ratio Lower Upper
92 100
91 181.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 0.719 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 75 Resp: 225

Ion Ratio Lower Upper

75 100

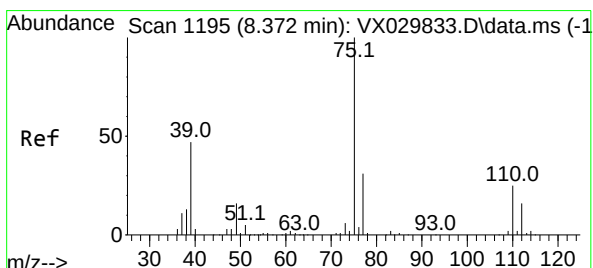
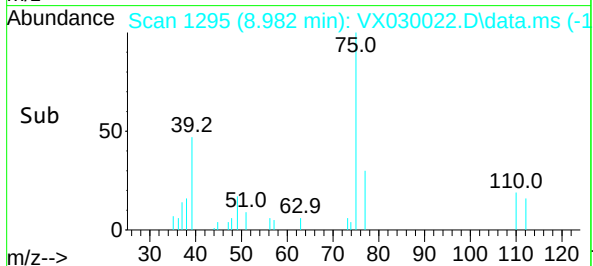
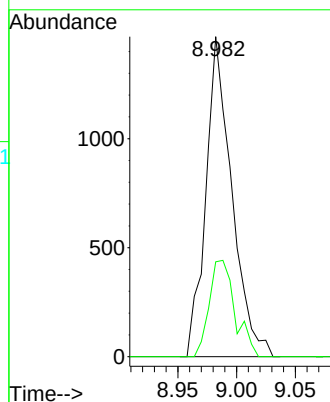
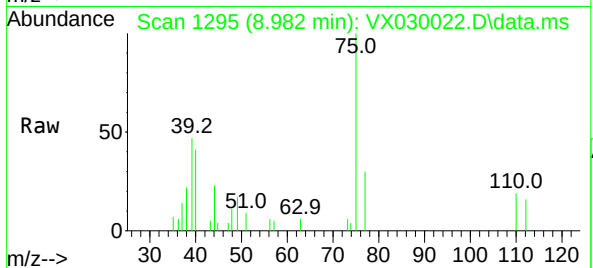
77 29.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#54

cis-1,3-Dichloropropene

Concen: 0.719 ug/l

RT: 8.379 min Scan# 1196

Delta R.T. 0.007 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

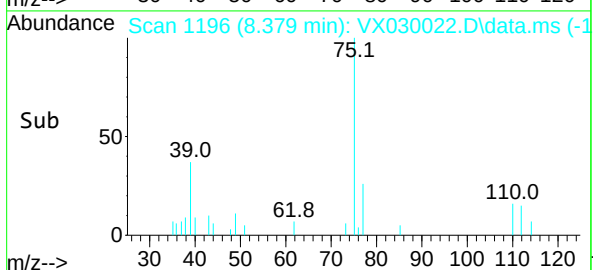
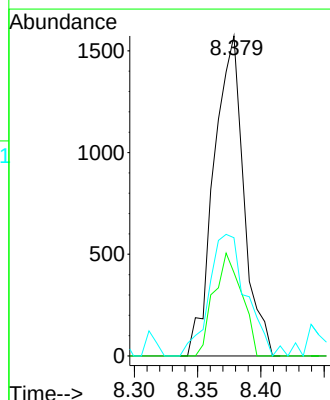
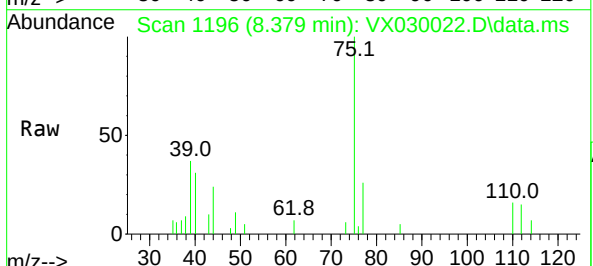
Tgt Ion: 75 Resp: 2584

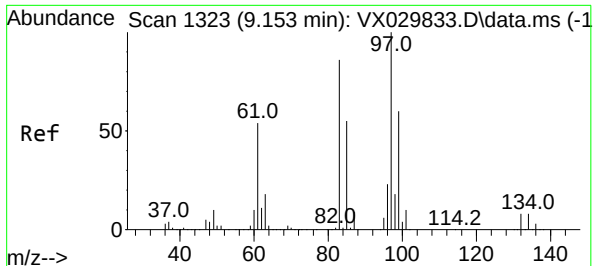
Ion Ratio Lower Upper

75 100

77 26.1 25.0 37.4

39 36.9 37.5 56.3#





#55

1,1,2-Trichloroethane

Concen: 0.803 ug/l

RT: 9.159 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

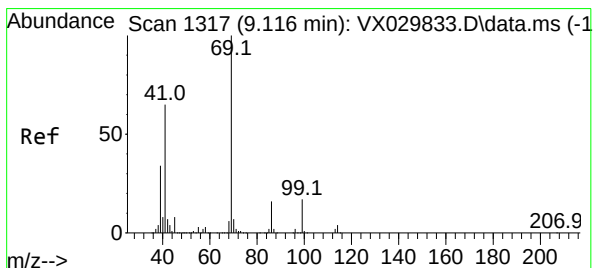
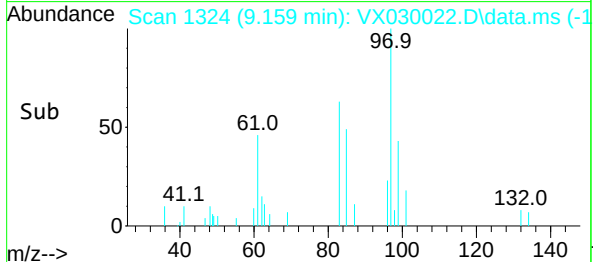
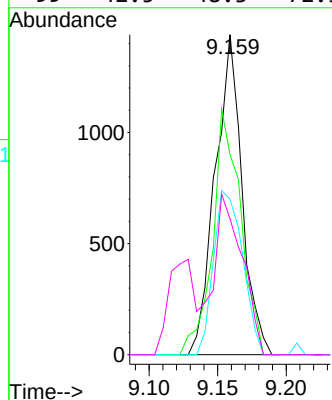
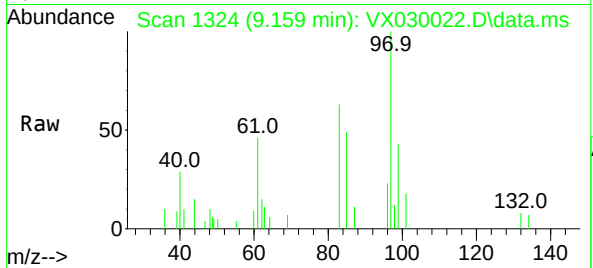
Tgt Ion: 97	Resp: 1958
Ion Ratio	Lower Upper
97 100	
83 62.6	68.9 103.3
85 48.6	44.0 66.0
99 42.5	48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#56

Ethyl methacrylate

Concen: 0.708 ug/l

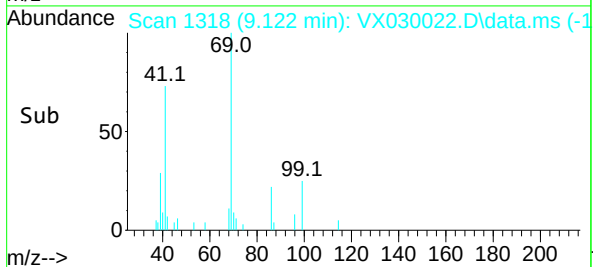
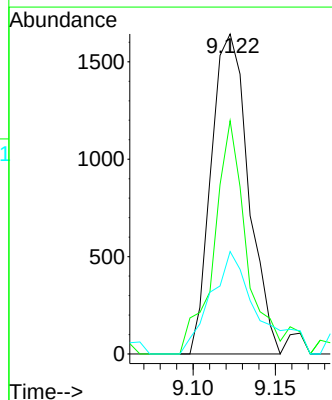
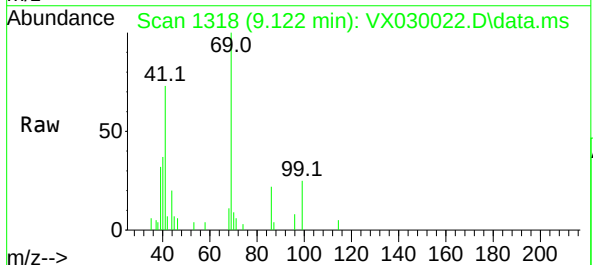
RT: 9.122 min Scan# 1318

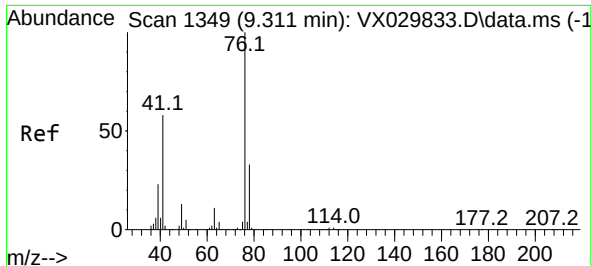
Delta R.T. 0.006 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

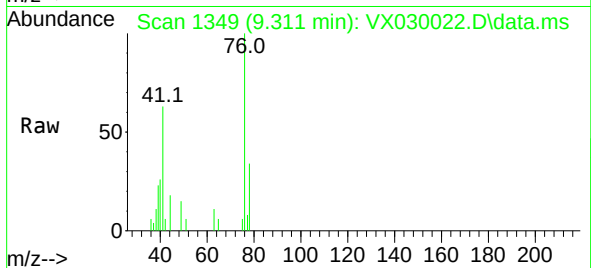
Tgt Ion: 69	Resp: 2593
Ion Ratio	Lower Upper
69 100	
41 66.3	52.3 78.5
39 39.8	28.2 42.4





#57
1,3-Dichloropropane
Concen: 0.806 ug/l
RT: 9.311 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

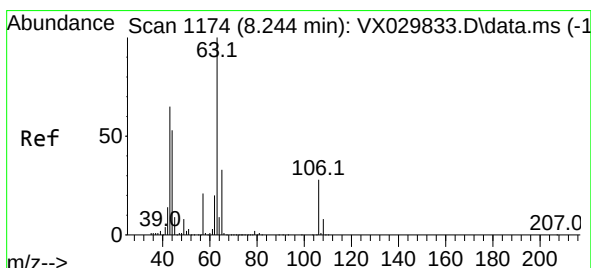
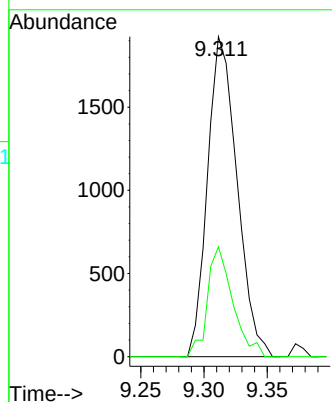
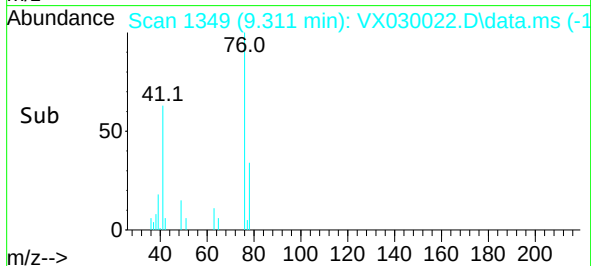
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



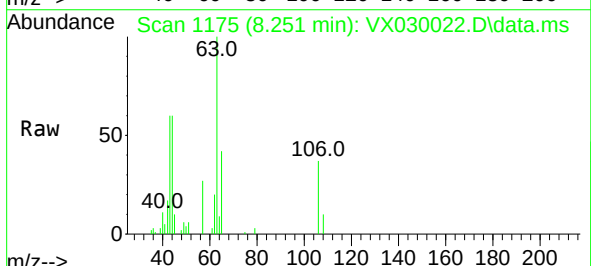
Tgt Ion: 76 Resp: 312
Ion Ratio Lower Upper
76 100
78 29.3 25.9 38.9

Manual Integrations
APPROVED

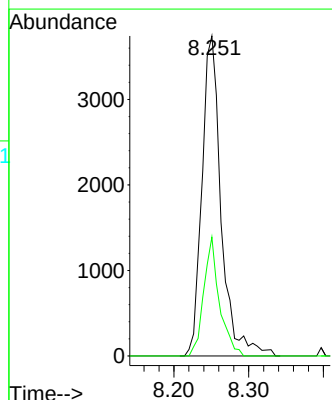
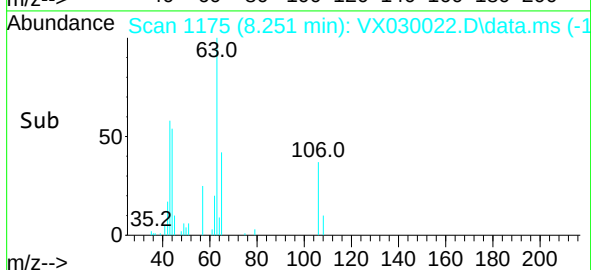
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

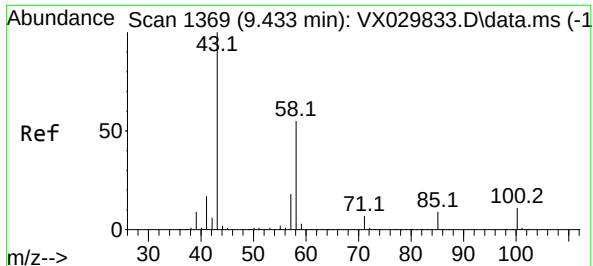


#58
2-Chloroethyl Vinyl ether
Concen: 3.359 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.007 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17



Tgt Ion: 63 Resp: 6684
Ion Ratio Lower Upper
63 100
106 30.3 22.2 33.2





#59

2-Hexanone

Concen: 3.390 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 43 Resp: 983

Ion Ratio Lower Upper

43 100

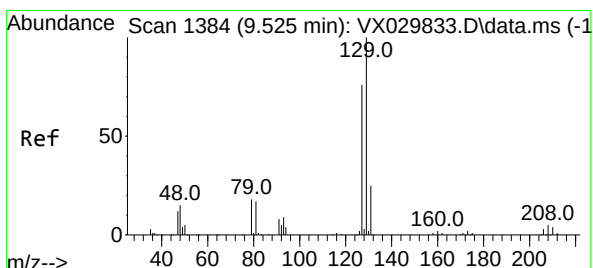
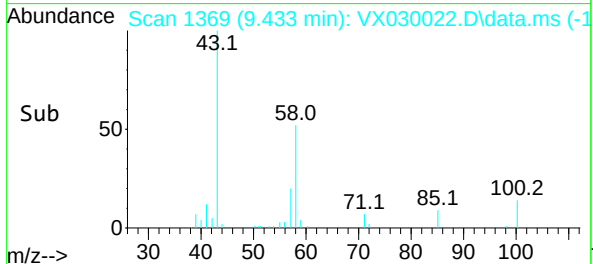
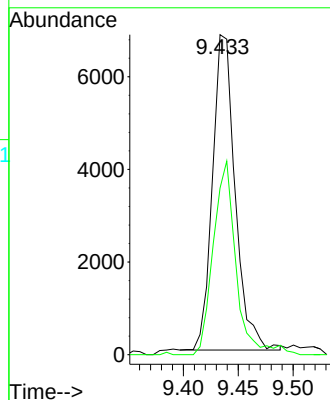
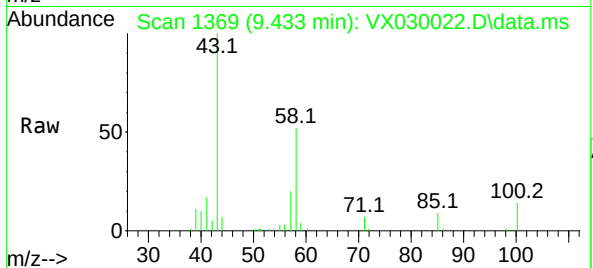
58 61.4 27.6 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#60

Dibromochloromethane

Concen: 0.776 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030022.D

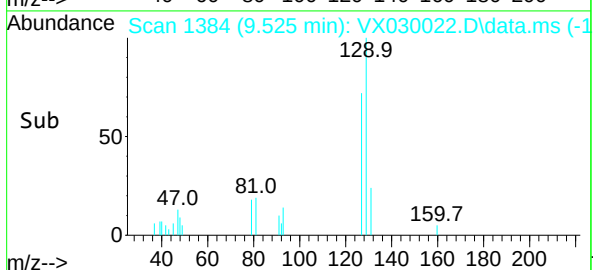
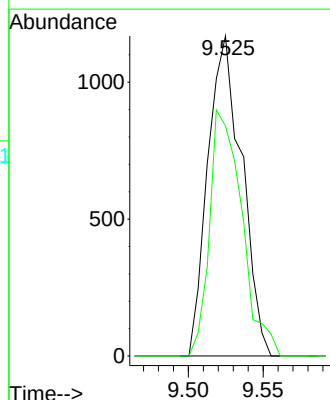
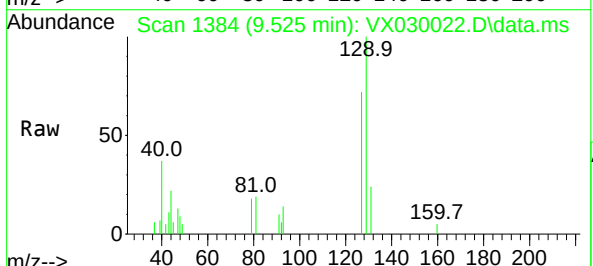
Acq: 12 Jul 2022 16:17

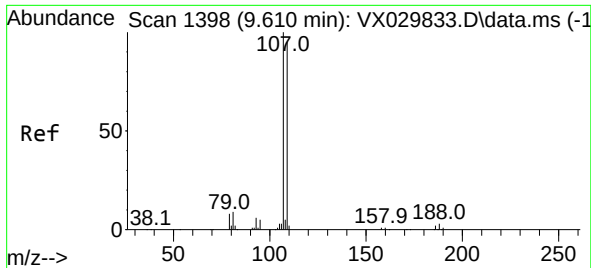
Tgt Ion:129 Resp: 1842

Ion Ratio Lower Upper

129 100

127 73.1 38.5 115.5





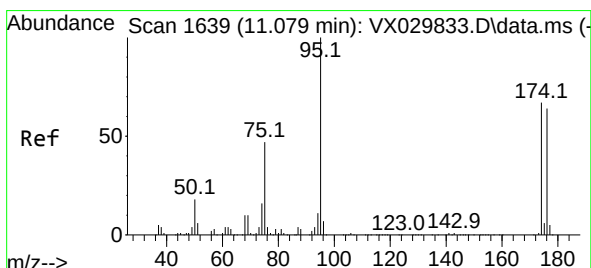
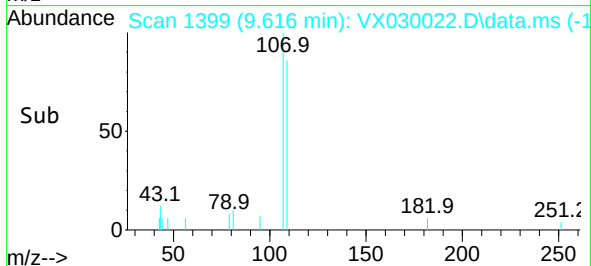
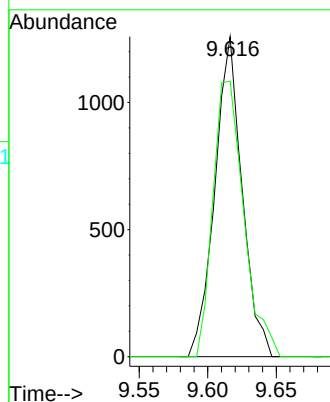
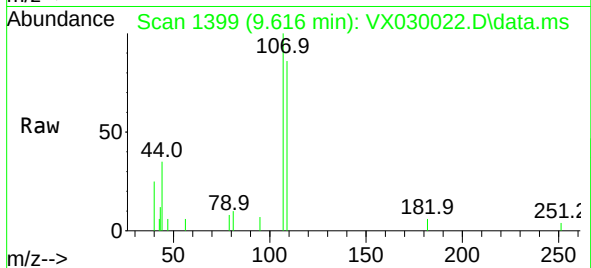
#61
1,2-Dibromoethane
Concen: 0.687 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:107 Resp: 174
Ion Ratio Lower Upper
107 100
109 97.2 76.6 114.8

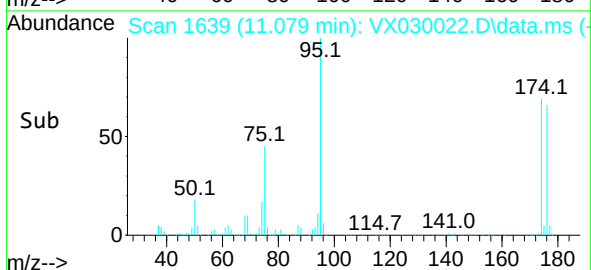
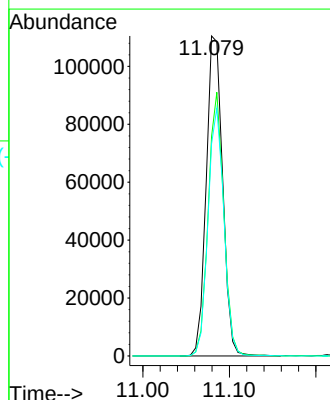
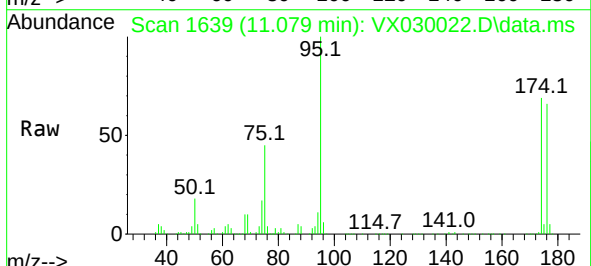
Manual Integrations
APPROVED

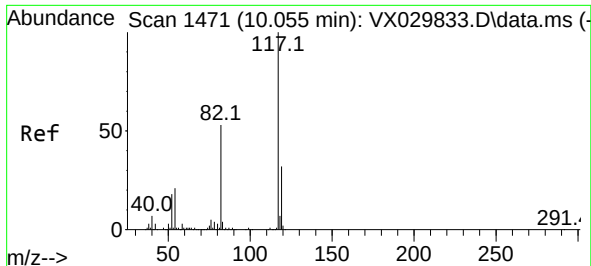
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#62
4-Bromofluorobenzene
Concen: 48.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

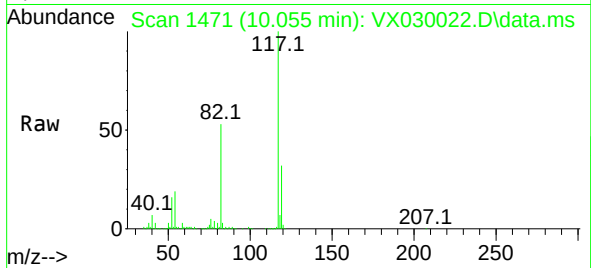
Tgt Ion: 95 Resp: 145498
Ion Ratio Lower Upper
95 100
174 78.0 0.0 149.0
176 74.7 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

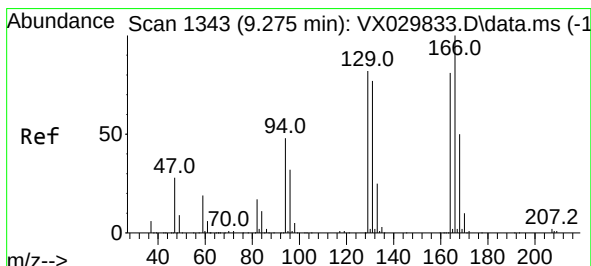
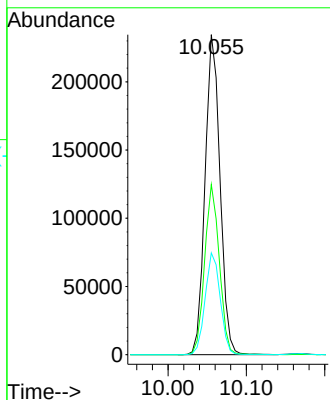
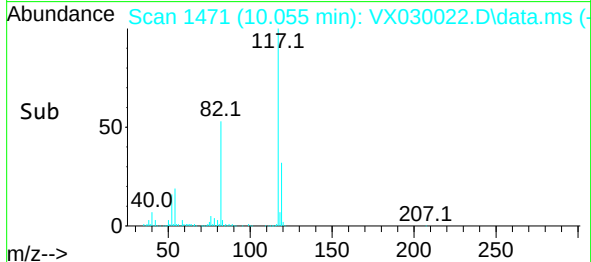
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:117 Resp: 31023
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 31.8 25.4 38.2

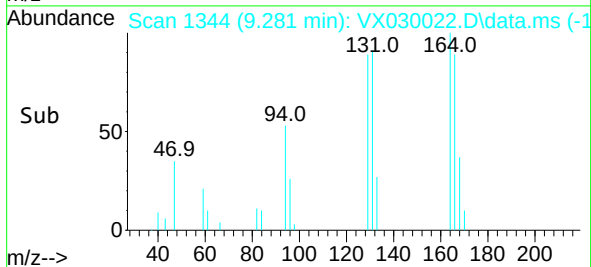
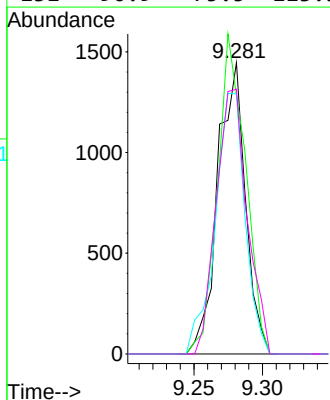
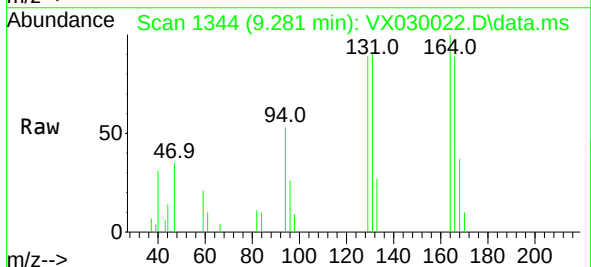
Manual Integrations
APPROVED

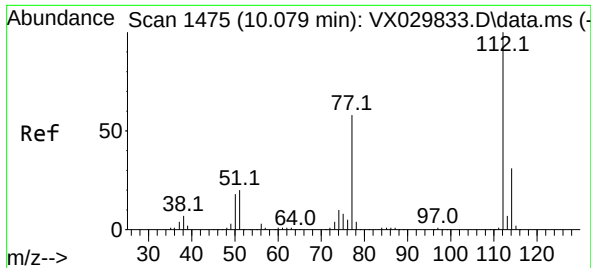
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#64
Tetrachloroethene
Concen: 0.815 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion:164 Resp: 2030
Ion Ratio Lower Upper
164 100
166 88.9 98.2 147.4#
129 89.3 80.8 121.2
131 90.9 75.5 113.3





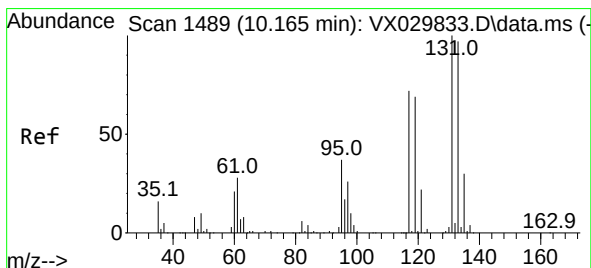
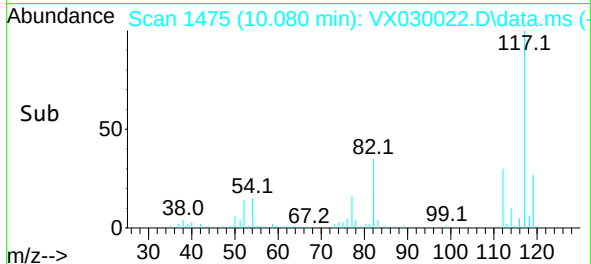
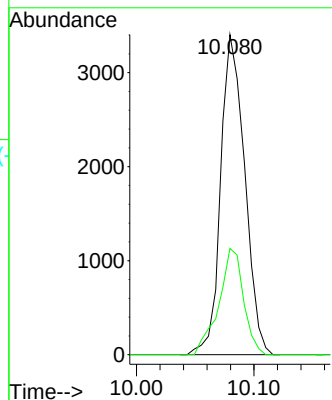
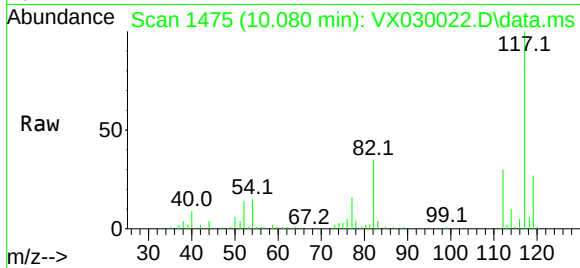
#65
Chlorobenzene
Concen: 0.783 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:112 Resp: 4840
Ion Ratio Lower Upper
112 100
114 33.2 24.6 36.8

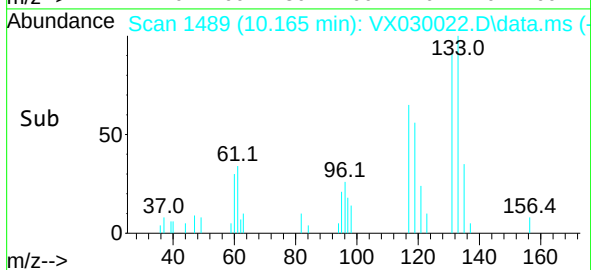
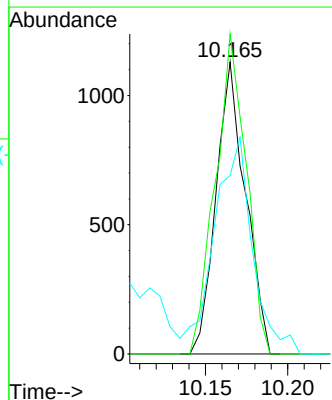
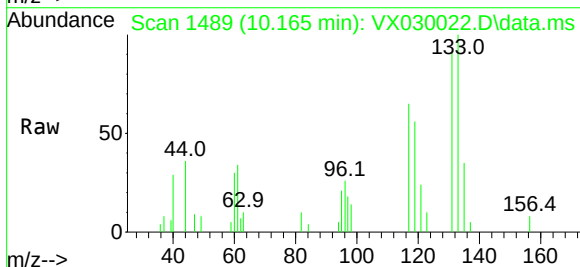
Manual Integrations
APPROVED

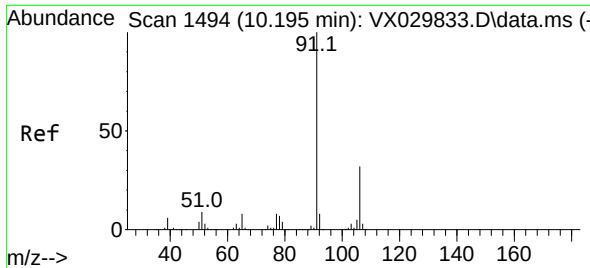
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 0.667 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion:131 Resp: 1404
Ion Ratio Lower Upper
131 100
133 114.7 46.9 140.8
119 0.0 34.4 103.1#





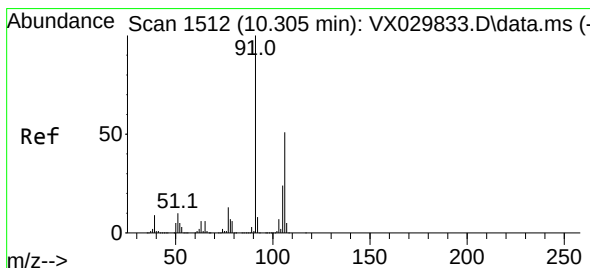
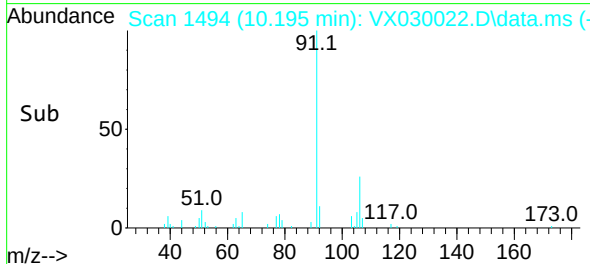
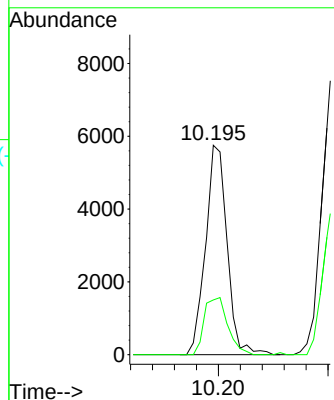
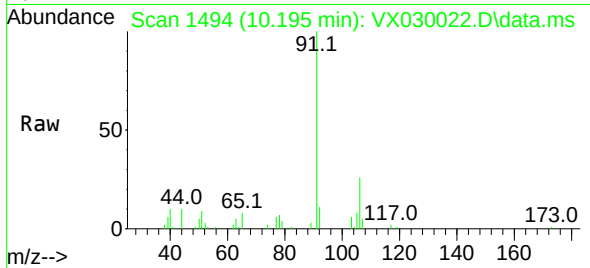
#67
Ethyl Benzene
Concen: 0.749 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 91 Resp: 783
Ion Ratio Lower Upper
91 100
106 26.1 25.5 38.3

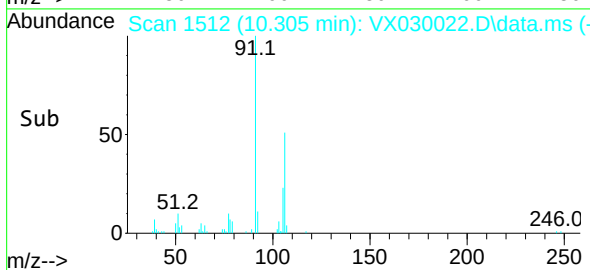
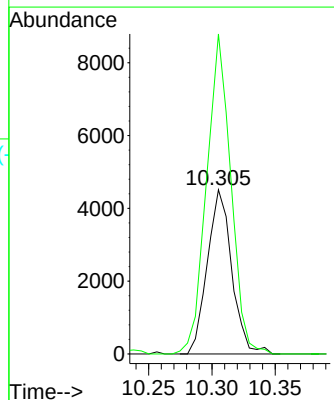
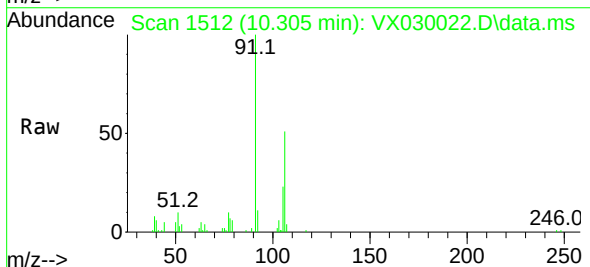
Manual Integrations
APPROVED

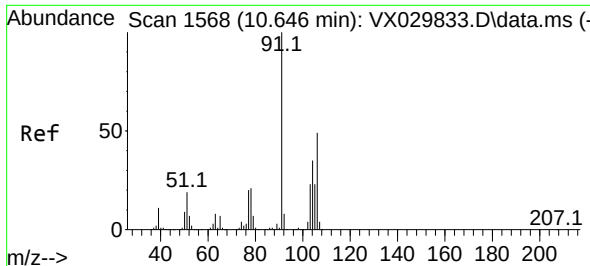
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#68
m/p-Xylenes
Concen: 1.475 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion:106 Resp: 6057
Ion Ratio Lower Upper
106 100
91 193.7 158.2 237.4





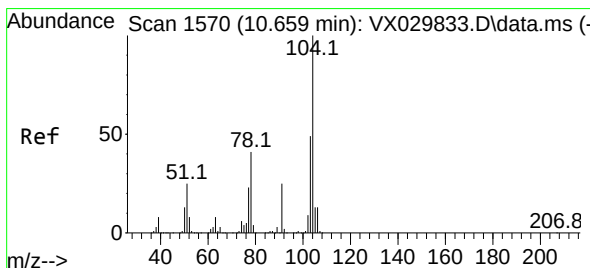
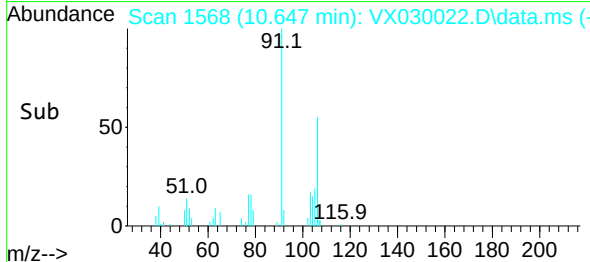
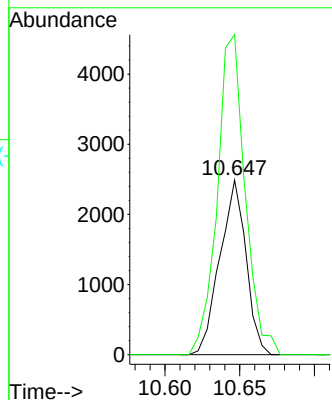
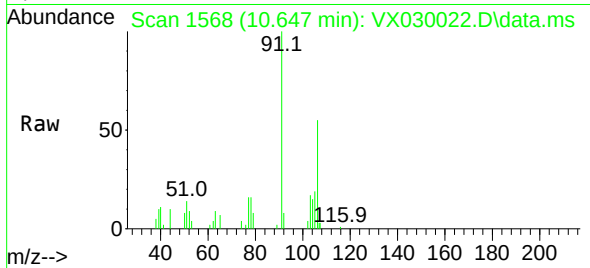
#69
o-Xylene
Concen: 0.736 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:106 Resp: 302
Ion Ratio Lower Upper
106 100
91 195.2 103.8 311.6

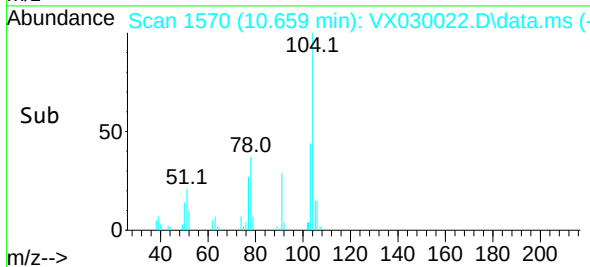
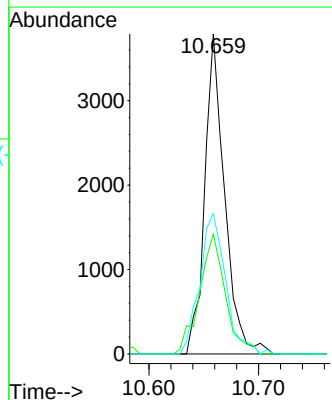
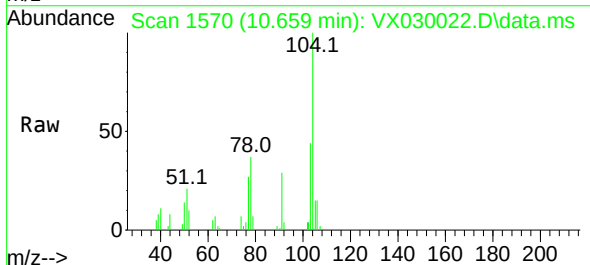
Manual Integrations
APPROVED

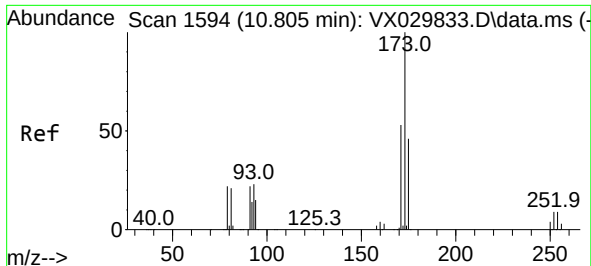
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#70
Styrene
Concen: 0.699 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

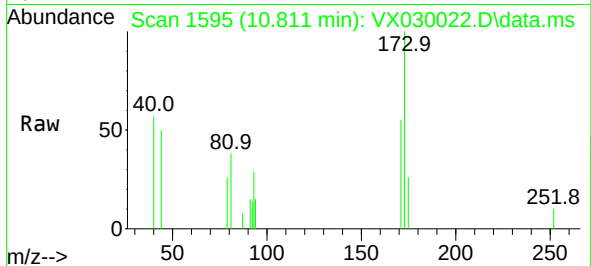
Tgt Ion:104 Resp: 4771
Ion Ratio Lower Upper
104 100
78 48.5 37.8 56.8
103 57.3 44.5 66.7





#71
Bromoform
Concen: 0.703 ug/l
RT: 10.811 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

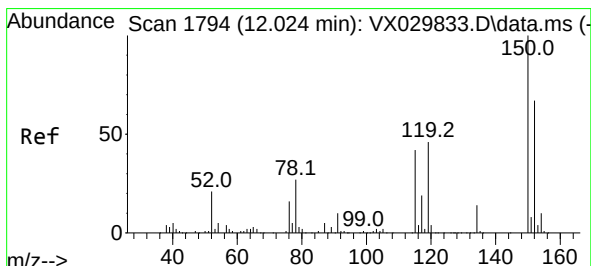
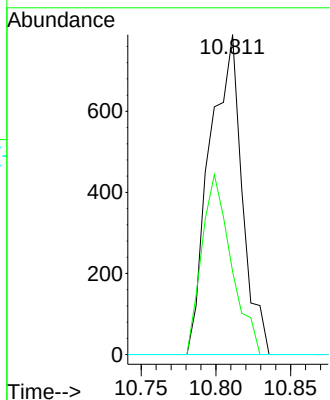
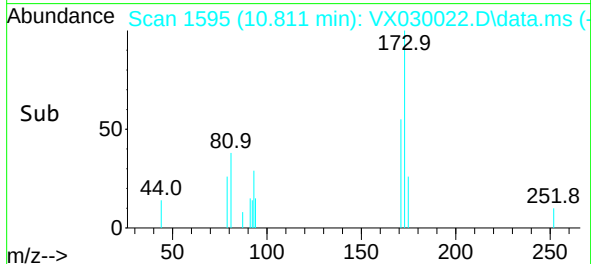
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



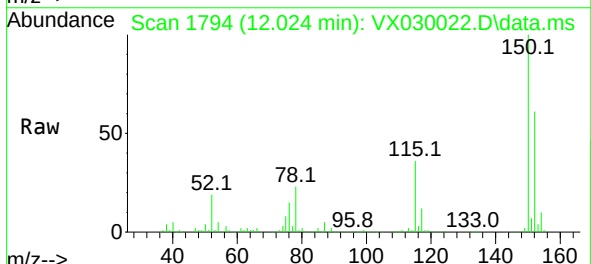
Tgt Ion:173 Resp: 1189
Ion Ratio Lower Upper
173 100
175 51.1 23.8 71.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

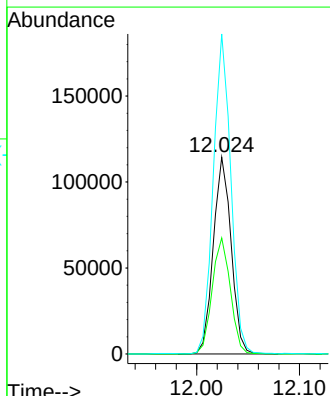
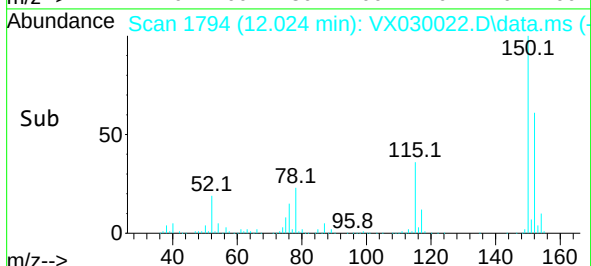
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

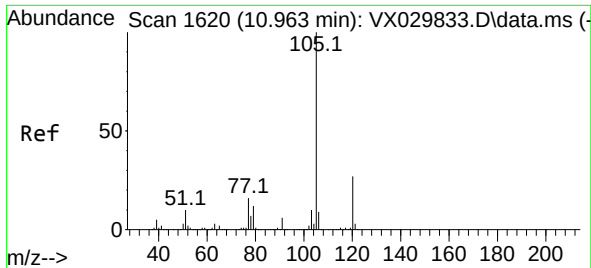


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17



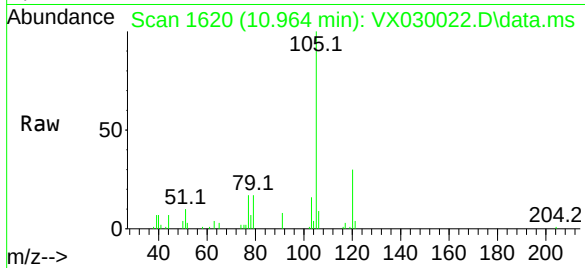
Tgt Ion:152 Resp: 137640
Ion Ratio Lower Upper
152 100
115 60.1 40.5 121.5
150 159.3 0.0 347.0





#73
Isopropylbenzene
Concen: 0.699 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

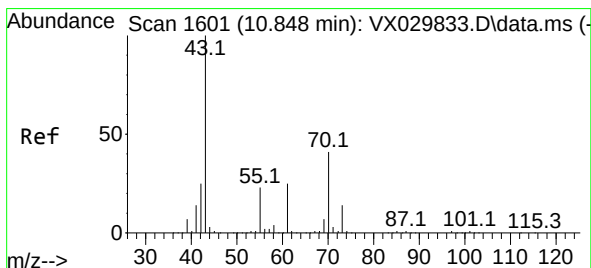
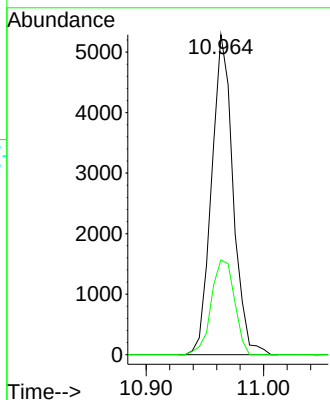
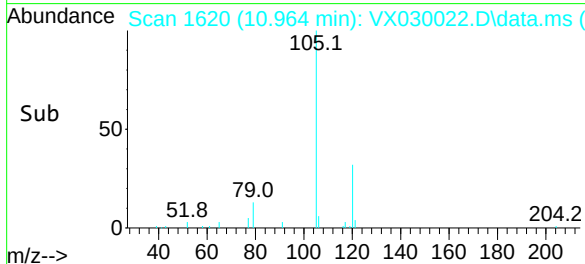
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



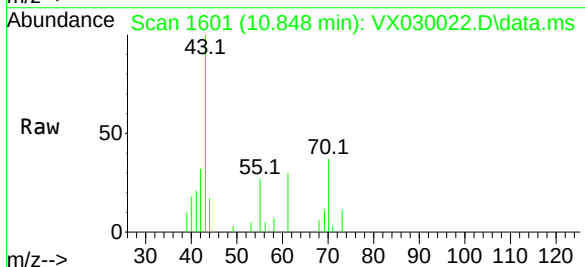
Tgt Ion:105 Resp: 670
Ion Ratio Lower Upper
105 100
120 32.0 13.5 40.4

Manual Integrations
APPROVED

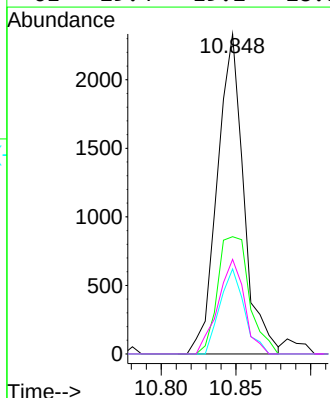
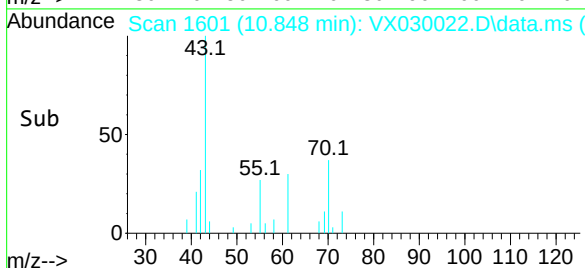
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

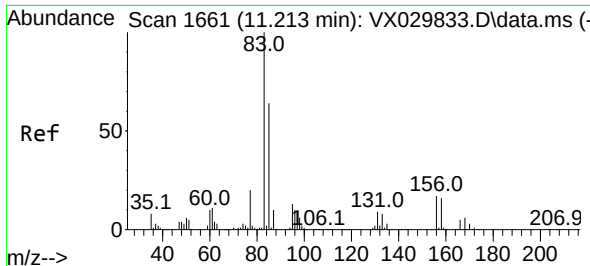


#74
N-ethyl acetate
Concen: 0.681 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17



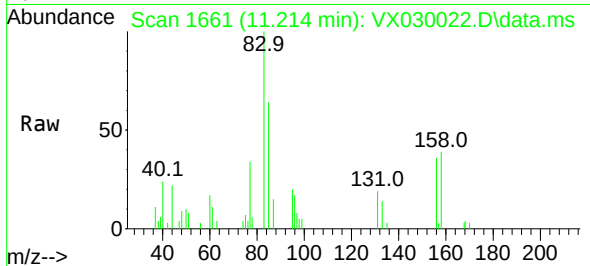
Tgt Ion: 43 Resp: 2867
Ion Ratio Lower Upper
43 100
70 44.2 32.3 48.5
55 24.4 18.4 27.6
61 29.4 19.2 28.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.838 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

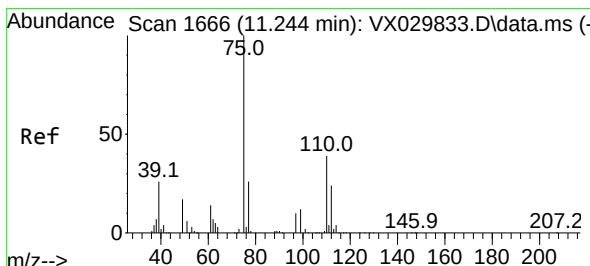
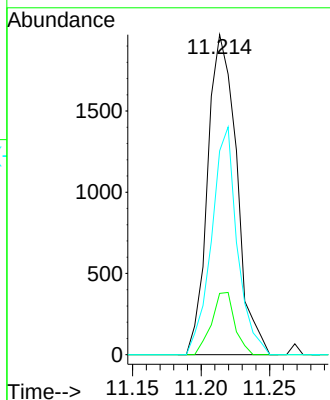
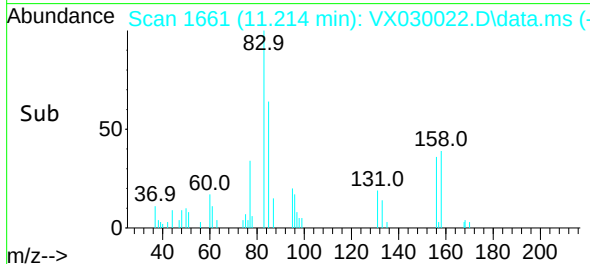
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



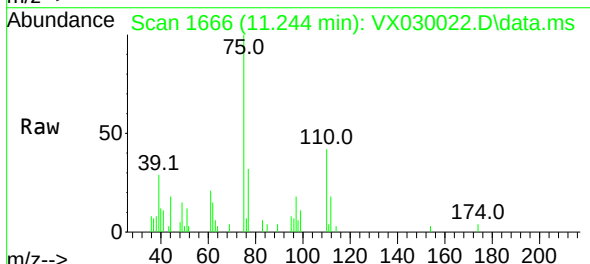
Tgt Ion: 83 Resp: 289
Ion Ratio Lower Upper
83 100
131 15.5 4.5 13.7
85 63.2 32.5 97.5

Manual Integrations
APPROVED

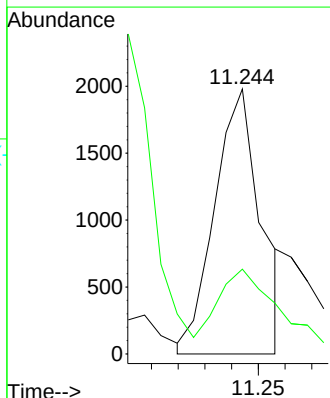
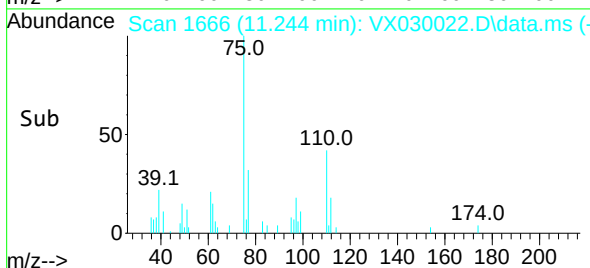
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

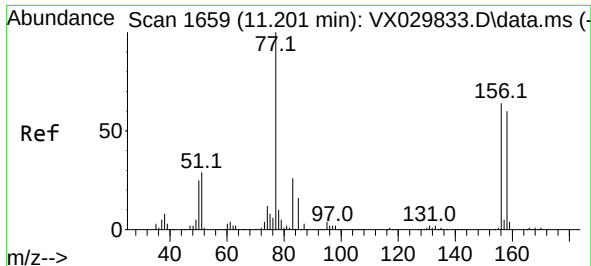


#76
1,2,3-Trichloropropane
Concen: 0.754 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17



Tgt Ion: 75 Resp: 2386
Ion Ratio Lower Upper
75 100
77 44.3 19.8 59.3





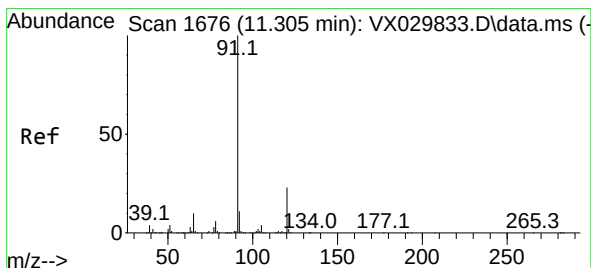
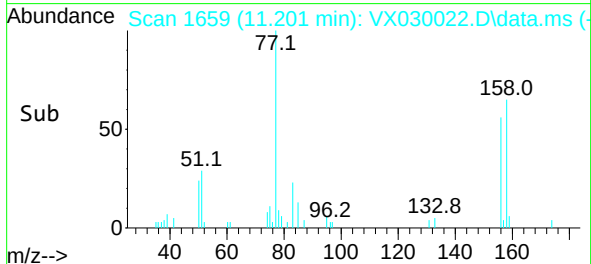
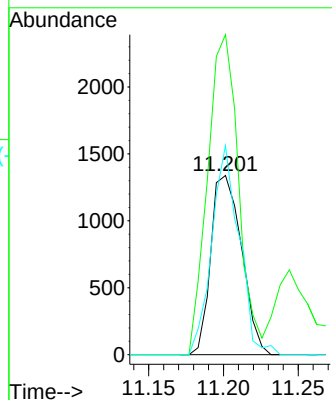
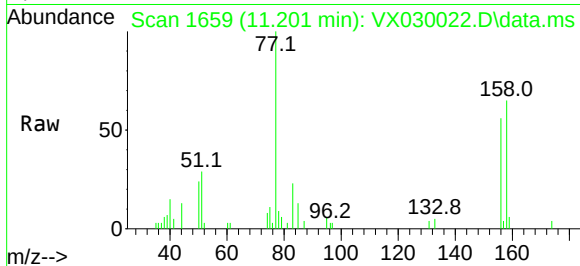
#77
Bromobenzene
Concen: 0.799 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:156 Resp: 191
Ion Ratio Lower Upper
156 100
77 179.2 82.7 247.9
158 103.9 47.5 142.5

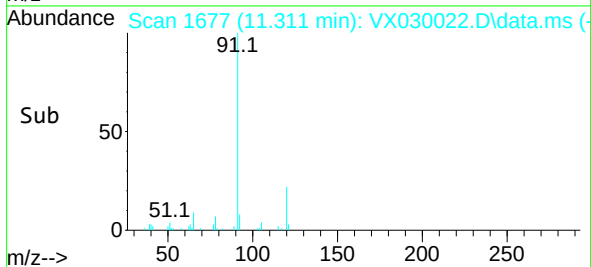
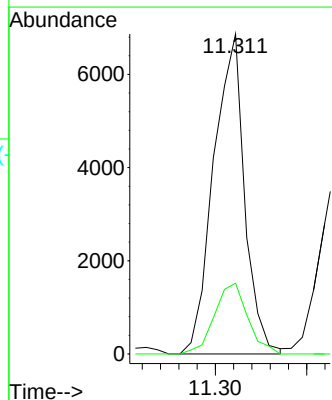
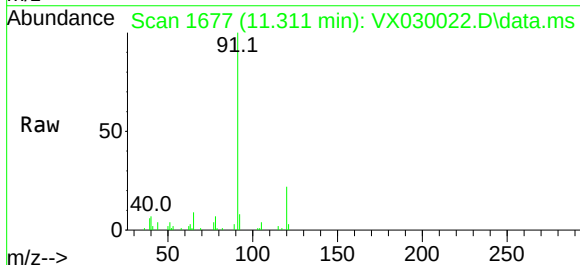
Manual Integrations
APPROVED

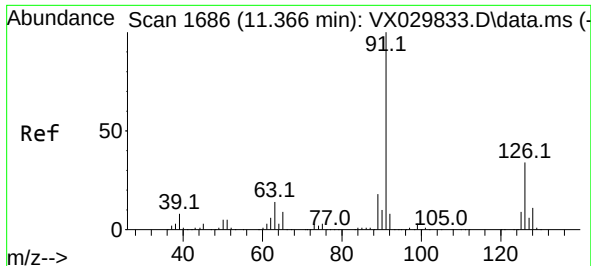
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#78
n-propylbenzene
Concen: 0.711 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion: 91 Resp: 8084
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8





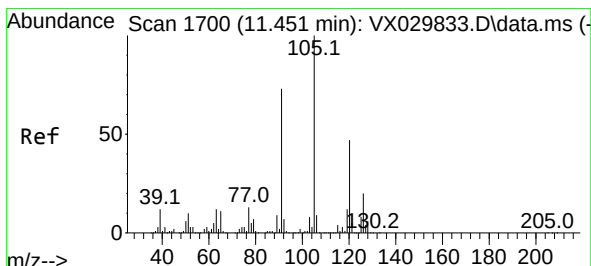
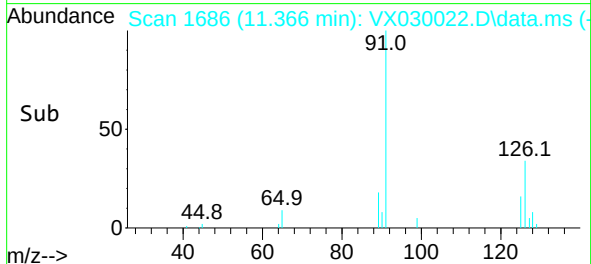
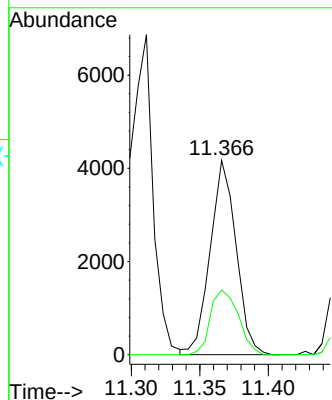
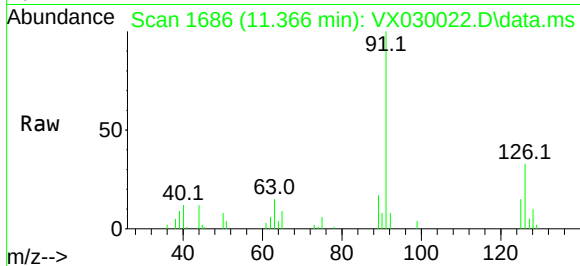
#79
2-Chlorotoluene
Concen: 0.806 ug/l
RT: 11.366 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 91 Resp: 548
Ion Ratio Lower Upper
91 100
126 36.0 17.4 52.3

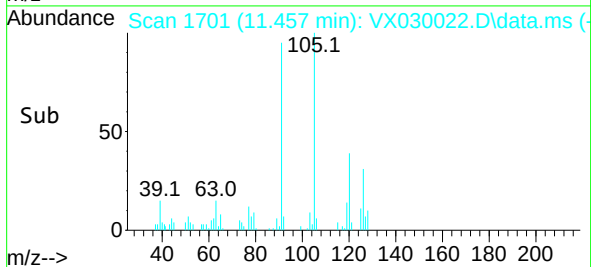
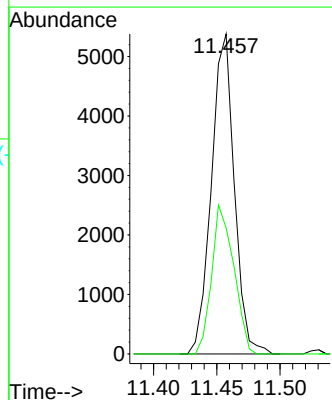
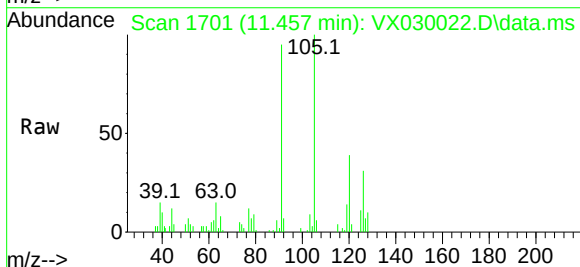
Manual Integrations
APPROVED

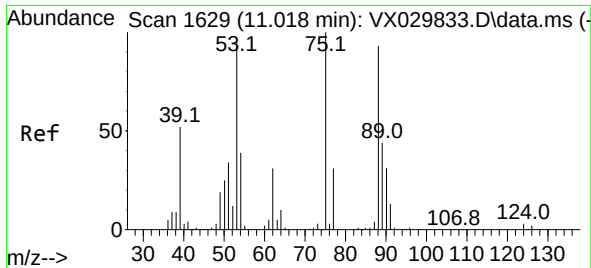
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.839 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

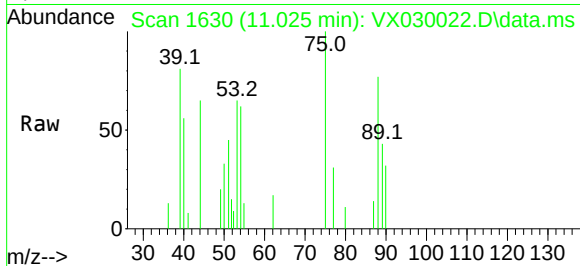
Tgt Ion:105 Resp: 6778
Ion Ratio Lower Upper
105 100
120 44.8 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 0.777 ug/l m
RT: 11.025 min Scan# 1629
Delta R.T. 0.007 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

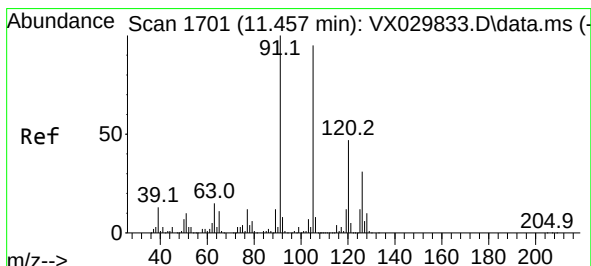
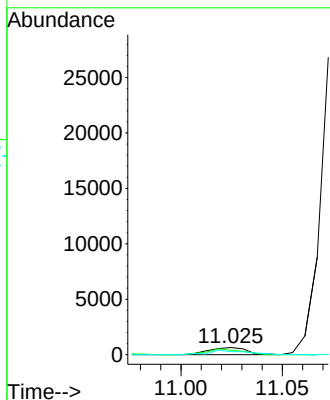
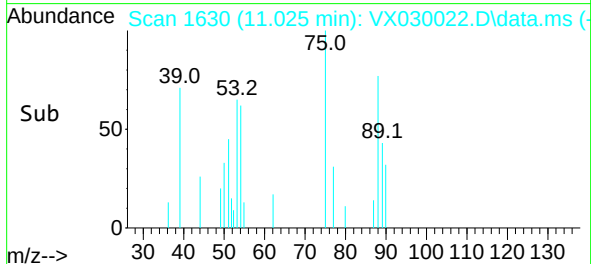
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 75 Resp: 852
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4
89 9.7 34.8 52.2

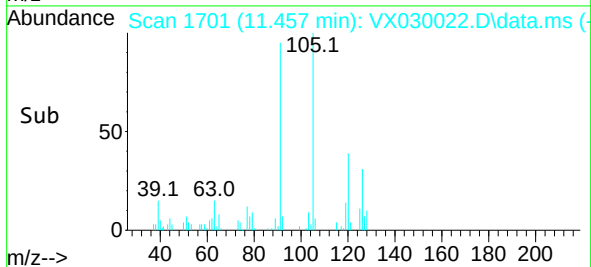
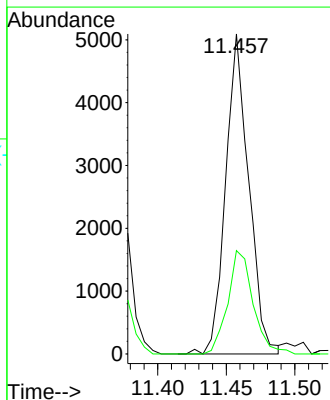
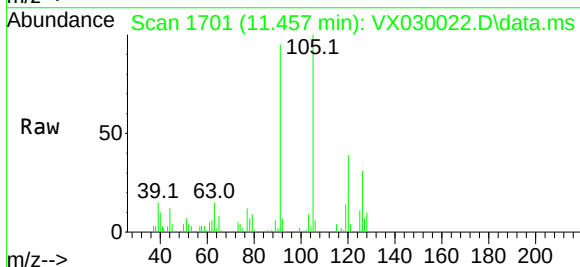
Manual Integrations
APPROVED

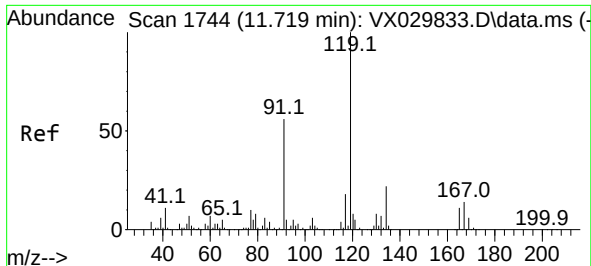
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#82
4-Chlorotoluene
Concen: 0.783 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

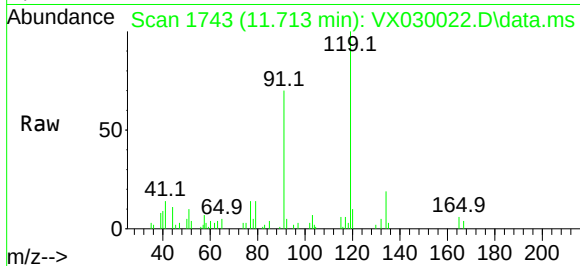
Tgt Ion: 91 Resp: 5975
Ion Ratio Lower Upper
91 100
126 35.4 15.3 45.9





#83
tert-Butylbenzene
Concen: 0.744 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

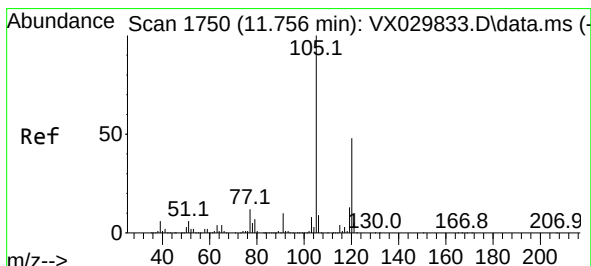
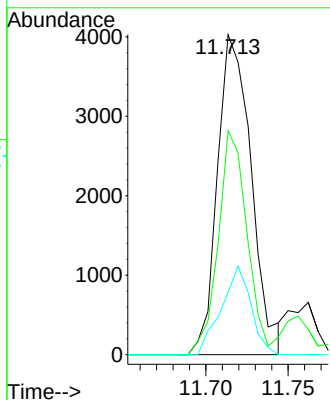
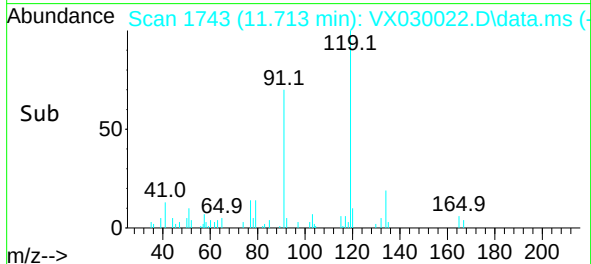
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



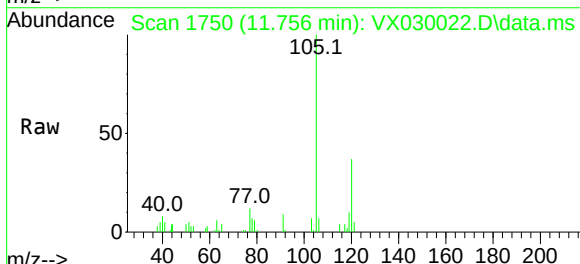
Tgt Ion:119 Resp: 576
Ion Ratio Lower Upper
119 100
91 59.4 28.3 84.9
134 24.2 11.2 33.5

Manual Integrations
APPROVED

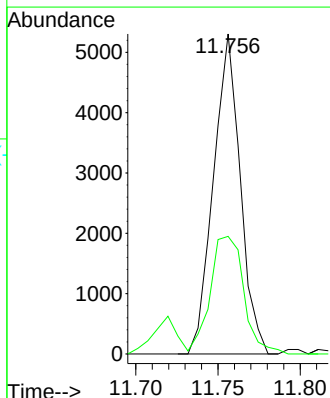
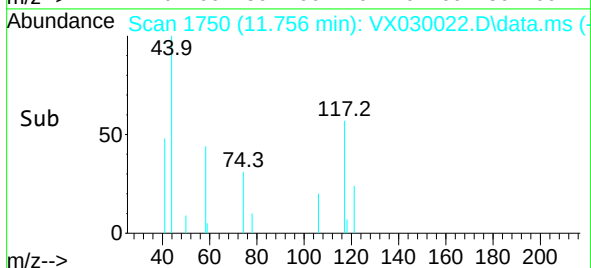
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

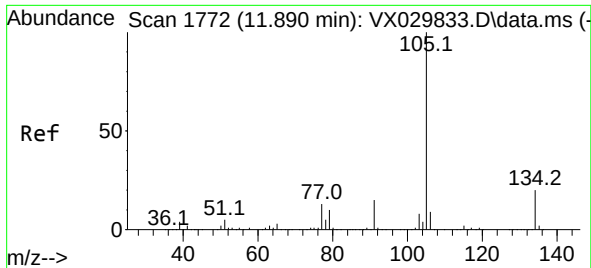


#84
1,2,4-Trimethylbenzene
Concen: 0.753 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17



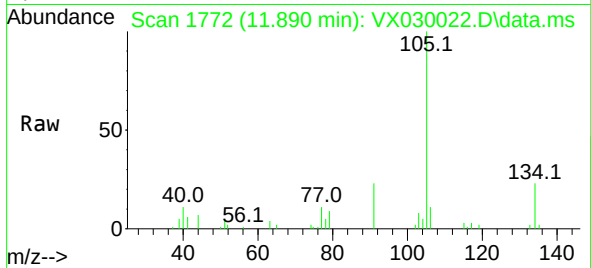
Tgt Ion:105 Resp: 6012
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 0.674 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX030022.D
 Acq: 12 Jul 2022 16:17

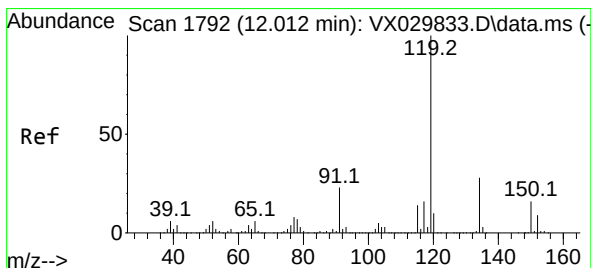
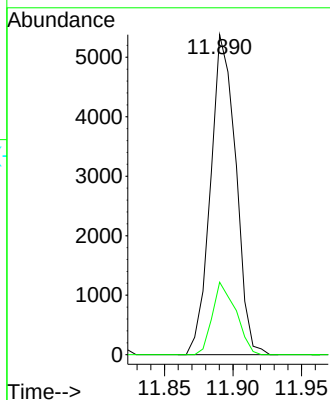
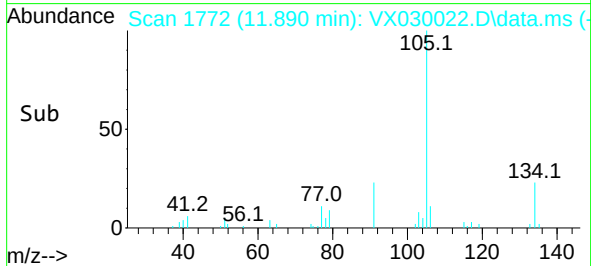
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



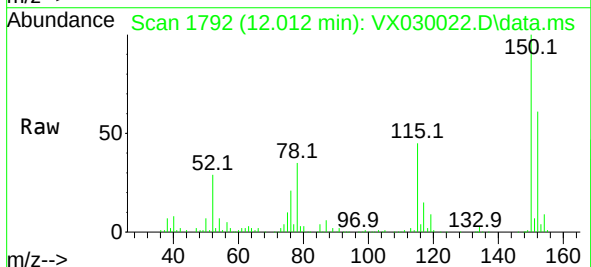
Tgt Ion:105 Resp: 690
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.0 30.0

Manual Integrations
 APPROVED

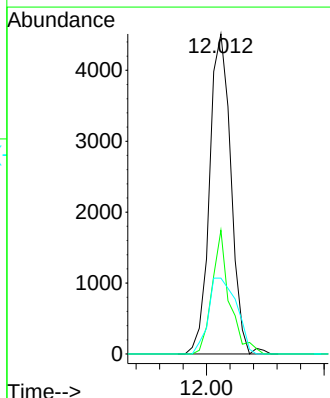
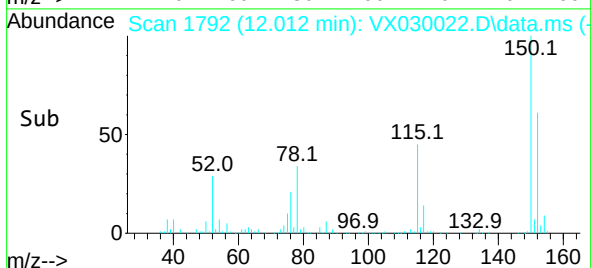
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

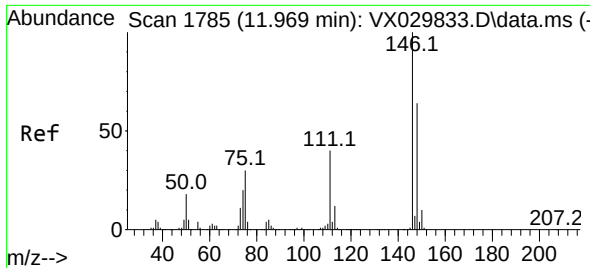


#86
 p-Isopropyltoluene
 Concen: 0.694 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030022.D
 Acq: 12 Jul 2022 16:17



Tgt Ion:119 Resp: 5698
 Ion Ratio Lower Upper
 119 100
 134 31.8 13.9 41.6
 91 31.3 11.8 35.3





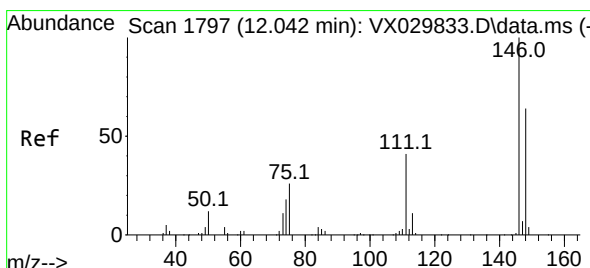
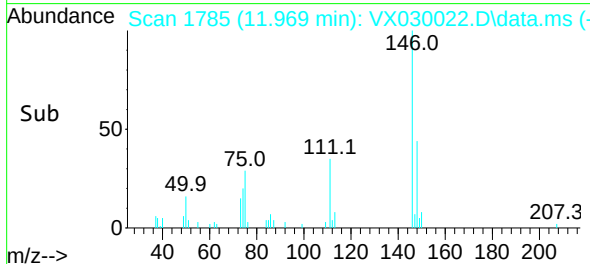
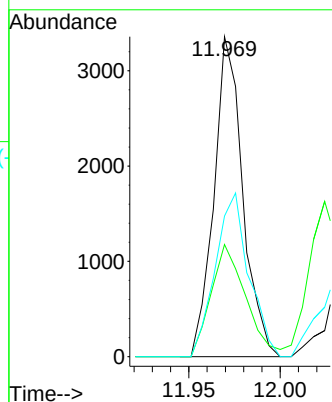
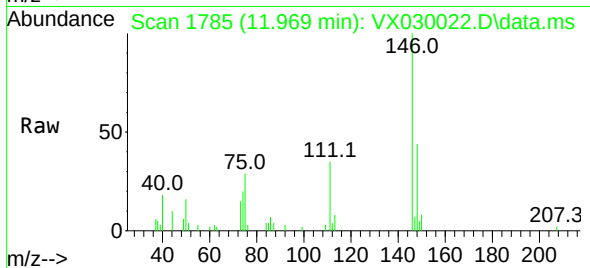
#87
1,3-Dichlorobenzene
Concen: 0.829 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:146 Resp: 3672
Ion Ratio Lower Upper
146 100
111 42.3 20.3 60.8
148 59.7 31.8 95.3

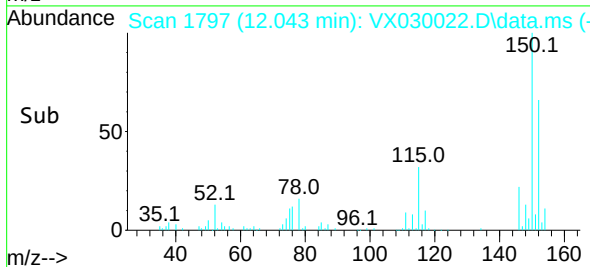
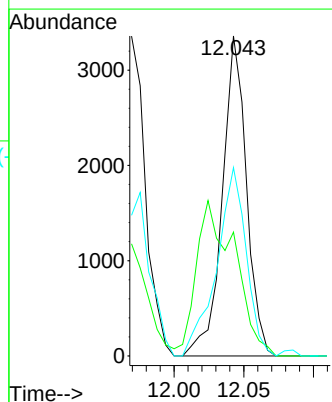
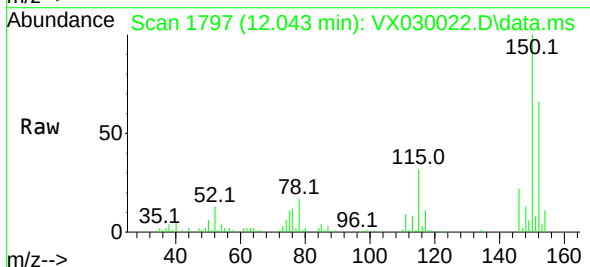
Manual Integrations
APPROVED

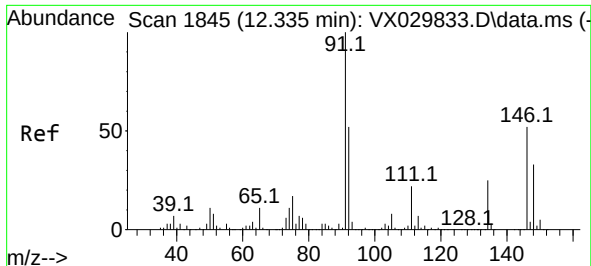
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#88
1,4-Dichlorobenzene
Concen: 0.890 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion:146 Resp: 4047
Ion Ratio Lower Upper
146 100
111 38.4 20.3 60.9
148 54.2 32.3 96.8





#89

n-Butylbenzene

Concen: 0.726 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

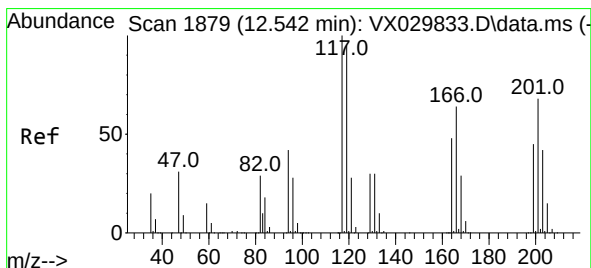
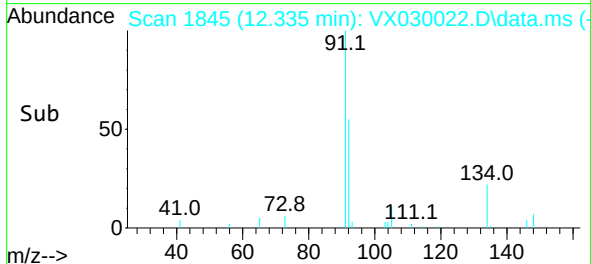
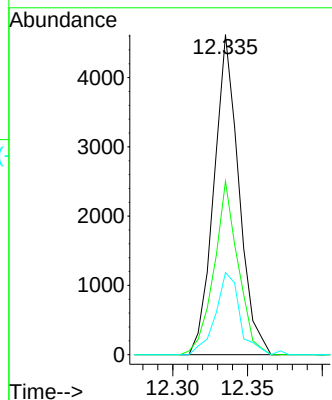
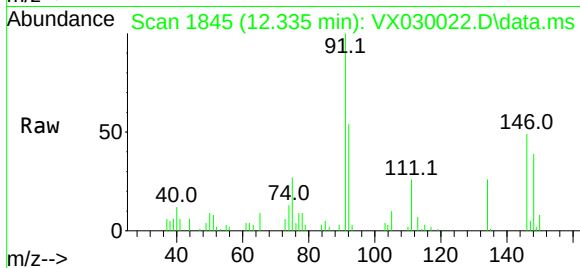
Tgt Ion: 91	Resp: 534
Ion Ratio	Lower Upper
91 100	
92 52.2	26.2 78.5
134 25.5	12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#90

Hexachloroethane

Concen: 0.677 ug/l

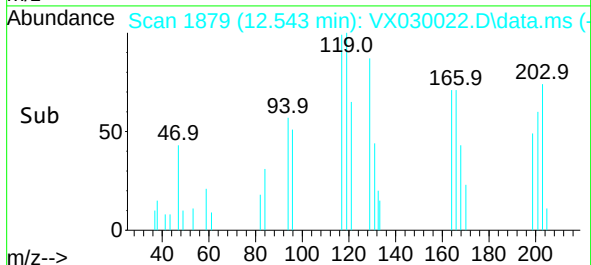
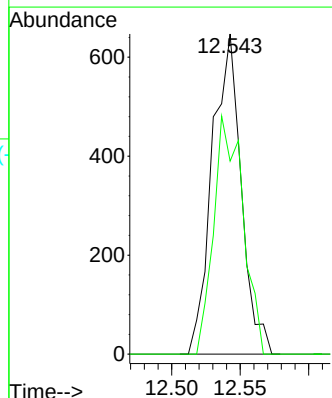
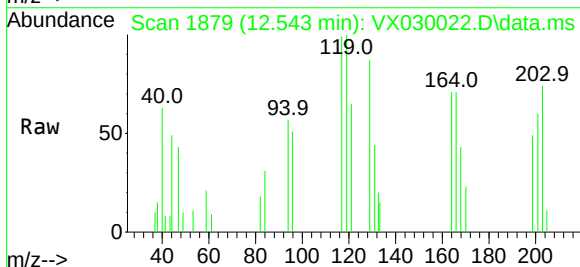
RT: 12.543 min Scan# 1879

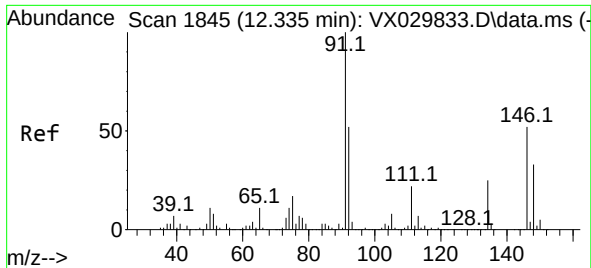
Delta R.T. 0.001 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Tgt Ion: 117	Resp: 951
Ion Ratio	Lower Upper
117 100	
201 74.9	34.2 102.5





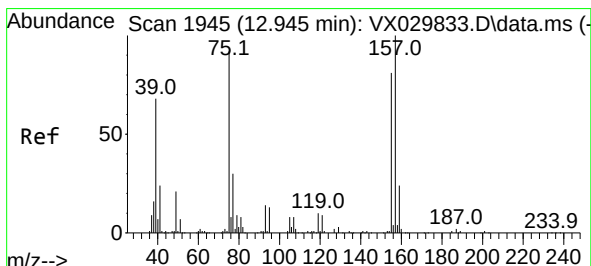
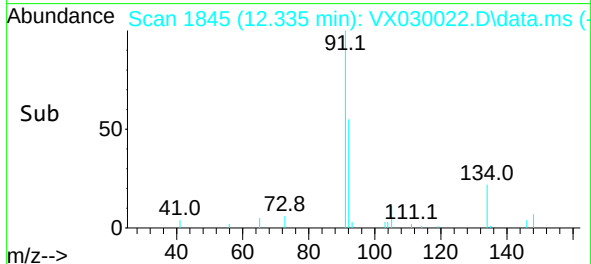
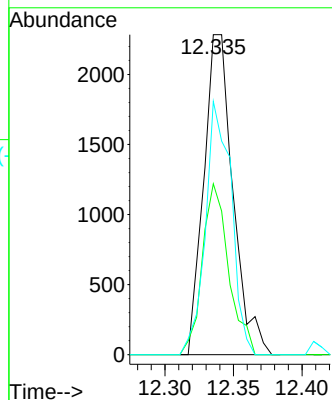
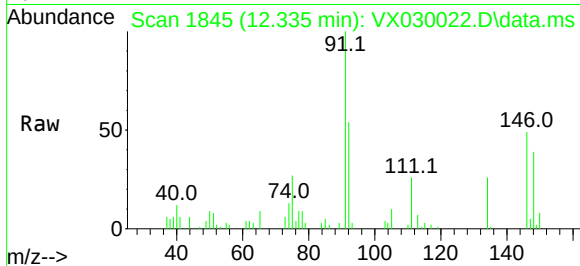
#91
1,2-Dichlorobenzene
Concen: 0.753 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:146 Resp: 3389
Ion Ratio Lower Upper
146 100
111 48.0 20.7 62.1
148 69.8 32.0 96.2

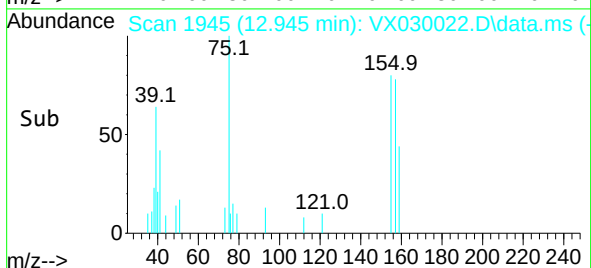
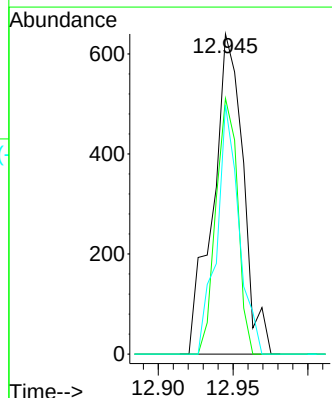
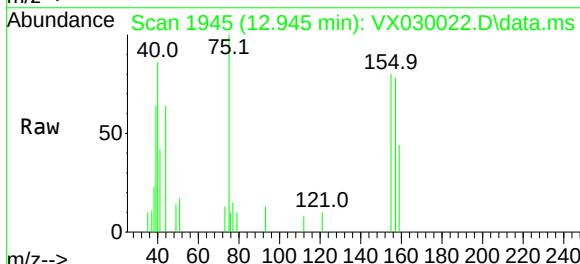
Manual Integrations
APPROVED

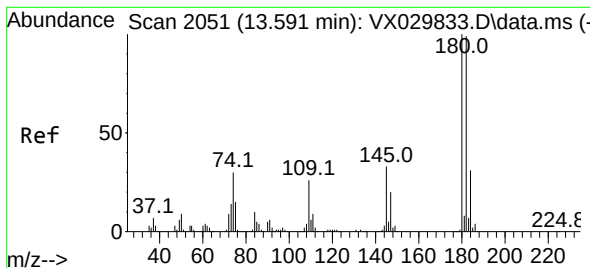
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.137 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion: 75 Resp: 898
Ion Ratio Lower Upper
75 100
155 57.2 45.0 134.8
157 57.2 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 0.786 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

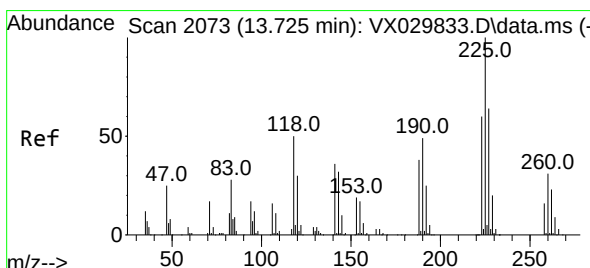
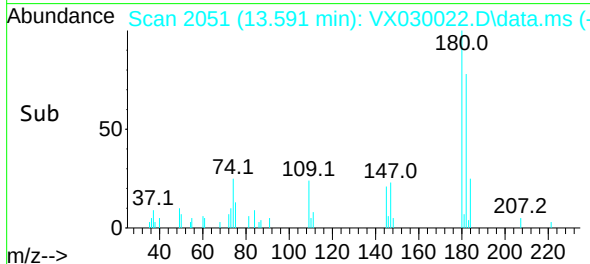
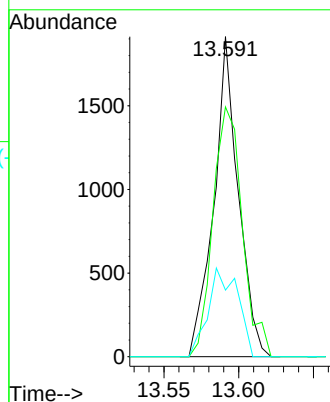
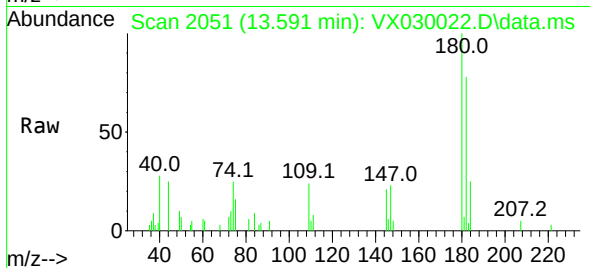
Tgt Ion:180	Resp:	2174
Ion Ratio	Lower	Upper
180	100	
182	93.7	48.2 144.6
145	33.5	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#94

Hexachlorobutadiene

Concen: 0.863 ug/l

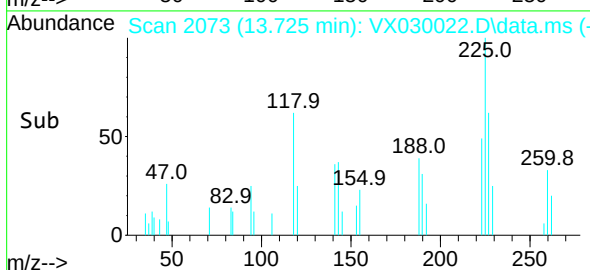
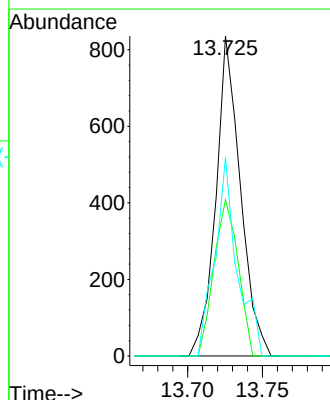
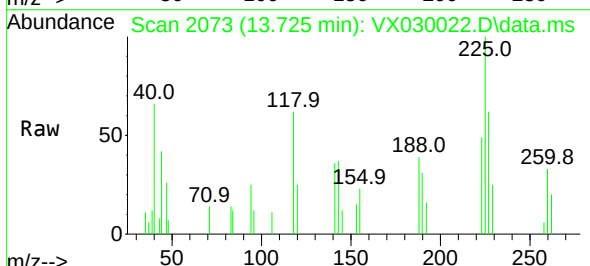
RT: 13.725 min Scan# 2073

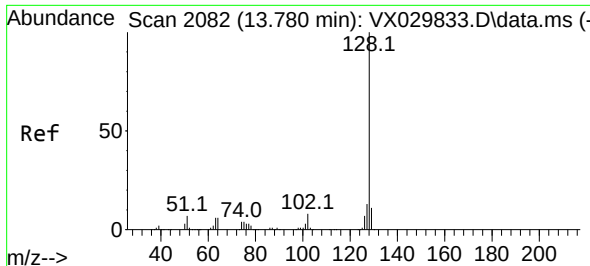
Delta R.T. 0.000 min

Lab File: VX030022.D

Acq: 12 Jul 2022 16:17

Tgt Ion:225	Resp:	953
Ion Ratio	Lower	Upper
225	100	
223	48.1	30.6 91.6
227	56.8	31.9 95.9





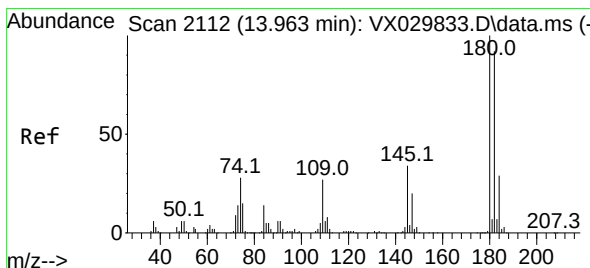
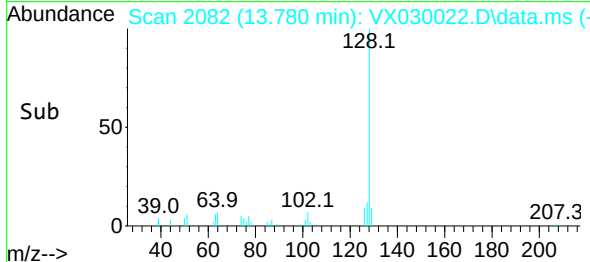
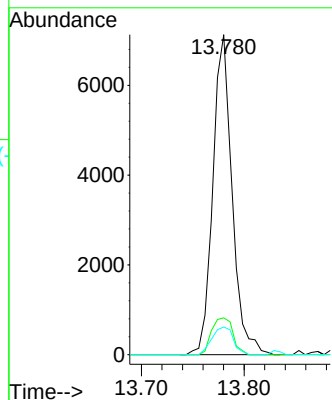
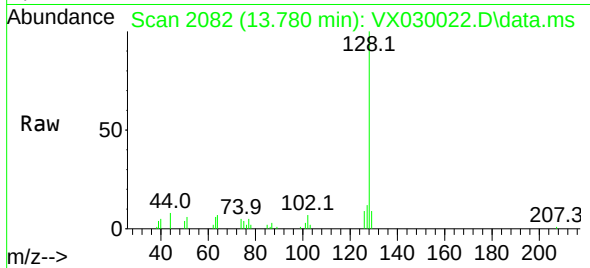
#95
Naphthalene
Concen: 0.843 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:128 Resp: 925
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 9.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 0.876 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030022.D
Acq: 12 Jul 2022 16:17

Tgt Ion:180 Resp: 2465
Ion Ratio Lower Upper
180 100
182 82.8 47.0 141.0
145 32.8 17.0 50.9

