

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034210.D
 Acq On : 21 Feb 2023 15:30
 Operator : JC/MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 22 02:57:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 02:40:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	316890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	524473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	455399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199522	46.751	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.500%		
35) Dibromofluoromethane	5.385	113	171028	50.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.160%		
50) Toluene-d8	8.647	98	628145	51.234	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.460%		
62) 4-Bromofluorobenzene	11.079	95	219400	46.784	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1010	0.369	ug/l	93
3) Chloromethane	1.300	50	2078	0.527	ug/l #	82
4) Vinyl Chloride	1.374	62	1700	0.474	ug/l	98
5) Bromomethane	1.611	94	1270	0.892	ug/l	89
6) Chloroethane	1.685	64	1088	0.603	ug/l #	84
7) Trichlorofluoromethane	1.886	101	2456	0.506	ug/l #	81
8) Diethyl Ether	2.136	74	1031	0.527	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	1244	0.364	ug/l	91
10) Methyl Iodide	2.453	142	1234	0.296	ug/l	95
11) Tert butyl alcohol	2.953	59	4126	4.322	ug/l #	95
12) 1,1-Dichloroethene	2.325	96	1476	0.431	ug/l #	66
13) Acrolein	2.233	56	1337	3.068	ug/l #	54
14) Allyl chloride	2.666	41	3291	0.453	ug/l #	84
15) Acrylonitrile	3.074	53	4129	1.983	ug/l	94
16) Acetone	2.386	43	4848	2.202	ug/l	98
17) Carbon Disulfide	2.514	76	4306	0.437	ug/l #	87
18) Methyl Acetate	2.709	43	2409	0.354	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	4667	0.386	ug/l	98
20) Methylene Chloride	2.794	84	3071	0.774	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	1655	0.461	ug/l	89
22) Diisopropyl ether	3.769	45	5108	0.401	ug/l #	75
23) Vinyl Acetate	3.733	43	18933	1.854	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	2503	0.358	ug/l #	97
25) 2-Butanone	4.574	43	6282m	1.972	ug/l	
26) 2,2-Dichloropropane	4.483	77	2373	0.374	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	1793	0.422	ug/l	93
28) Bromochloromethane	4.903	49	1309	0.419	ug/l #	88
29) Tetrahydrofuran	5.025	42	4339	2.233	ug/l #	70
30) Chloroform	5.086	83	2930	0.436	ug/l #	71
31) Cyclohexane	5.464	56	2919	0.458	ug/l #	78
32) 1,1,1-Trichloroethane	5.391	97	2275	0.378	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	2219	0.439	ug/l	93
37) Ethyl Acetate	4.733	43	2367	0.419	ug/l #	83
38) Carbon Tetrachloride	5.678	117	2051	0.395	ug/l #	78
39) Methylcyclohexane	7.379	83	2281	0.351	ug/l	95
40) Benzene	6.043	78	5701	0.381	ug/l #	77

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	662m	0.211	ug/l	
42) 1,2-Dichloroethane	6.104	62	2333	0.443	ug/l	81
43) Isopropyl Acetate	6.342	43	3205	0.322	ug/l	94
44) Trichloroethene	7.135	130	1739	0.453	ug/l	82
45) 1,2-Dichloropropane	7.440	63	1512	0.380	ug/l	96
46) Dibromomethane	7.586	93	1064	0.406	ug/l	88
47) Bromodichloromethane	7.830	83	1929	0.358	ug/l #	87
48) Methyl methacrylate	7.708	41	1597	0.338	ug/l	97
49) 1,4-Dioxane	7.677	88	637	6.756	ug/l #	67
51) 4-Methyl-2-Pentanone	8.573	43	10677	1.948	ug/l	97
52) Toluene	8.720	92	3643	0.402	ug/l	94
53) t-1,3-Dichloropropene	8.988	75	1833	0.296	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	2390	0.360	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	1317	0.360	ug/l	92
56) Ethyl methacrylate	9.122	69	2220	0.359	ug/l #	82
57) 1,3-Dichloropropane	9.317	76	2350	0.369	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.250	63	5267	1.964	ug/l	100
59) 2-Hexanone	9.439	43	7694	1.842	ug/l	100
60) Dibromochloromethane	9.525	129	1343	0.332	ug/l	96
61) 1,2-Dibromoethane	9.616	107	1423	0.368	ug/l	94
64) Tetrachloroethene	9.275	164	1438	0.447	ug/l #	66
65) Chlorobenzene	10.079	112	3787	0.399	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.165	131	1312	0.357	ug/l #	66
67) Ethyl Benzene	10.195	91	6447	0.378	ug/l	97
68) m/p-Xylenes	10.305	106	5320	0.815	ug/l	99
69) o-Xylene	10.640	106	2745	0.422	ug/l	95
70) Styrene	10.665	104	3878	0.367	ug/l	97
71) Bromoform	10.799	173	915	0.305	ug/l #	97
73) Isopropylbenzene	10.963	105	5926	0.370	ug/l	98
74) N-amyl acetate	10.847	43	2926	0.364	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	2102	0.384	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1717m	0.325	ug/l	
77) Bromobenzene	11.195	156	1619	0.420	ug/l	87
78) n-propylbenzene	11.305	91	7079	0.380	ug/l	97
79) 2-Chlorotoluene	11.366	91	4565	0.400	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	4839	0.359	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.018	75	449m	0.218	ug/l	
82) 4-Chlorotoluene	11.457	91	4894	0.376	ug/l	99
83) tert-Butylbenzene	11.713	119	5228	0.379	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	4848	0.356	ug/l	97
85) sec-Butylbenzene	11.890	105	6254	0.373	ug/l	96
86) p-Isopropyltoluene	12.012	119	5111	0.369	ug/l #	81
87) 1,3-Dichlorobenzene	11.969	146	2787	0.386	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	3280m	0.450	ug/l	
89) n-Butylbenzene	12.335	91	4196	0.340	ug/l	98
90) Hexachloroethane	12.542	117	902	0.311	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	2708	0.383	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	431	0.330	ug/l	55
93) 1,2,4-Trichlorobenzene	13.591	180	1696	0.373	ug/l	95
94) Hexachlorobutadiene	13.725	225	827	0.439	ug/l	87
95) Naphthalene	13.780	128	5511	0.360	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1718	0.381	ug/l	95

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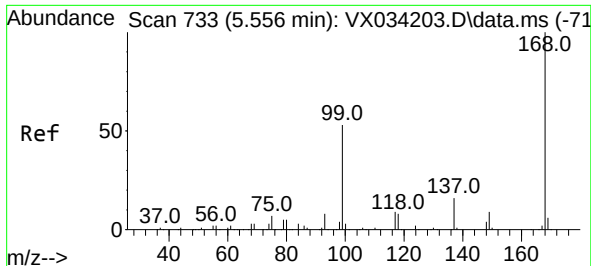
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

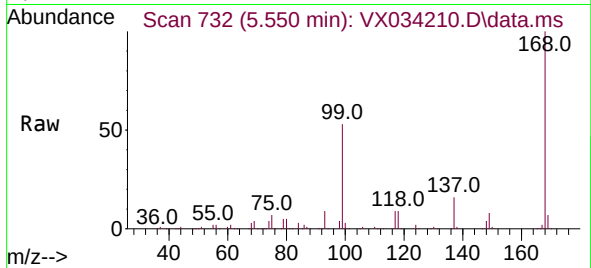
Quant Time: Feb 22 02:57:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

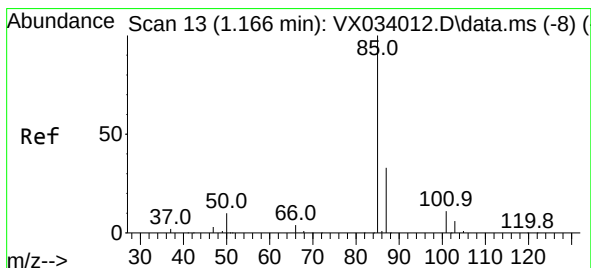
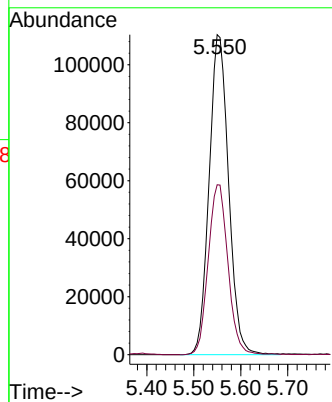
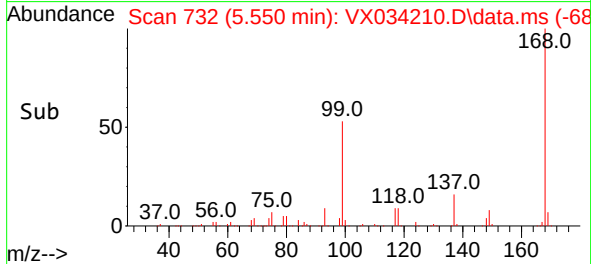
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:168 Resp: 316890
Ion Ratio Lower Upper
168 100
99 53.1 39.6 59.4

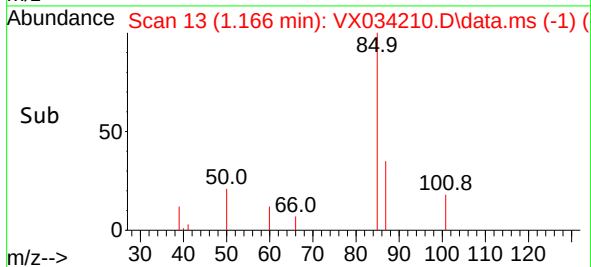
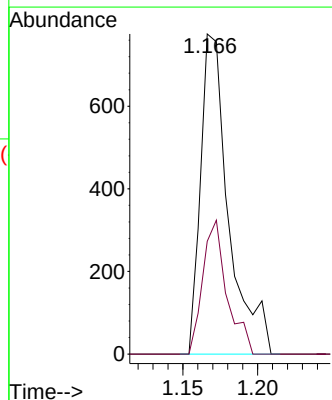
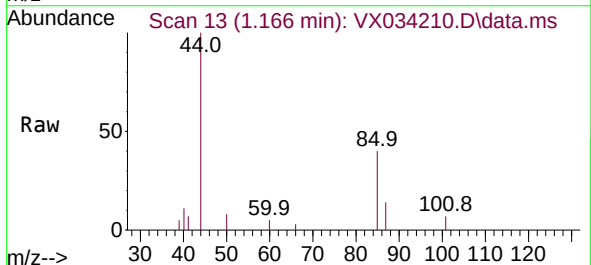
Manual Integrations
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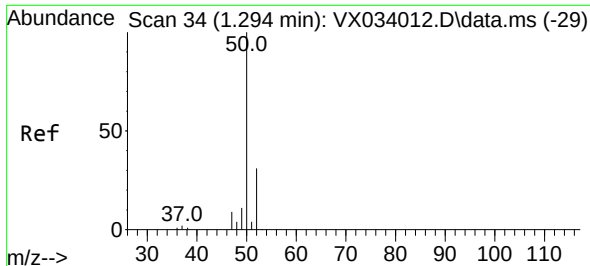
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#2
Dichlorodifluoromethane
Concen: 0.369 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

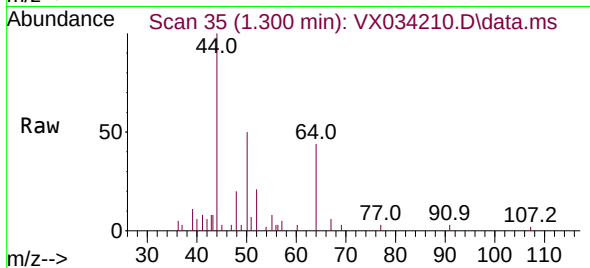
Tgt Ion: 85 Resp: 1010
Ion Ratio Lower Upper
85 100
87 35.2 15.8 47.4





#3
Chloromethane
Concen: 0.527 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

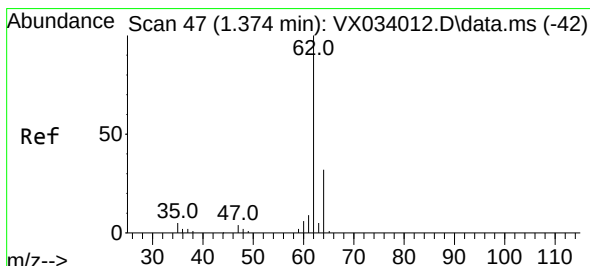
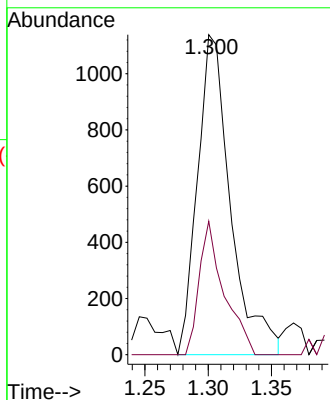
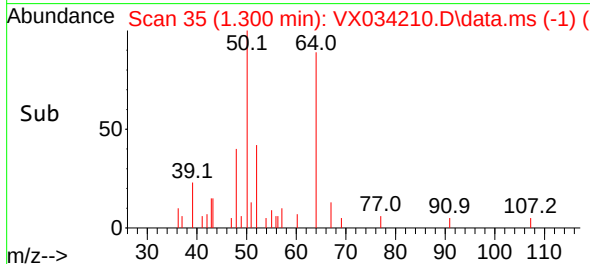
Instrument :
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LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 50 Resp: 2078
Ion Ratio Lower Upper
50 100
52 41.7 25.2 37.8

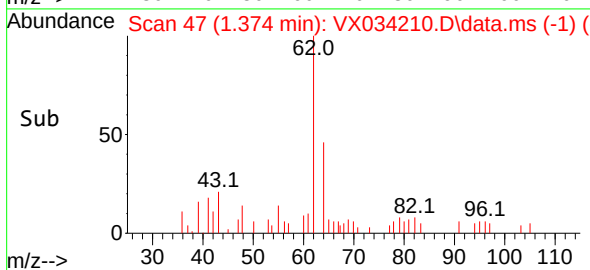
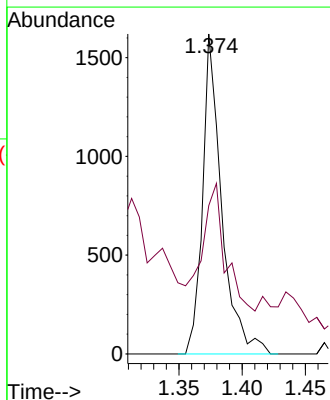
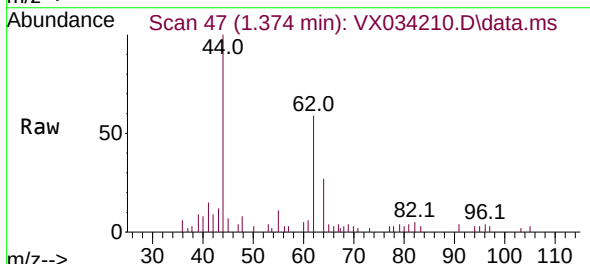
Manual Integrations
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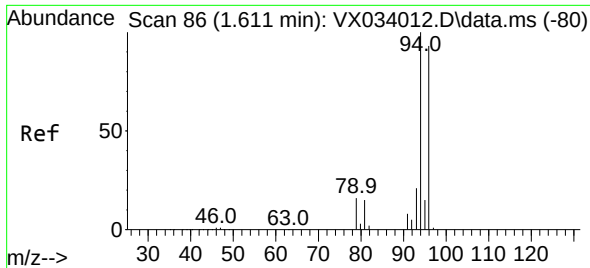
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#4
Vinyl Chloride
Concen: 0.474 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

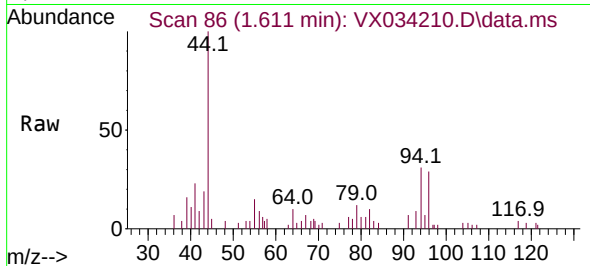
Tgt Ion: 62 Resp: 1700
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.4





#5
Bromomethane
Concen: 0.892 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

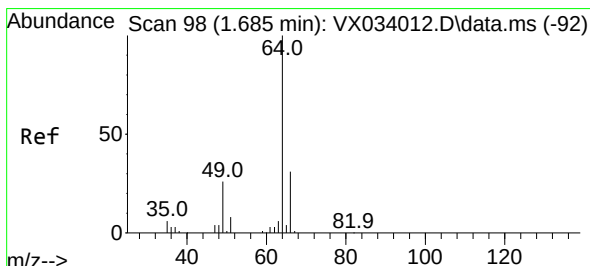
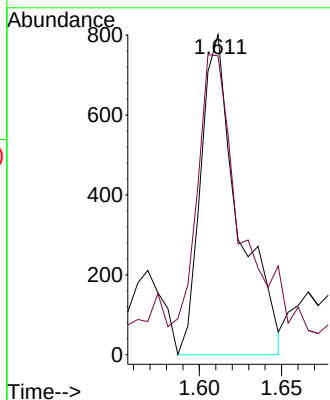
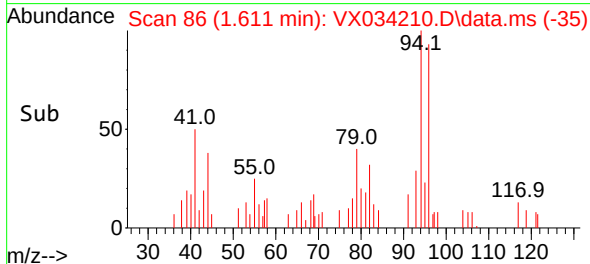
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 1270
Ion Ratio Lower Upper
94 100
96 82.1 74.3 111.5

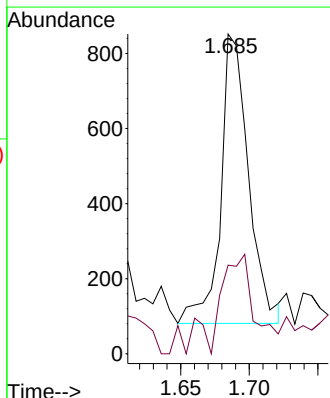
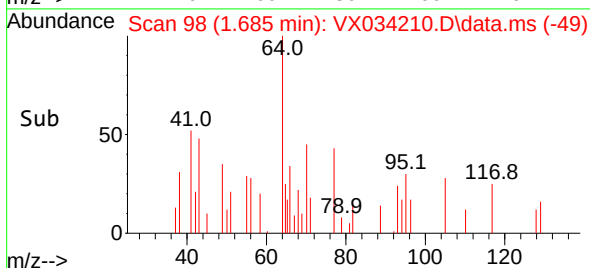
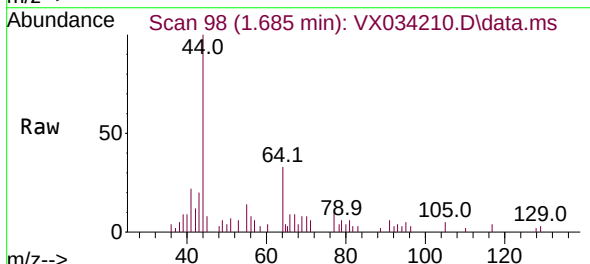
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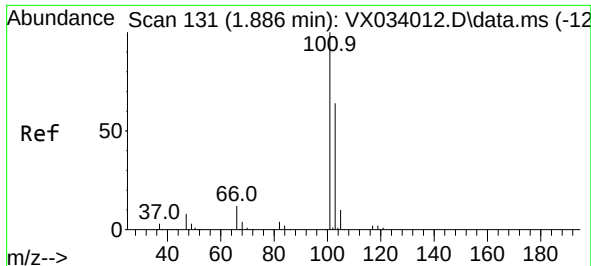
Reviewed By :John Carlone 02/22/2023
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#6
Chloroethane
Concen: 0.603 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034210.D
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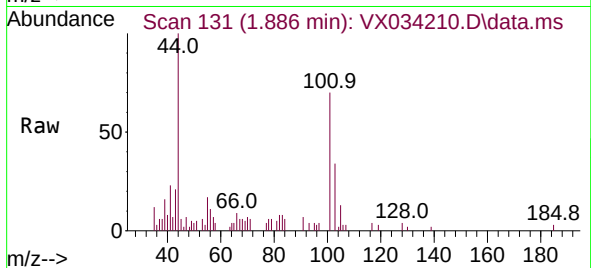
Tgt Ion: 64 Resp: 1088
Ion Ratio Lower Upper
64 100
66 23.7 26.1 39.1#





#7
 Trichlorofluoromethane
 Concen: 0.506 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034210.D
 Acq: 21 Feb 2023 15:30

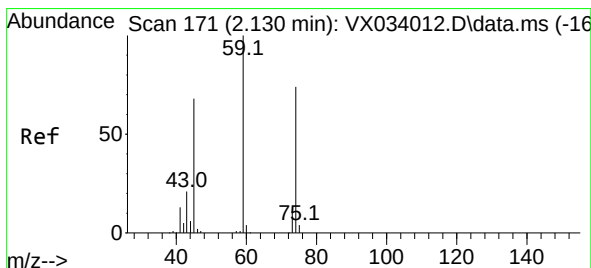
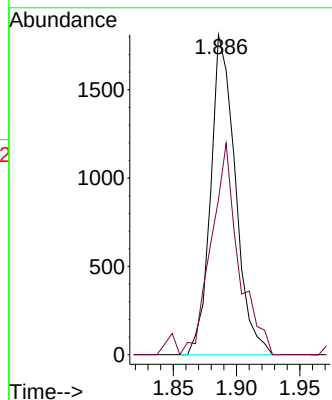
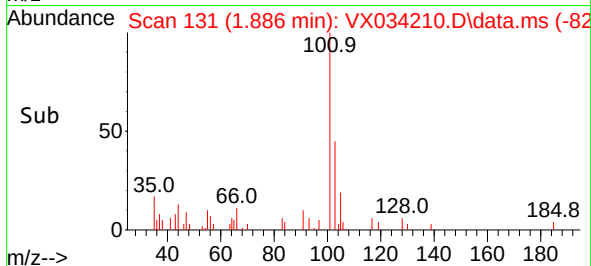
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



Tgt Ion:101 Resp: 2450
 Ion Ratio Lower Upper
 101 100
 103 48.4 50.6 75.8

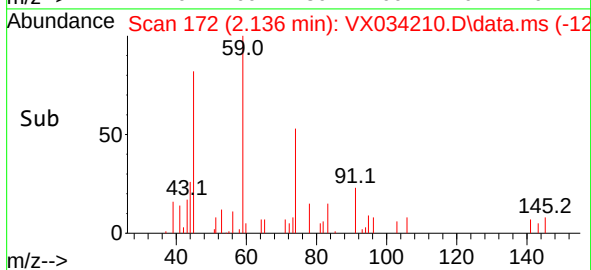
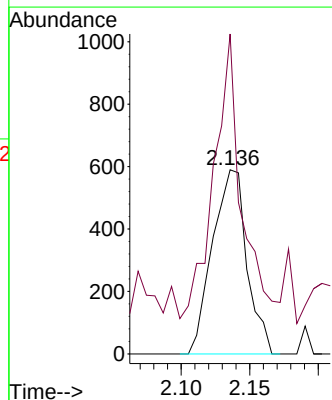
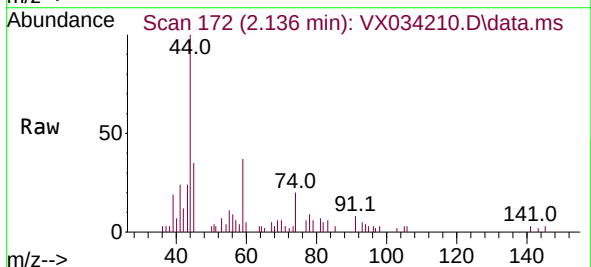
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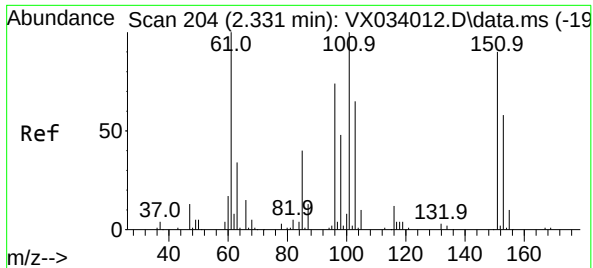
Reviewed By :John Carlone 02/22/2023
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#8
 Diethyl Ether
 Concen: 0.527 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX034210.D
 Acq: 21 Feb 2023 15:30

Tgt Ion: 74 Resp: 1031
 Ion Ratio Lower Upper
 74 100
 45 124.4 51.5 154.5





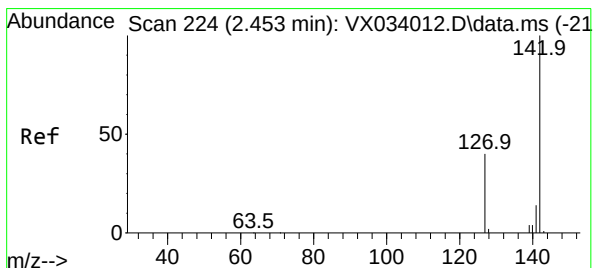
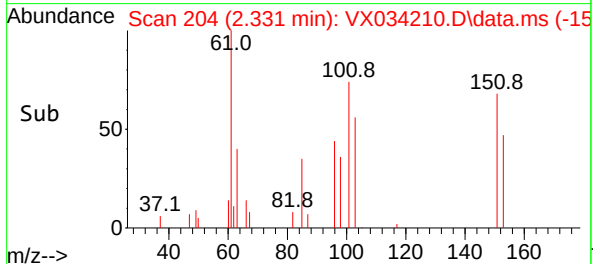
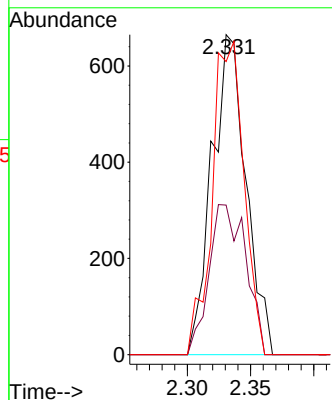
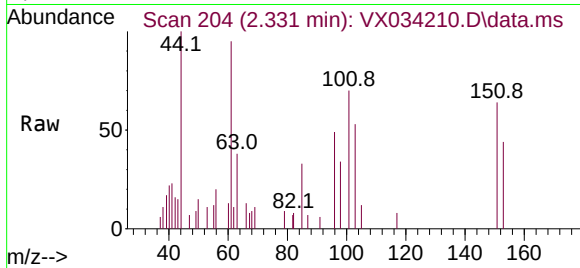
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.364 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:101 Resp: 1244
Ion Ratio Lower Upper
101 100
85 50.7 36.7 55.1
151 91.4 66.5 99.7

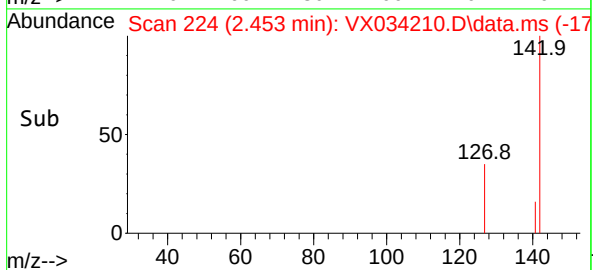
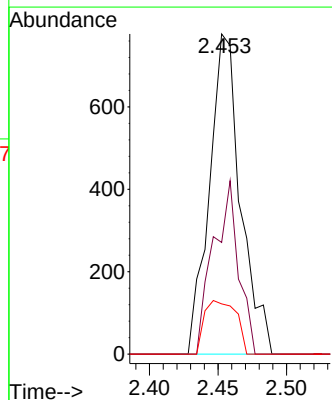
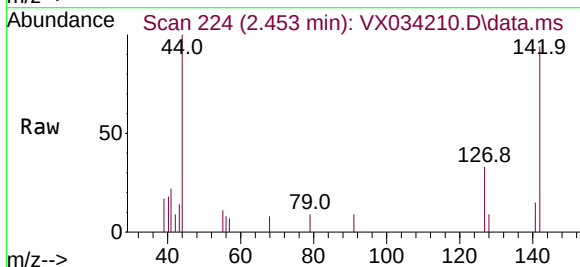
Manual Integrations
APPROVED

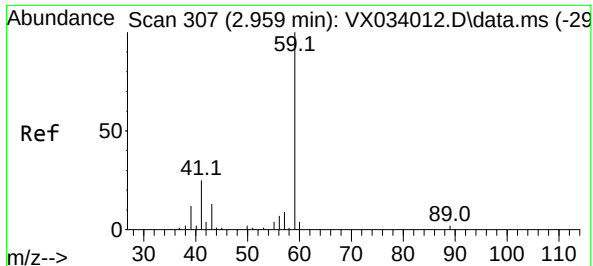
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 0.296 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion:142 Resp: 1234
Ion Ratio Lower Upper
142 100
127 43.6 37.3 55.9
141 16.9 11.5 17.3





#11

Tert butyl alcohol

Concen: 4.322 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 59 Resp: 4120

Ion Ratio Lower Upper

59 100

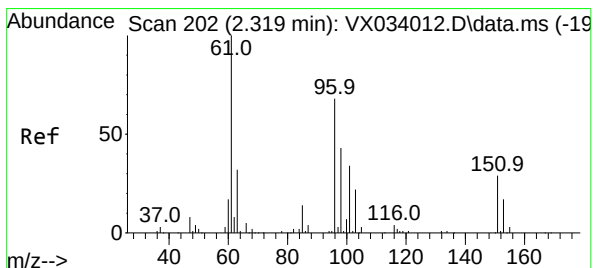
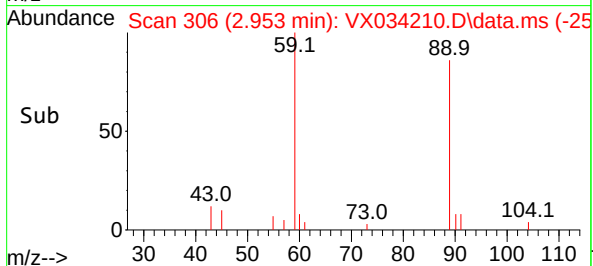
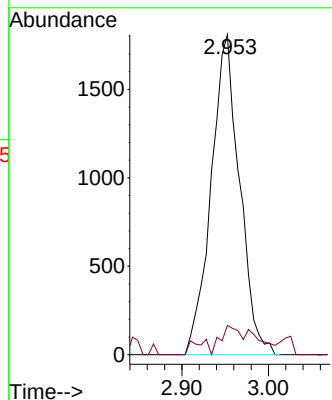
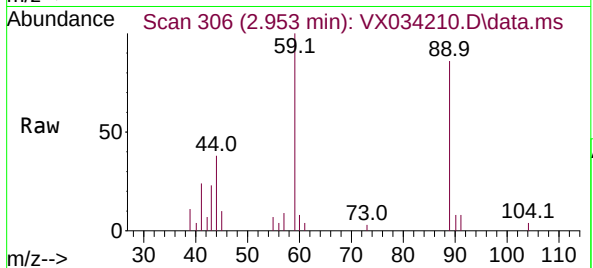
57 6.3 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#12

1,1-Dichloroethene

Concen: 0.431 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

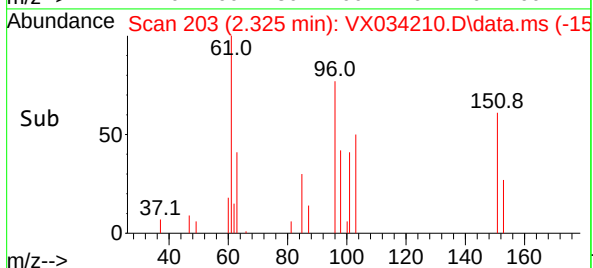
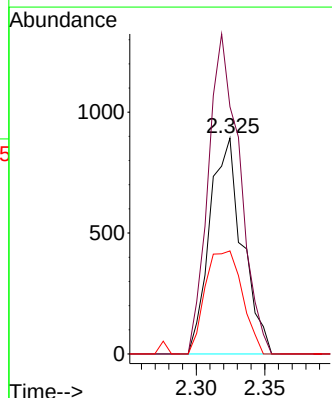
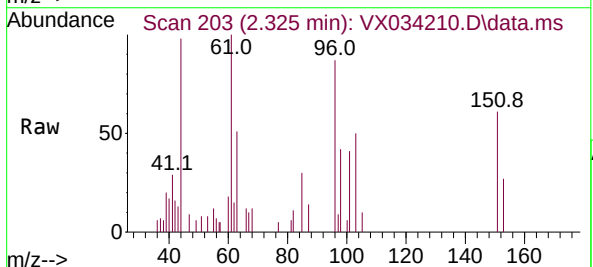
Tgt Ion: 96 Resp: 1476

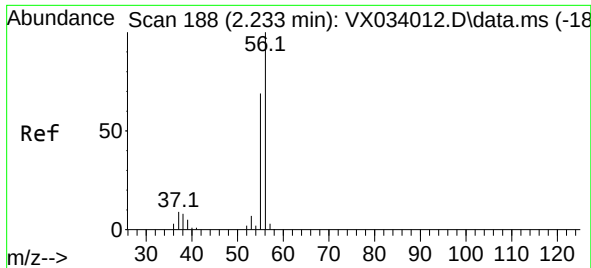
Ion Ratio Lower Upper

96 100

61 114.6 134.2 201.4#

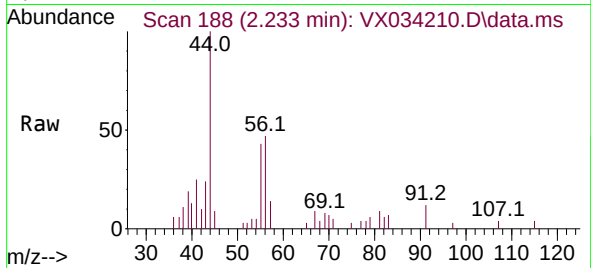
98 47.7 50.2 75.2#





#13
Acrolein
Concen: 3.068 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

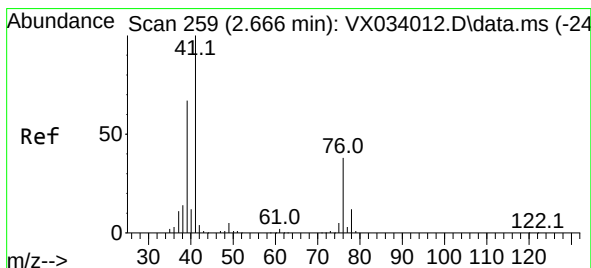
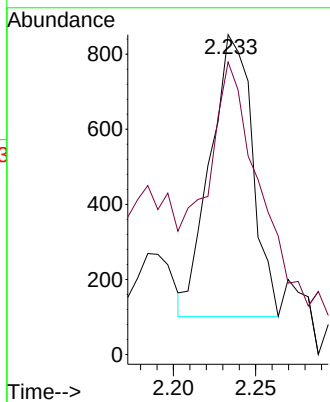
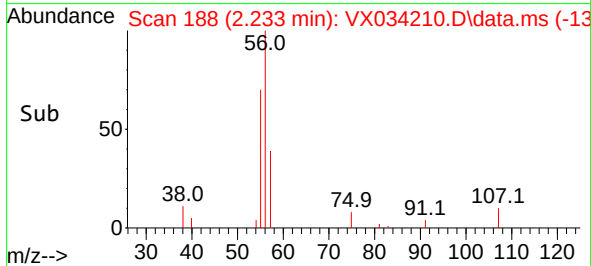
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 56 Resp: 133
Ion Ratio Lower Upper
56 100
55 108.6 56.3 84.5

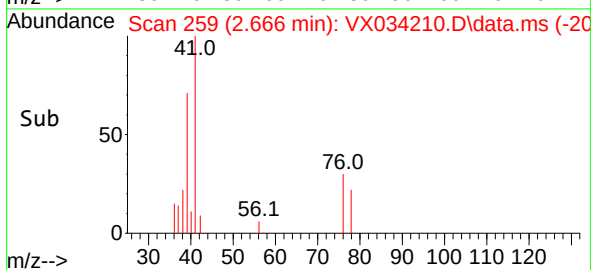
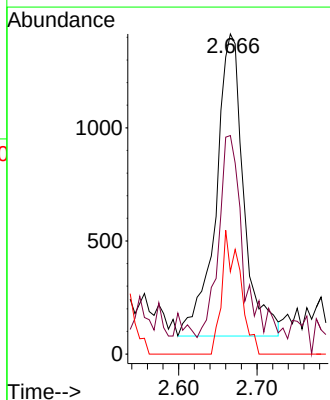
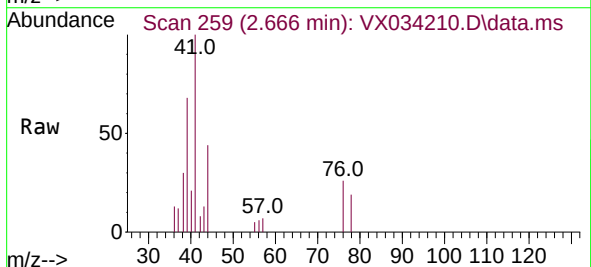
Manual Integrations
APPROVED

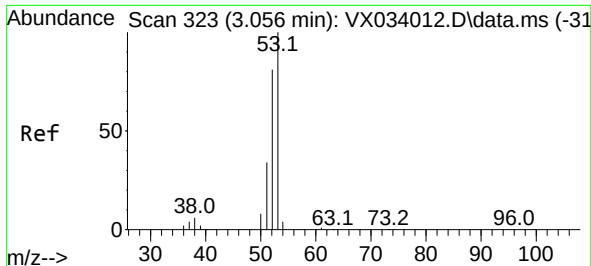
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#14
Allyl chloride
Concen: 0.453 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion: 41 Resp: 3291
Ion Ratio Lower Upper
41 100
39 56.5 59.0 88.4#
76 26.8 24.6 37.0





#15

Acrylonitrile

Concen: 1.983 ug/l

RT: 3.074 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX034210.D

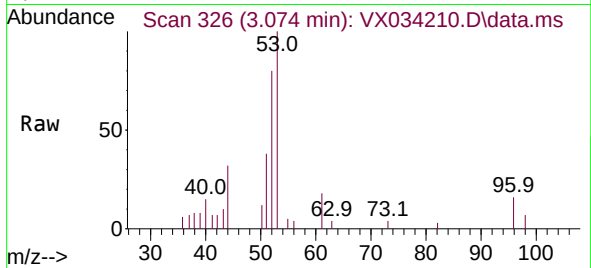
Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



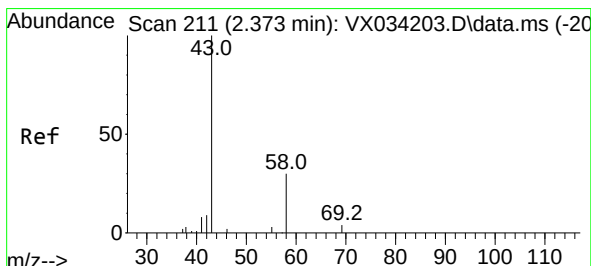
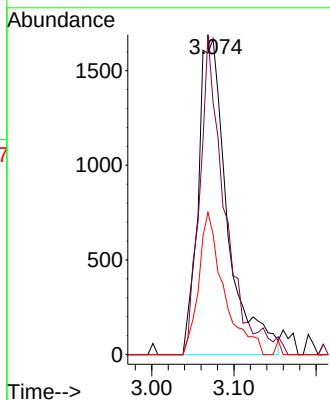
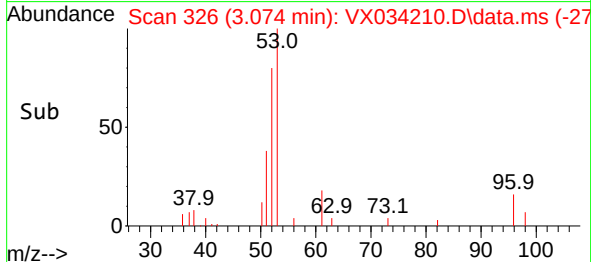
Tgt Ion:	53	Resp:	4129
Ion Ratio	100	Lower	Upper
53	100		
52	87.6	65.7	98.5
51	38.8	29.0	43.4

Manual Integrations

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#16

Acetone

Concen: 2.202 ug/l

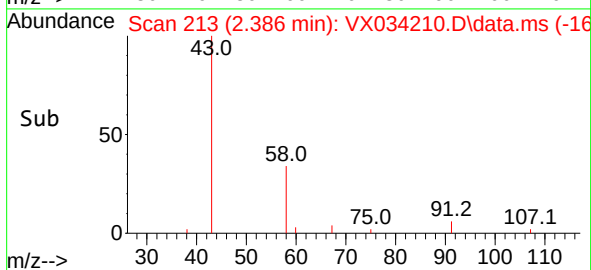
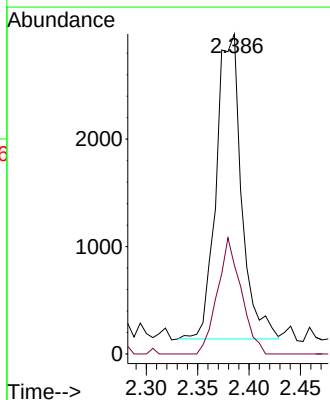
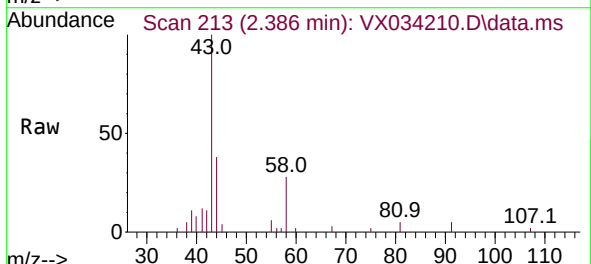
RT: 2.386 min Scan# 213

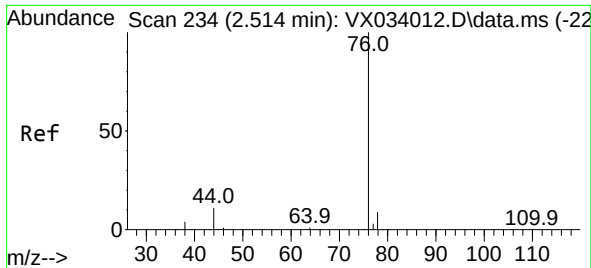
Delta R.T. 0.012 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Tgt Ion:	43	Resp:	4848
Ion Ratio	100	Lower	Upper
43	100		
58	29.1	22.6	33.8





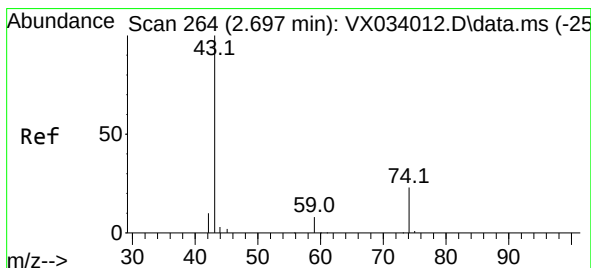
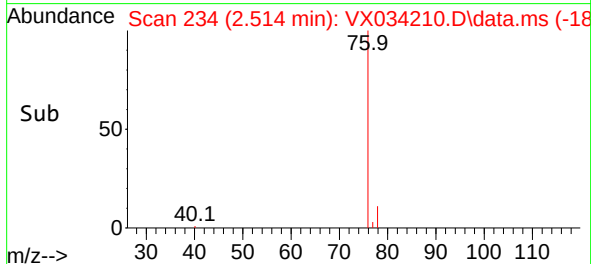
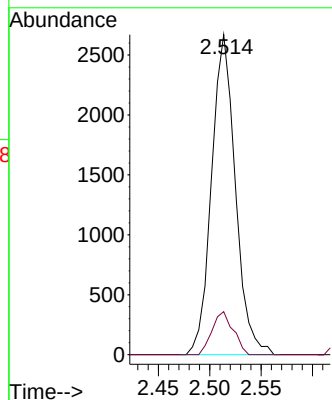
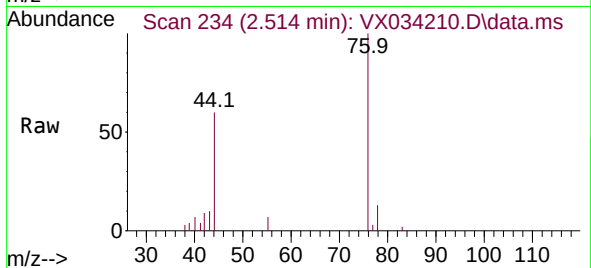
#17
Carbon Disulfide
Concen: 0.437 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 76 Resp: 4300
Ion Ratio Lower Upper
76 100
78 13.4 7.0 10.6

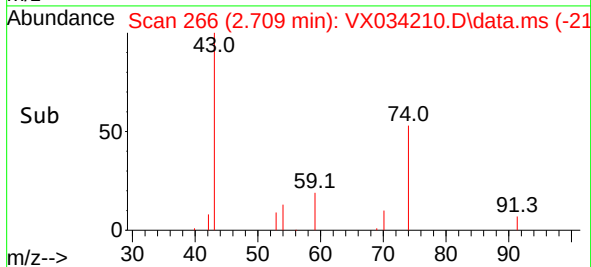
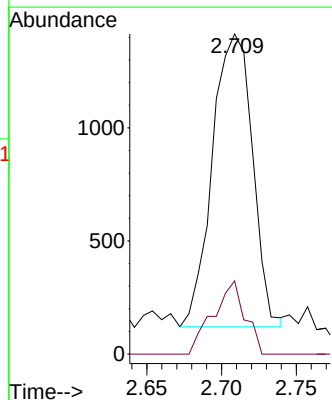
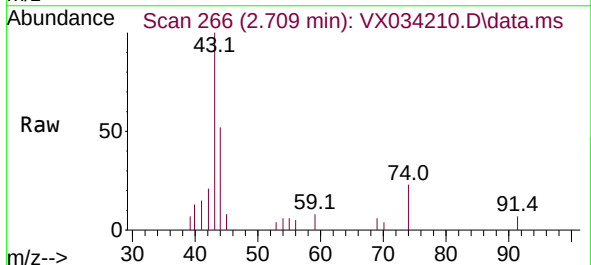
Manual Integrations
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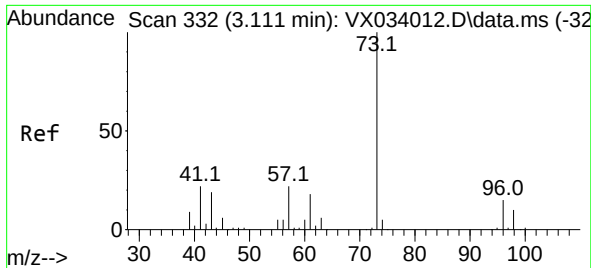
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#18
Methyl Acetate
Concen: 0.354 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion: 43 Resp: 2409
Ion Ratio Lower Upper
43 100
74 19.9 18.2 27.4





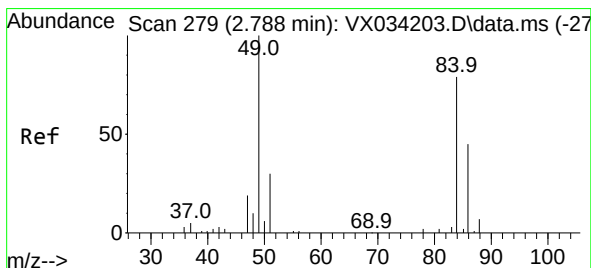
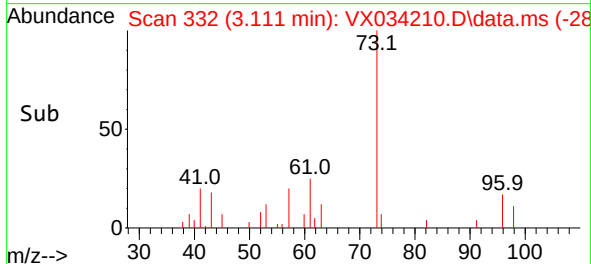
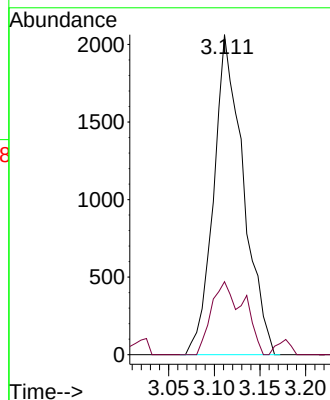
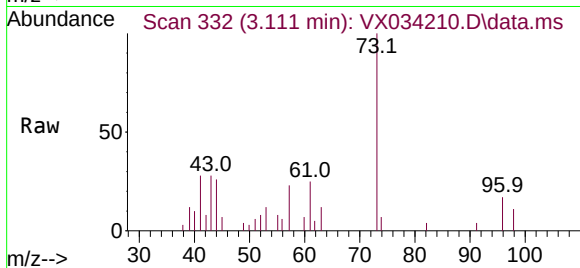
#19
Methyl tert-butyl Ether
Concen: 0.386 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 73 Resp: 466
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0

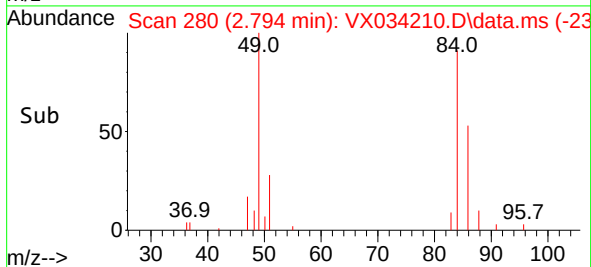
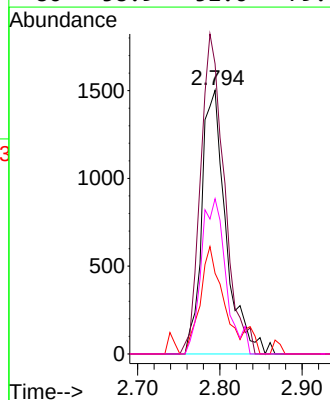
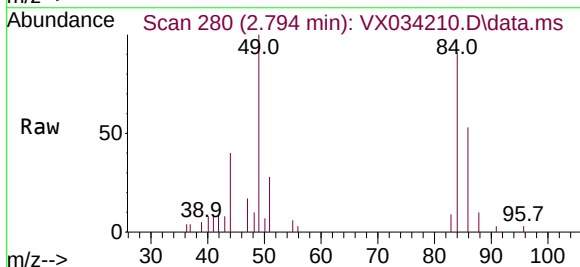
Manual Integrations
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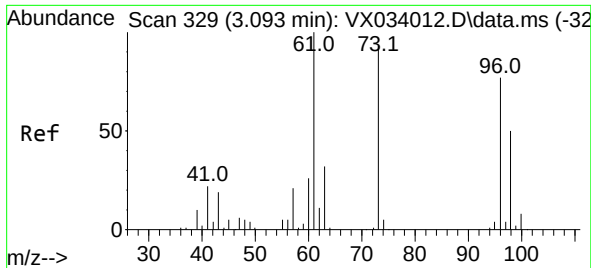
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 0.774 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

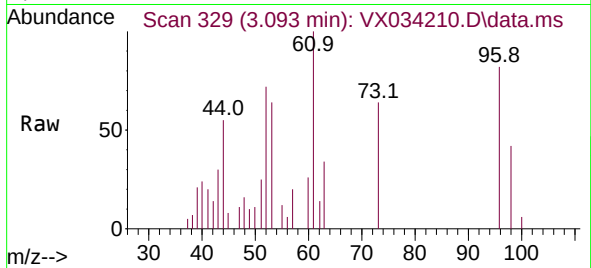
Tgt Ion: 84 Resp: 3071
Ion Ratio Lower Upper
84 100
49 110.1 101.1 151.7
51 30.6 31.0 46.6#
86 58.9 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 0.461 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

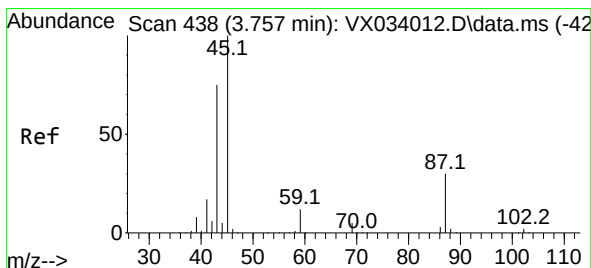
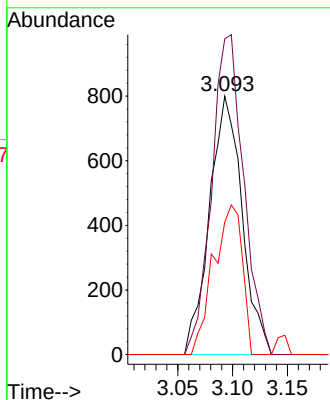
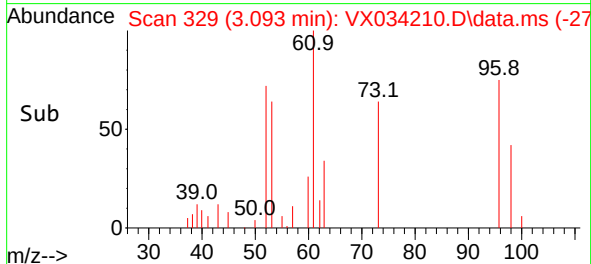
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



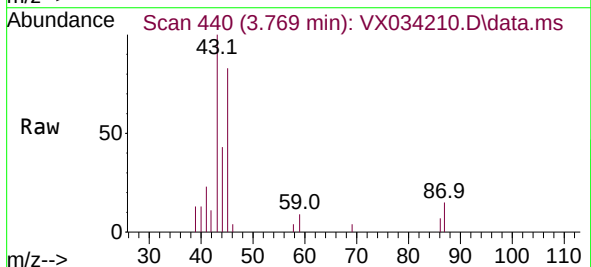
Tgt Ion: 96 Resp: 165
Ion Ratio Lower Upper
96 100
61 122.1 106.7 160.1
98 51.2 50.0 75.0

Manual Integrations
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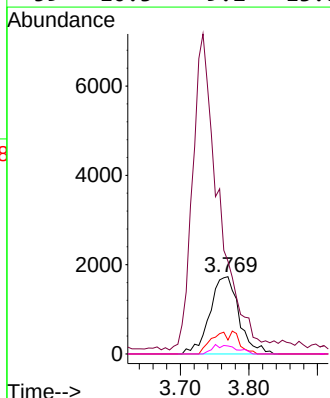
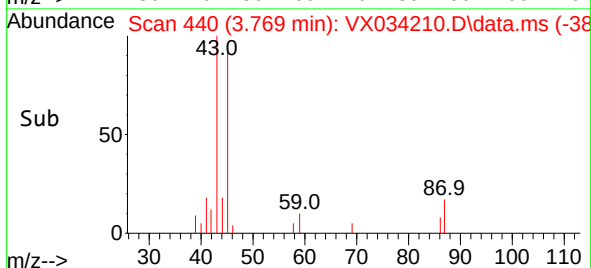
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

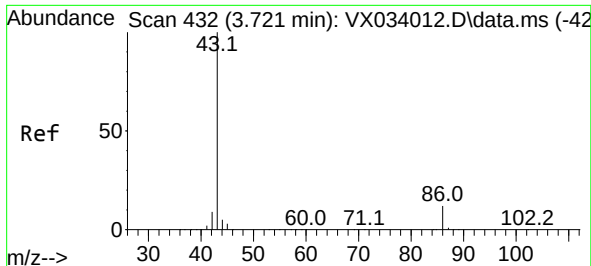


#22
Diisopropyl ether
Concen: 0.401 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.012 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30



Tgt Ion: 45 Resp: 5108
Ion Ratio Lower Upper
45 100
43 107.3 64.6 97.0#
87 18.0 21.9 32.9#
59 10.3 9.2 13.8





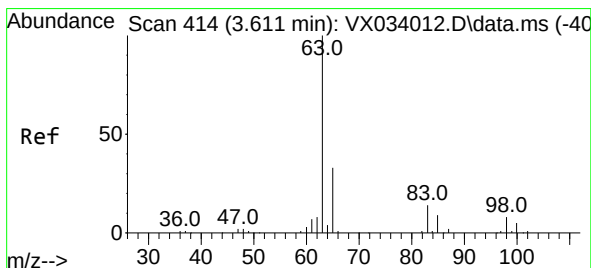
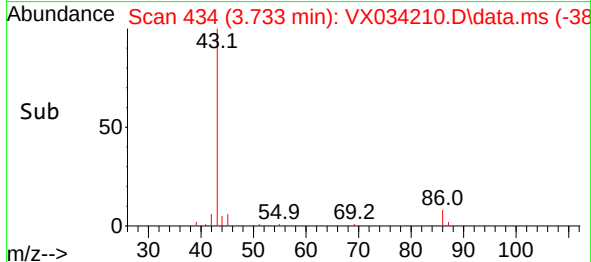
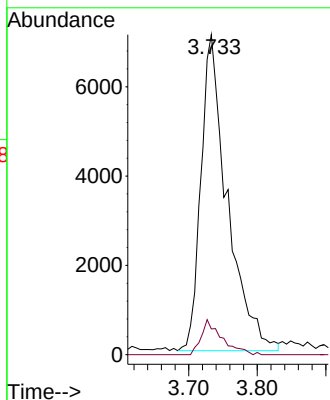
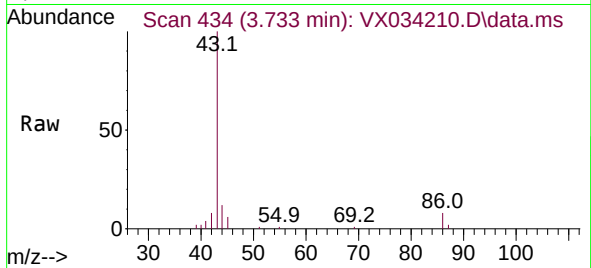
#23
 Vinyl Acetate
 Concen: 1.854 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX034210.D
 Acq: 21 Feb 2023 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 1893
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.4 12.6

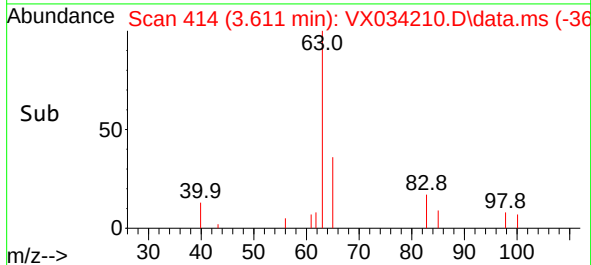
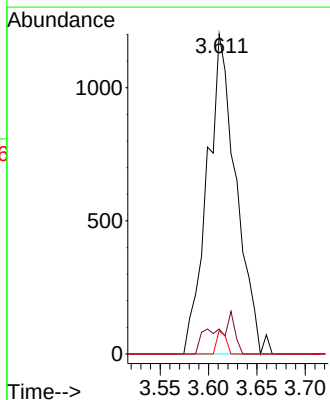
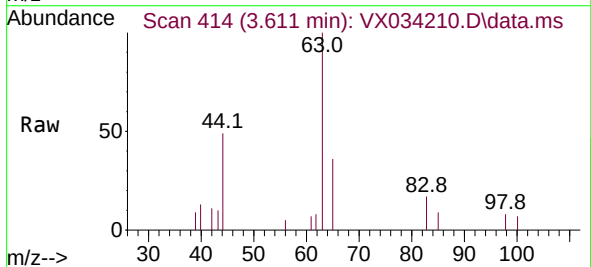
Manual Integrations
 APPROVED

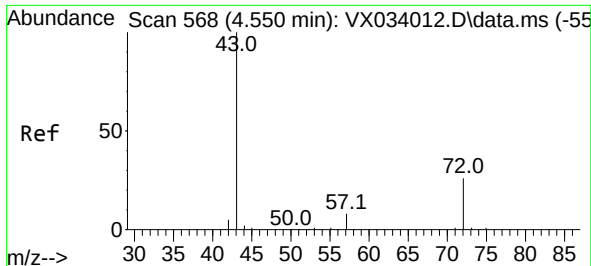
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#24
 1,1-Dichloroethane
 Concen: 0.358 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034210.D
 Acq: 21 Feb 2023 15:30

Tgt Ion: 63 Resp: 2503
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 7.2 2.4 7.2#





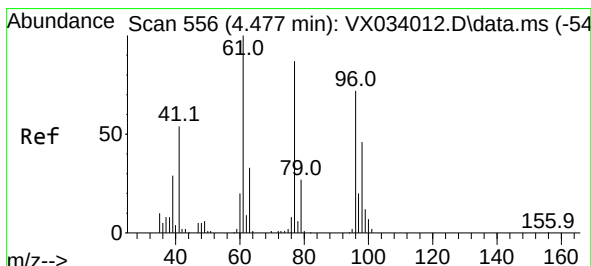
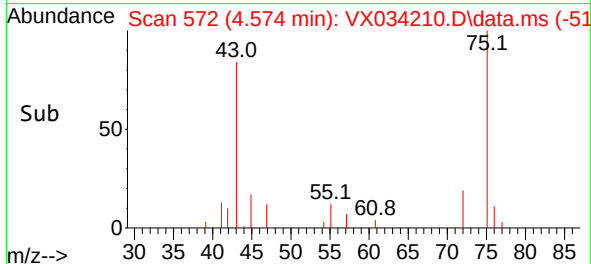
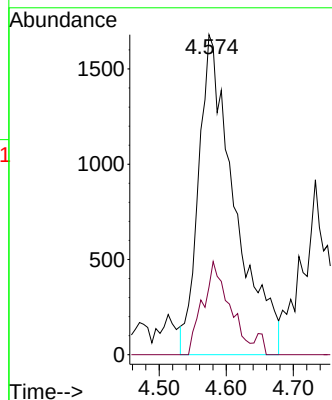
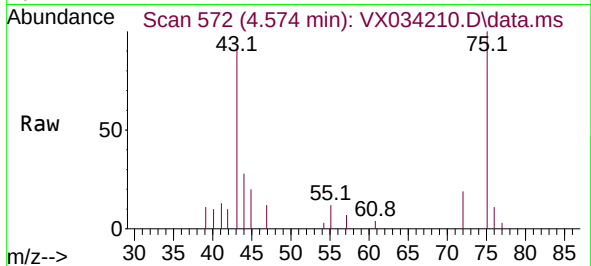
#25
2-Butanone
Concen: 1.972 ug/l m
RT: 4.574 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
72 21.2 19.4 29.2

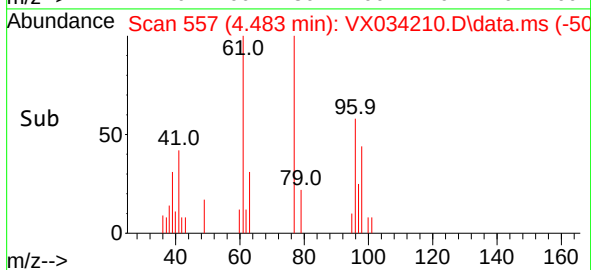
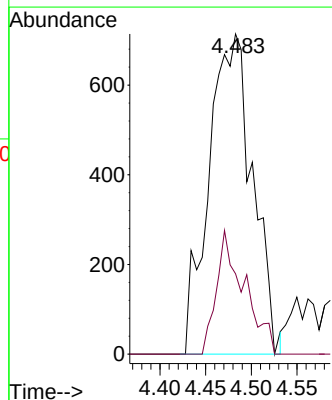
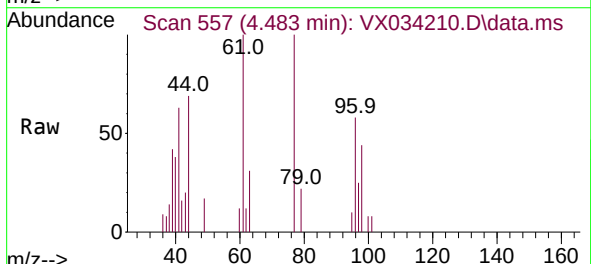
Manual Integrations
APPROVED

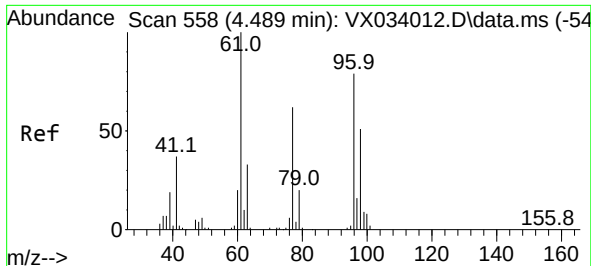
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 0.374 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.012 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion: 77 Resp: 2373
Ion Ratio Lower Upper
77 100
97 24.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.422 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

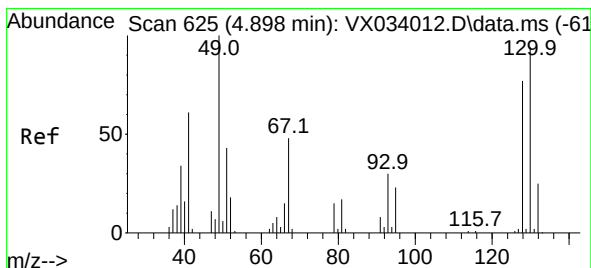
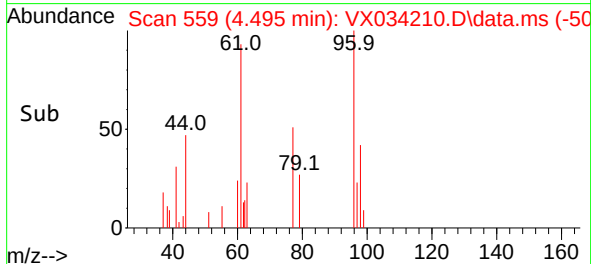
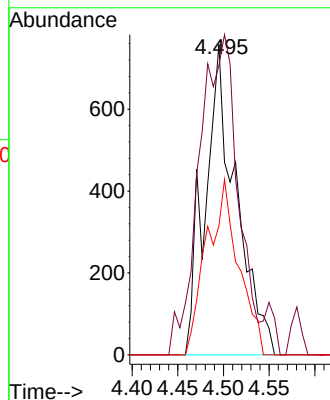
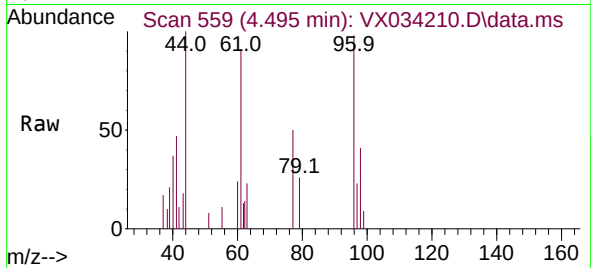
Tgt Ion: 96	Resp: 179
Ion Ratio	Lower Upper
96 100	
61 129.9	0.0 277.6
98 58.1	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#28

Bromochloromethane

Concen: 0.419 ug/l

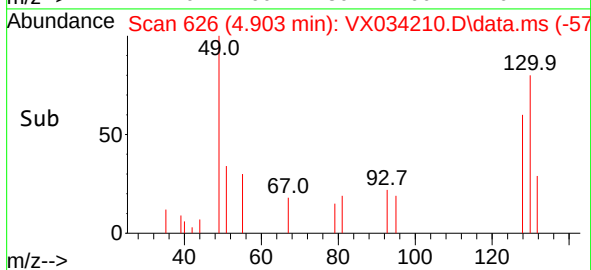
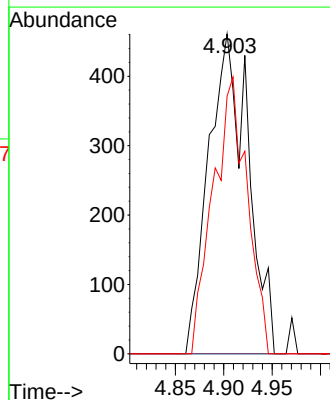
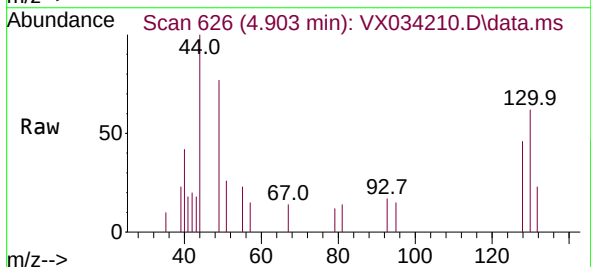
RT: 4.903 min Scan# 626

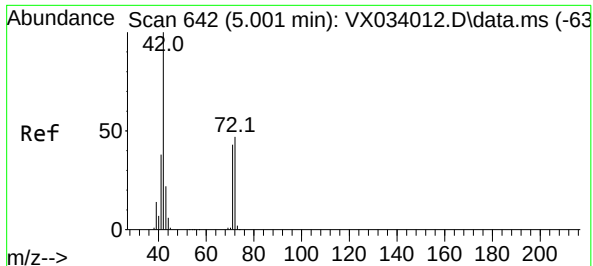
Delta R.T. 0.012 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Tgt Ion: 49	Resp: 1309
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.6
130 74.3	68.5 102.7





#29

Tetrahydrofuran

Concen: 2.233 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX034210.D

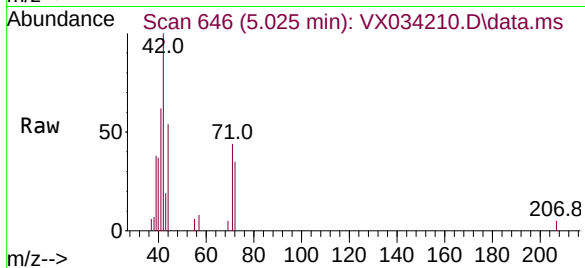
Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



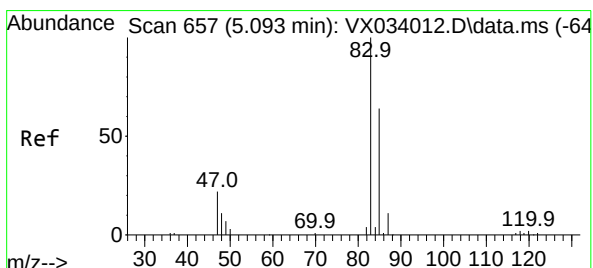
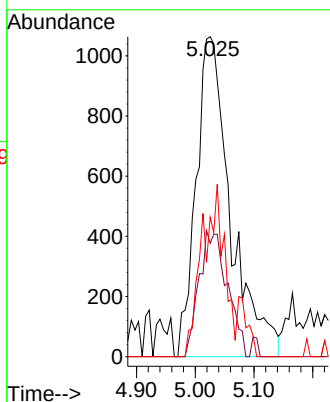
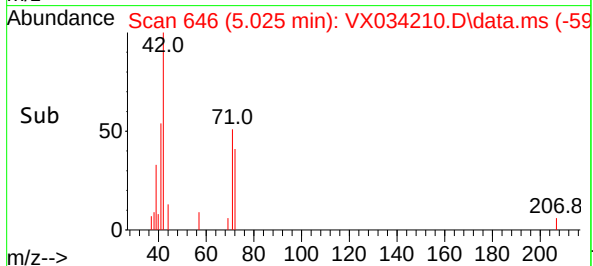
Tgt Ion: 42	Resp: 4339
Ion Ratio	Lower Upper
42	100
72	32.3 34.8 52.2
71	13.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 0.436 ug/l

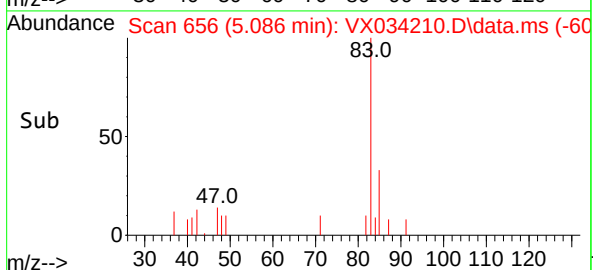
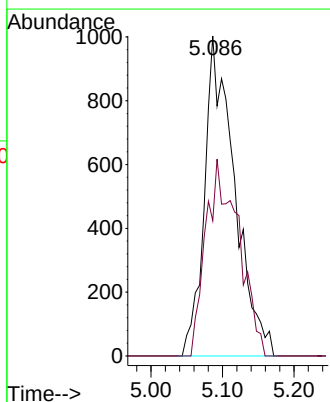
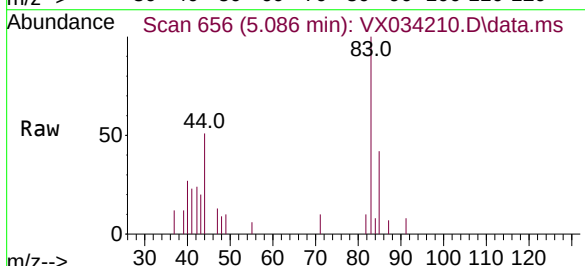
RT: 5.086 min Scan# 656

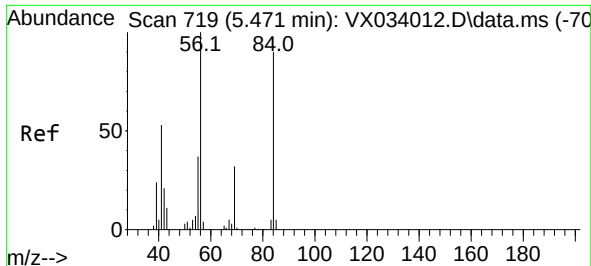
Delta R.T. -0.006 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

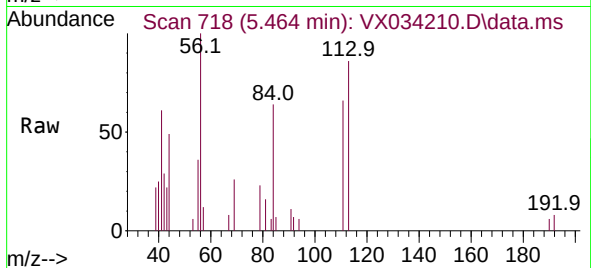
Tgt Ion: 83	Resp: 2930
Ion Ratio	Lower Upper
83	100
85	42.3 52.1 78.1





#31
Cyclohexane
Concen: 0.458 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

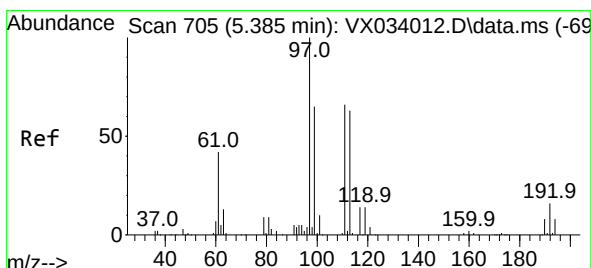
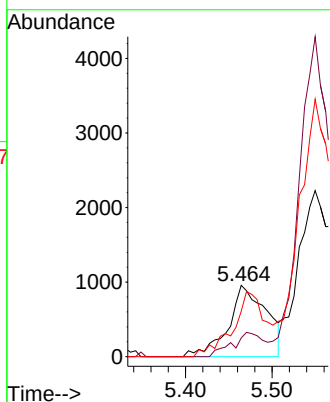
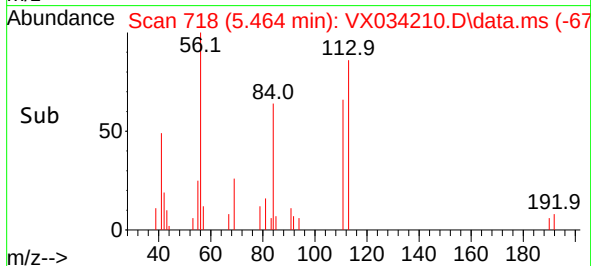
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



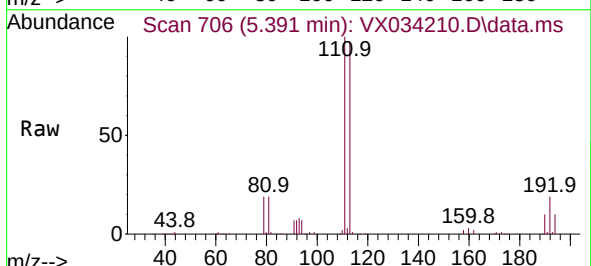
Tgt Ion: 56 Resp: 2919
Ion Ratio Lower Upper
56 100
69 26.2 24.6 37.0
84 63.7 71.0 106.6

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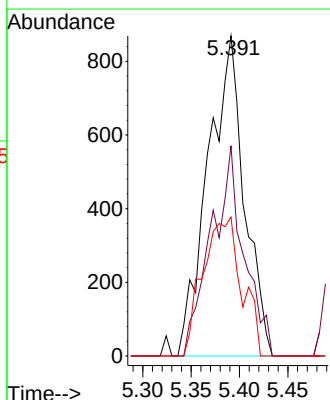
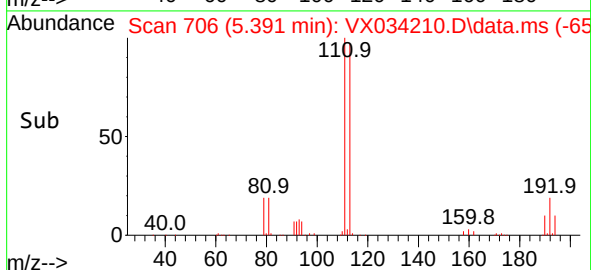
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

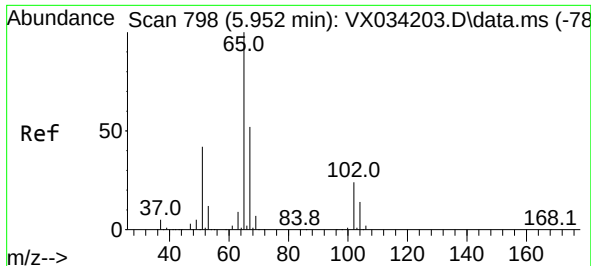


#32
1,1,1-Trichloroethane
Concen: 0.378 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30



Tgt Ion: 97 Resp: 2275
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5#
61 46.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.751 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 65 Resp: 19952

Ion Ratio Lower Upper

65 100

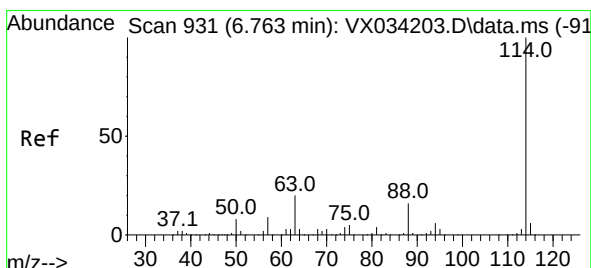
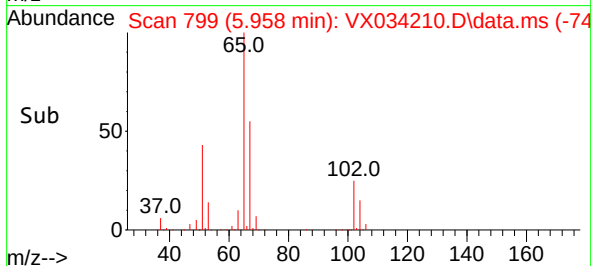
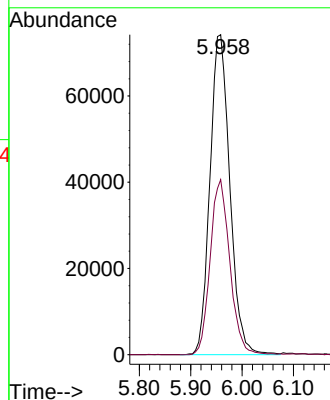
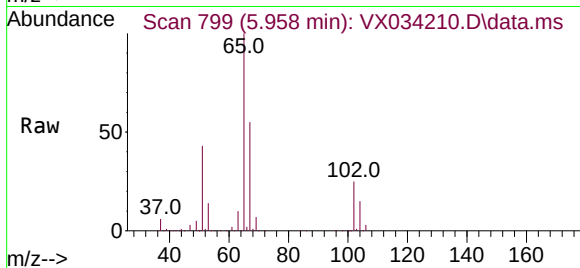
67 53.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

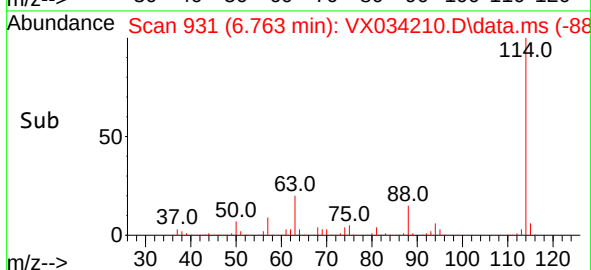
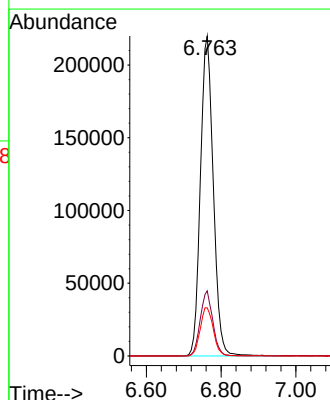
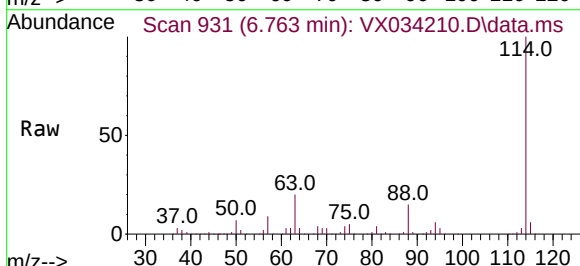
Tgt Ion:114 Resp: 524473

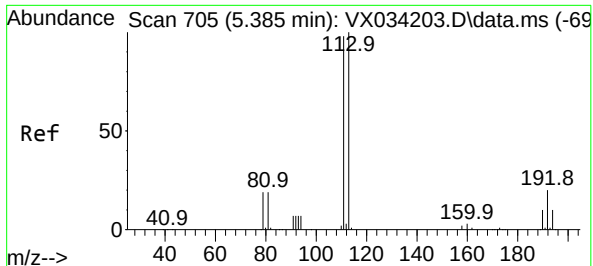
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

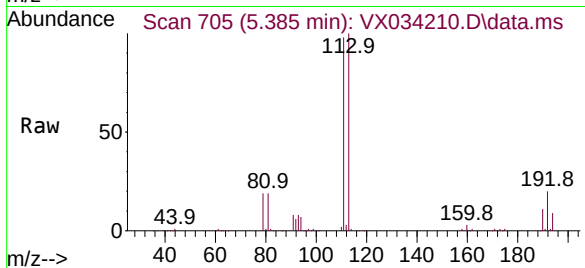
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.084 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

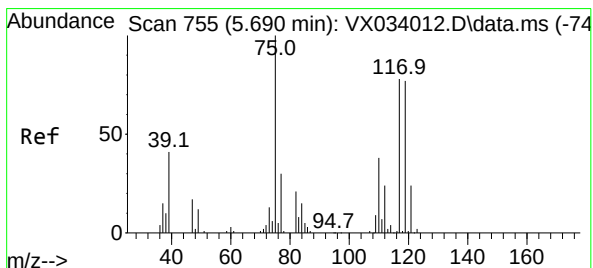
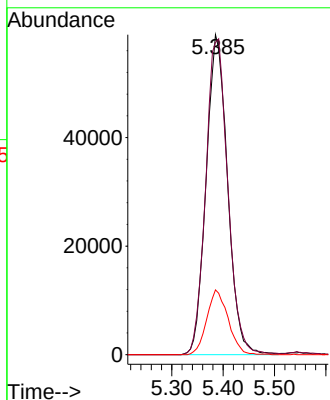
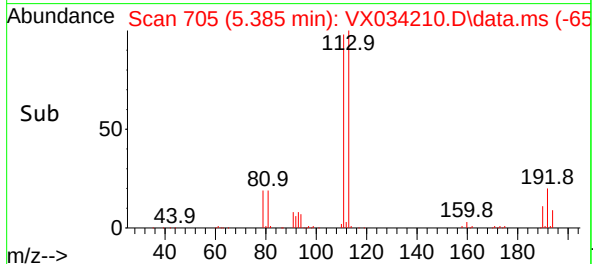
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 113 Resp: 171028
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 20.1 19.0 28.4

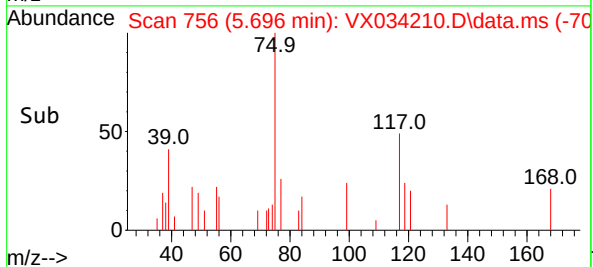
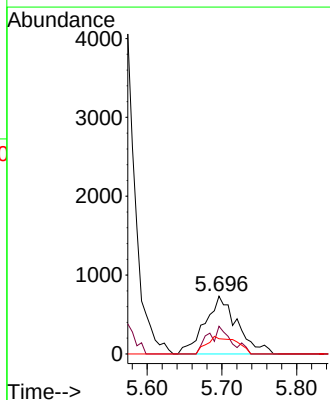
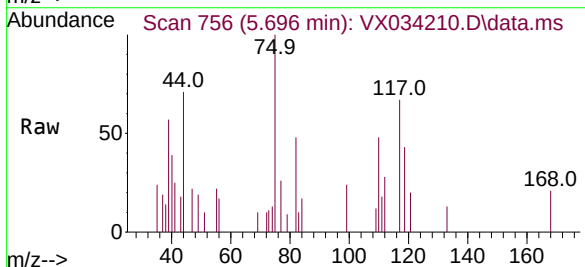
Manual Integrations
APPROVED

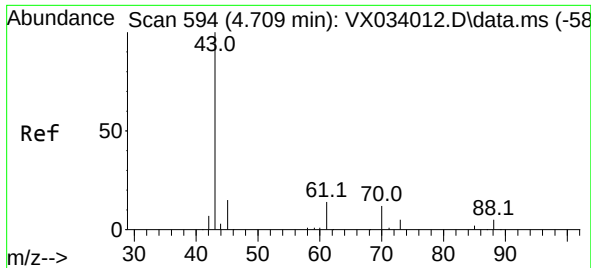
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#36
1,1-Dichloropropene
Concen: 0.439 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion: 75 Resp: 2219
Ion Ratio Lower Upper
75 100
110 33.8 18.8 56.4
77 27.3 25.1 37.7





#37

Ethyl Acetate

Concen: 0.419 ug/l

RT: 4.733 min Scan# 594

Delta R.T. 0.024 min

Lab File: VX034210.D

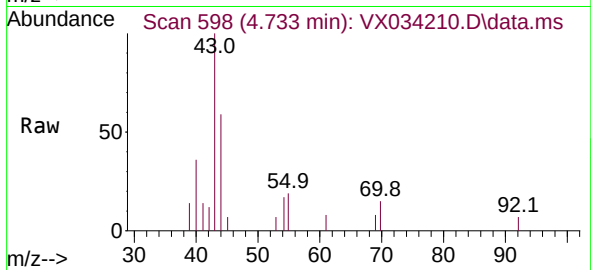
Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



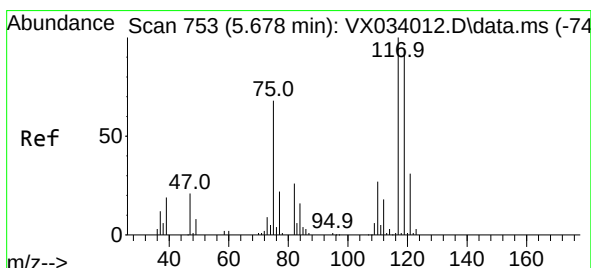
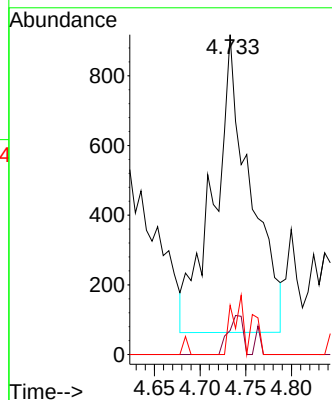
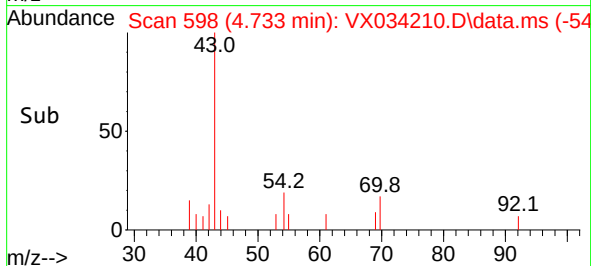
Tgt Ion: 43	Resp: 236
Ion Ratio	Lower Upper
43	100
61	5.3 11.1 16.7
70	6.0 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#38

Carbon Tetrachloride

Concen: 0.395 ug/l

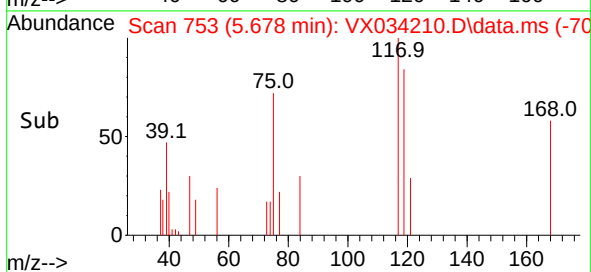
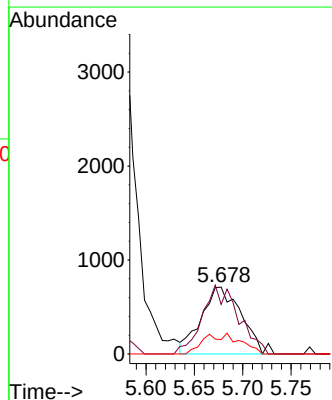
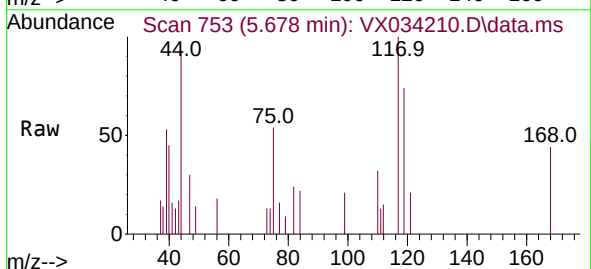
RT: 5.678 min Scan# 753

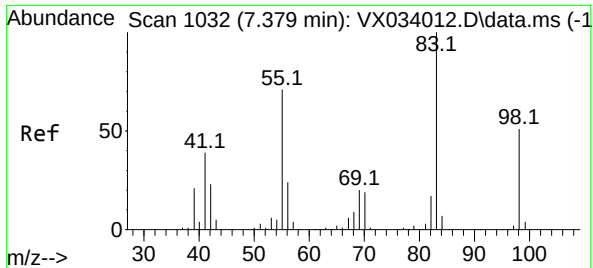
Delta R.T. 0.006 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Tgt Ion: 117	Resp: 2051
Ion Ratio	Lower Upper
117	100
119	74.2 78.0 117.0#
121	21.5 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.351 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

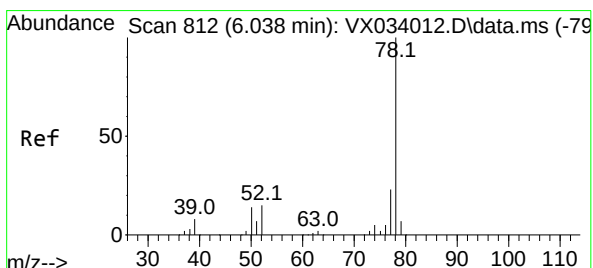
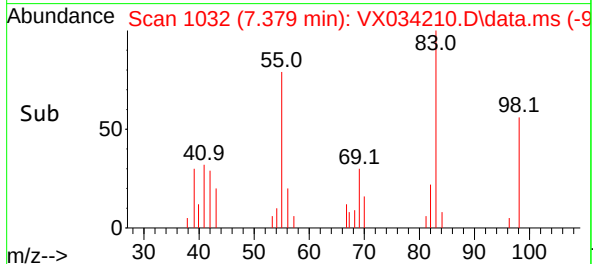
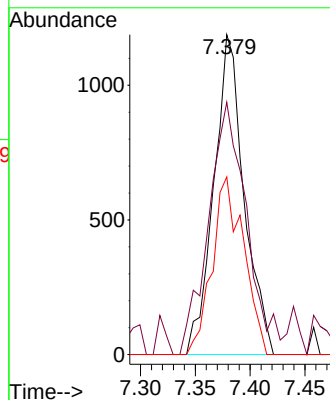
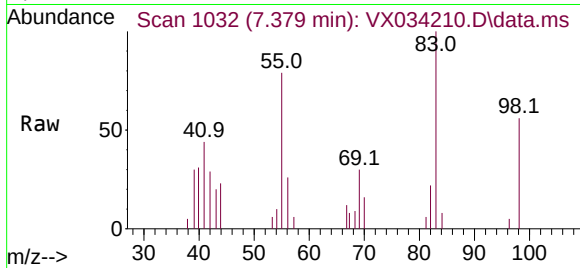
Tgt Ion: 83	Resp: 228
Ion Ratio	Lower Upper
83	100
55	78.9 61.8 92.6
98	55.6 39.3 58.9

Manual Integrations

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 0.381 ug/l

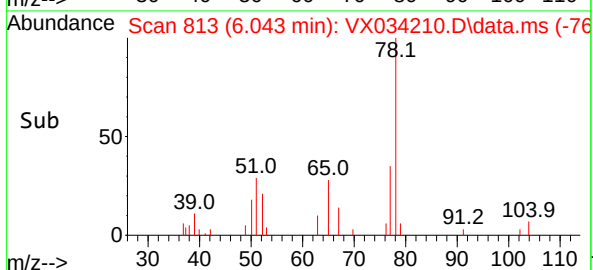
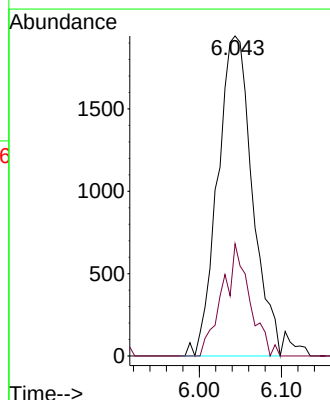
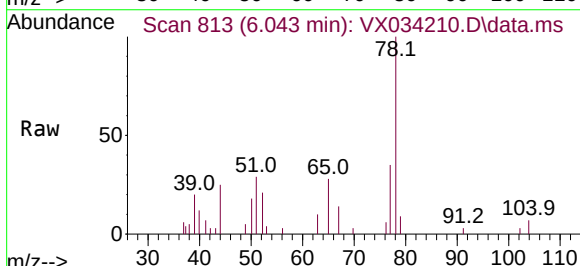
RT: 6.043 min Scan# 813

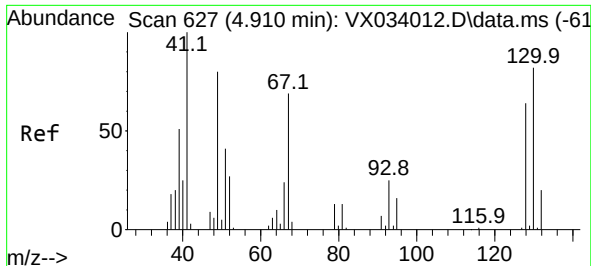
Delta R.T. 0.006 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

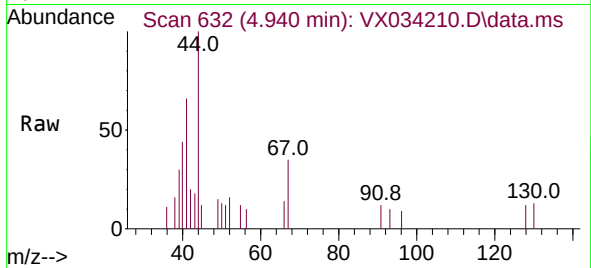
Tgt Ion: 78	Resp: 5701
Ion Ratio	Lower Upper
78	100
77	35.0 19.0 28.4#





#41
Methacrylonitrile
Concen: 0.211 ug/l m
RT: 4.940 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

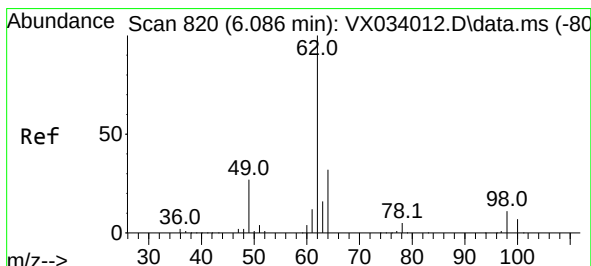
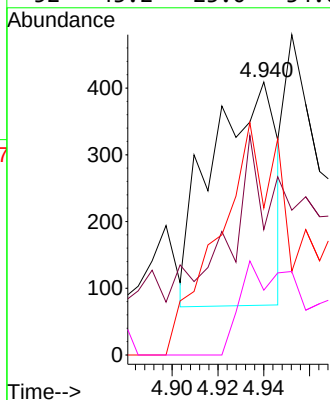
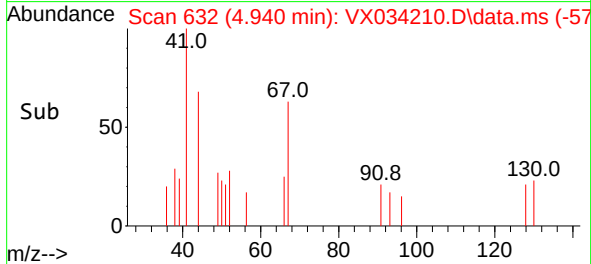
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 41 Resp: 662
Ion Ratio Lower Upper
41 100
39 77.8 43.8 65.6
67 162.7 54.8 82.2
52 43.2 23.0 34.6

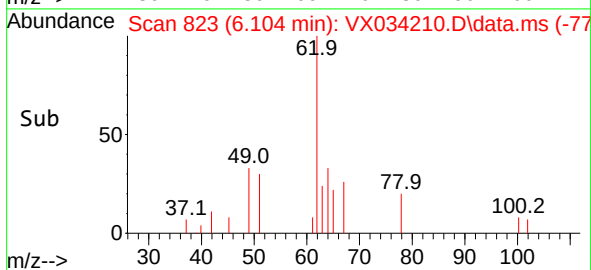
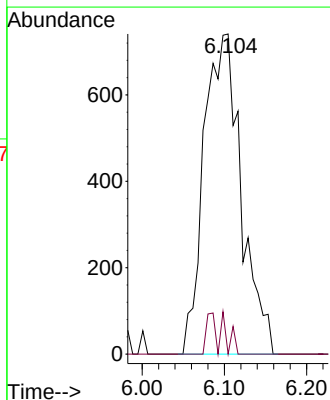
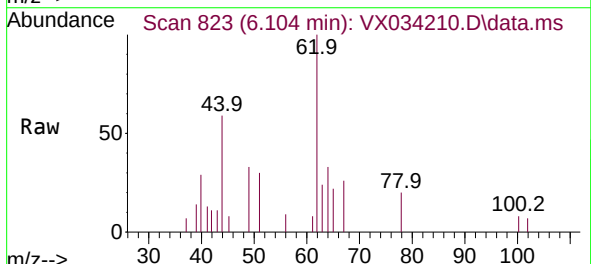
Manual Integrations
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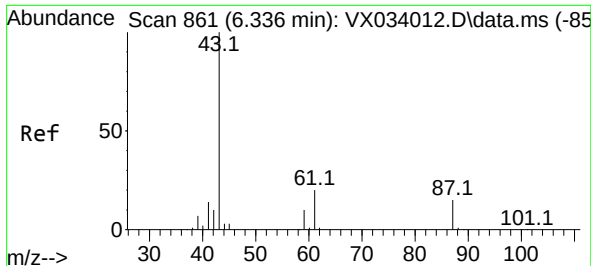
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#42
1,2-Dichloroethane
Concen: 0.443 ug/l
RT: 6.104 min Scan# 823
Delta R.T. 0.018 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion: 62 Resp: 2333
Ion Ratio Lower Upper
62 100
98 3.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 0.322 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX034210.D

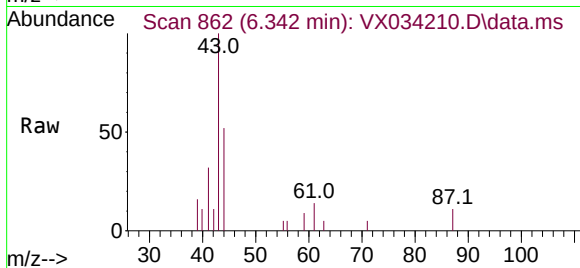
Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



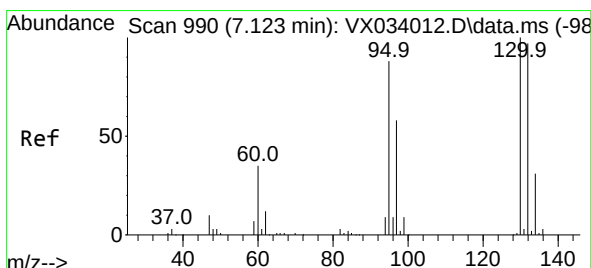
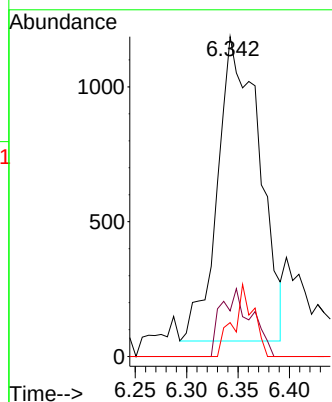
Tgt Ion: 43	Resp: 320
Ion Ratio	Lower Upper
43	100
61	16.1 15.7 23.5
87	11.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#44

Trichloroethene

Concen: 0.453 ug/l

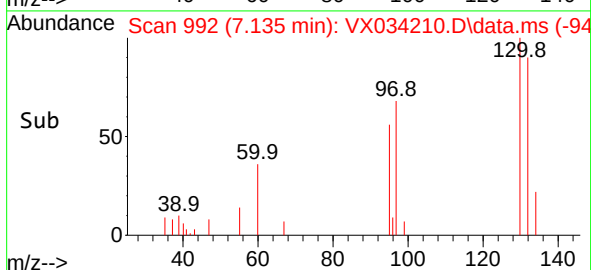
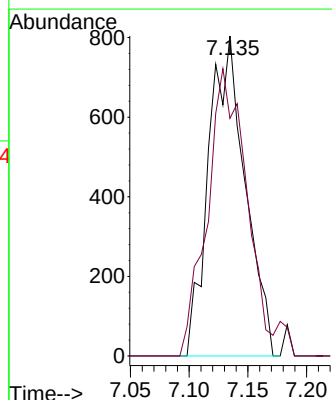
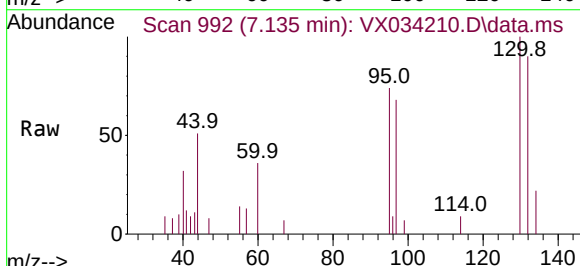
RT: 7.135 min Scan# 992

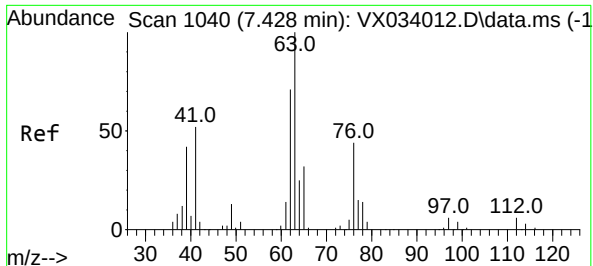
Delta R.T. 0.012 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Tgt Ion:130	Resp: 1739
Ion Ratio	Lower Upper
130	100
95	74.3 0.0 182.6





#45

1,2-Dichloropropane

Concen: 0.380 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 63 Resp: 151

Ion Ratio Lower Upper

63 100

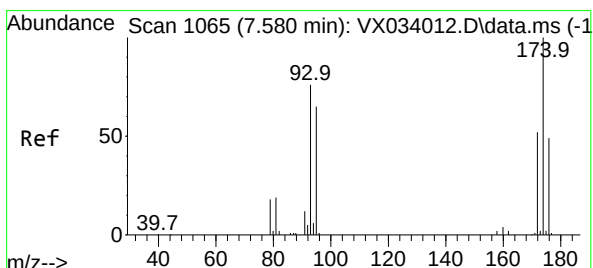
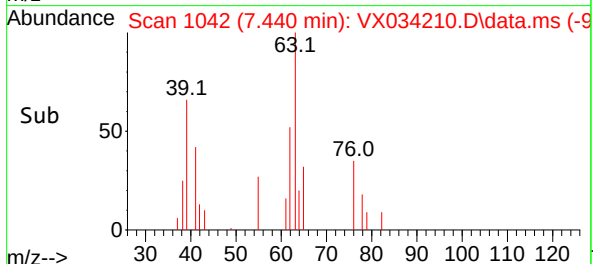
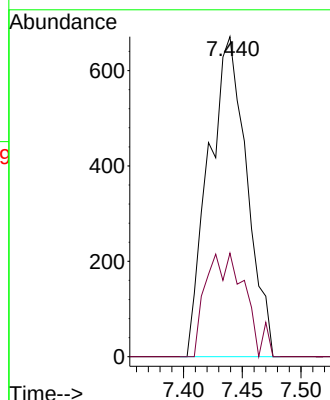
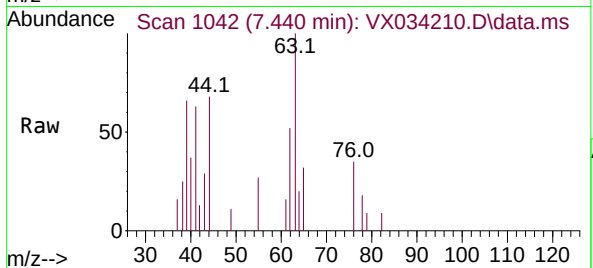
65 32.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 0.406 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

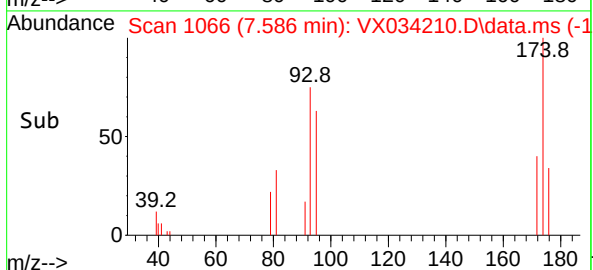
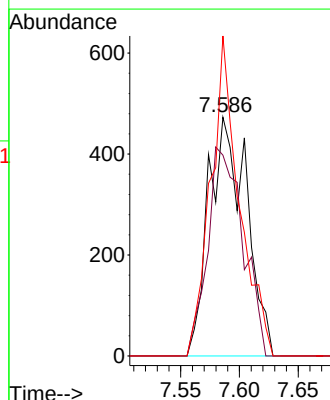
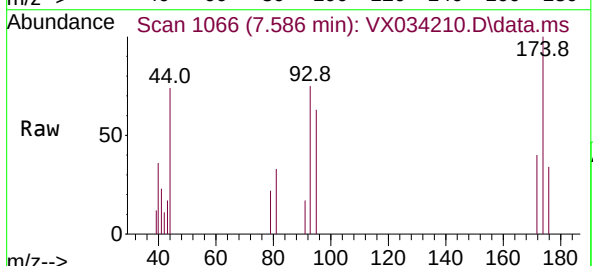
Tgt Ion: 93 Resp: 1064

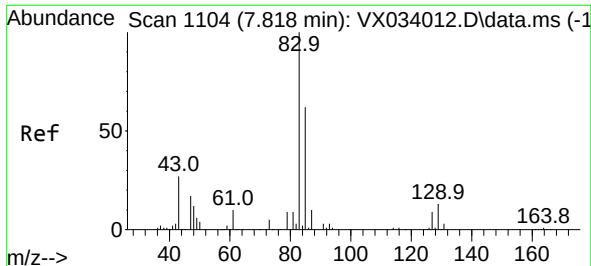
Ion Ratio Lower Upper

93 100

95 81.6 67.6 101.4

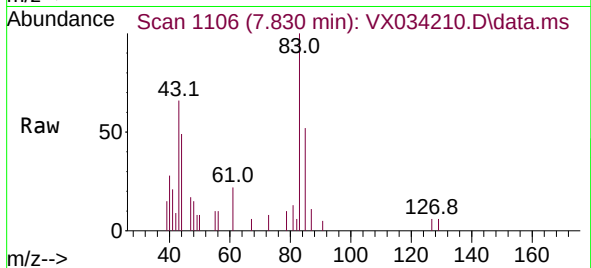
174 100.8 97.4 146.0





#47
Bromodichloromethane
Concen: 0.358 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

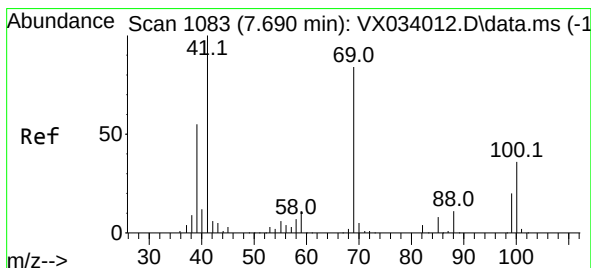
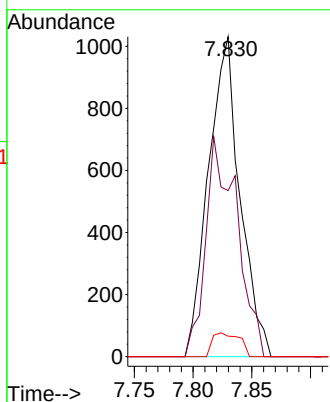
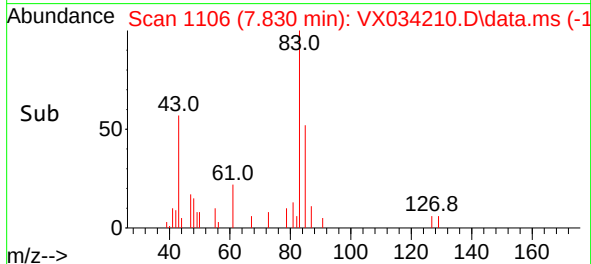
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 83 Resp: 1929
Ion Ratio Lower Upper
83 100
85 51.9 49.8 74.6
127 6.4 7.0 10.4

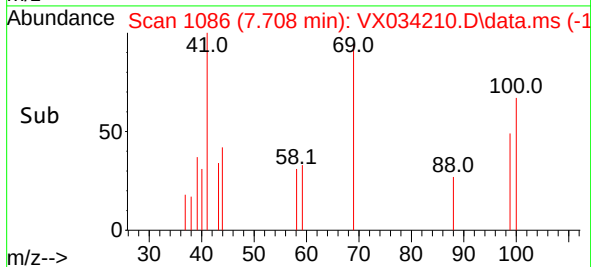
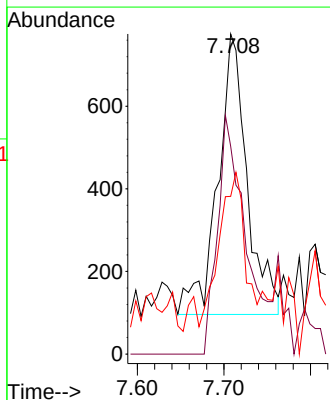
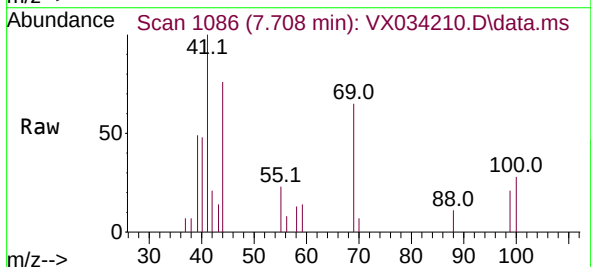
Manual Integrations
APPROVED

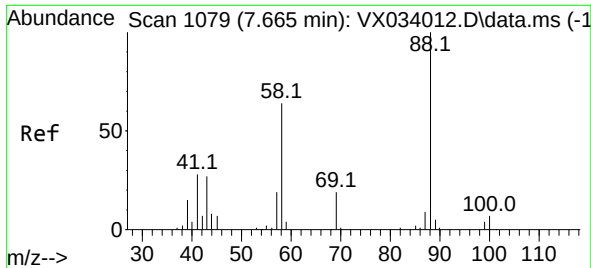
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#48
Methyl methacrylate
Concen: 0.338 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion: 41 Resp: 1597
Ion Ratio Lower Upper
41 100
69 79.9 63.1 94.7
39 50.8 43.2 64.8





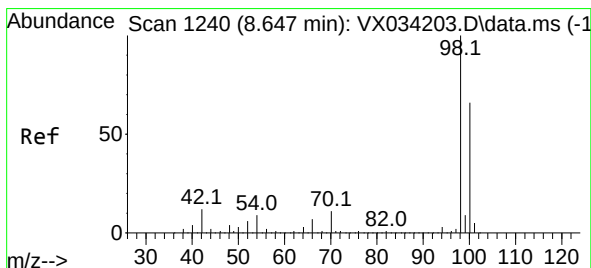
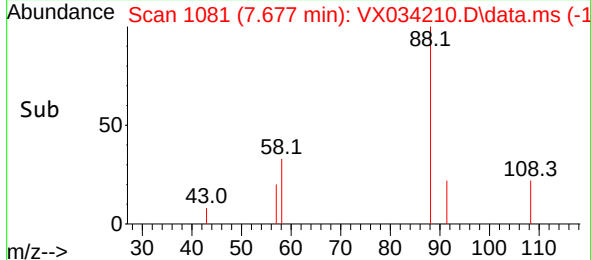
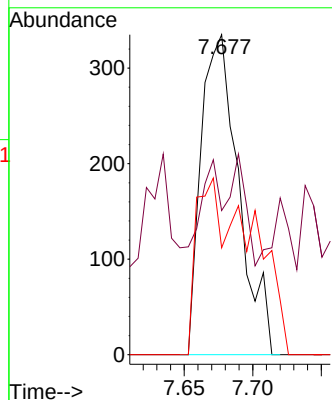
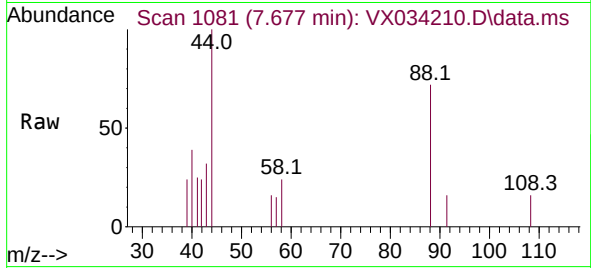
#49
1,4-Dioxane
Concen: 6.756 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.024 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 43.8 56.5 84.7

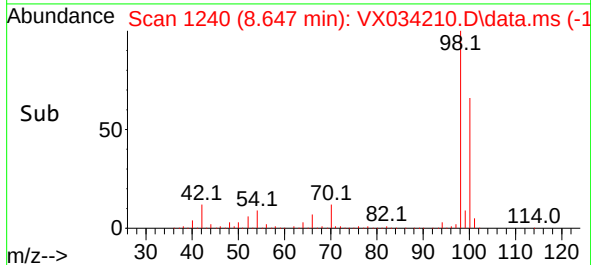
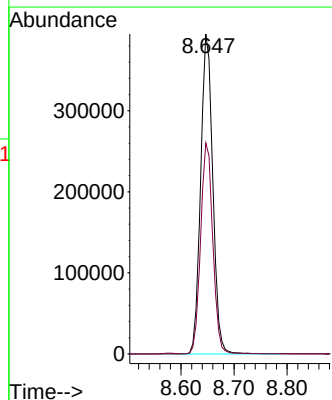
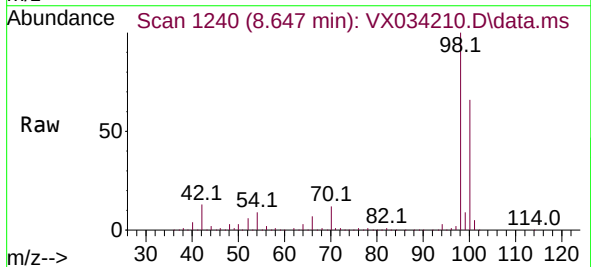
Manual Integrations
APPROVED

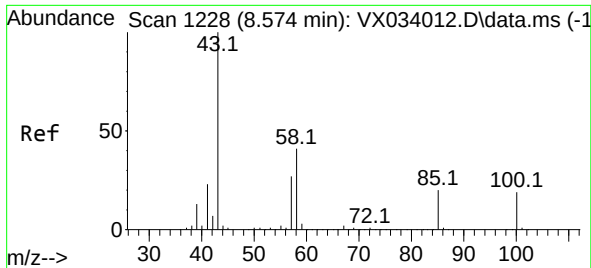
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#50
Toluene-d8
Concen: 51.234 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

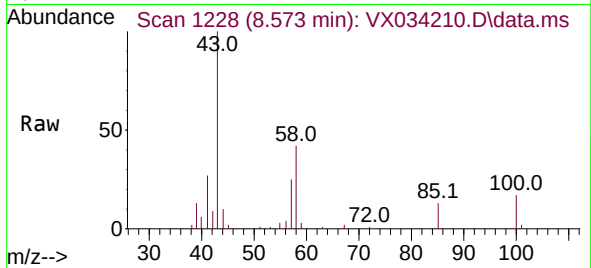
Tgt Ion: 98 Resp: 628145
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 1.948 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

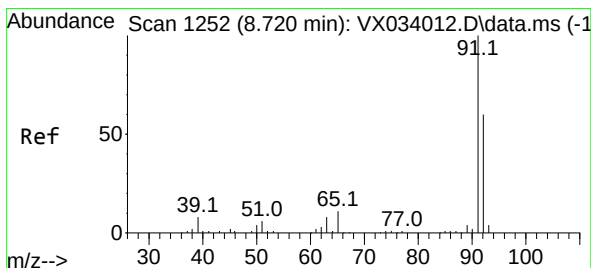
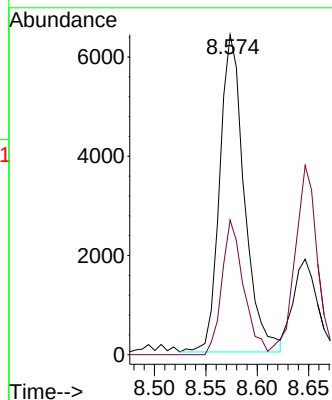
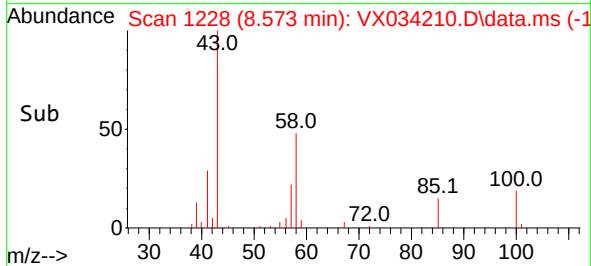
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



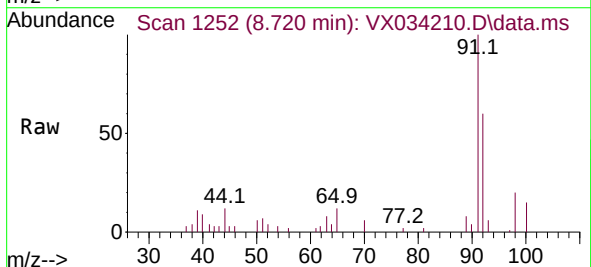
Tgt Ion: 43 Resp: 1067
Ion Ratio Lower Upper
43 100
58 37.3 31.2 46.8

Manual Integrations
APPROVED

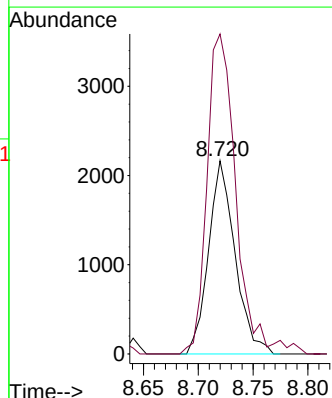
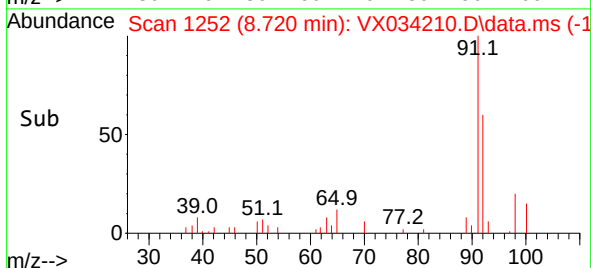
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

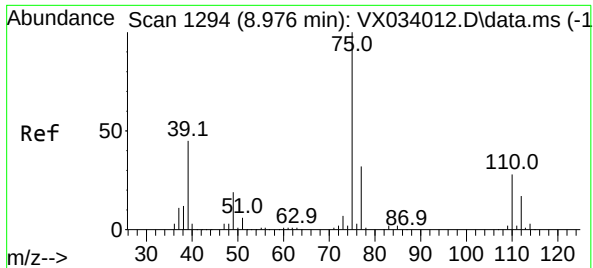


#52
Toluene
Concen: 0.402 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30



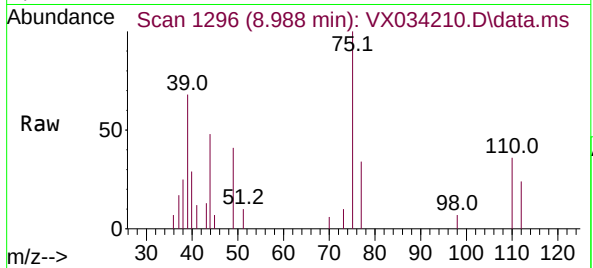
Tgt Ion: 92 Resp: 3643
Ion Ratio Lower Upper
92 100
91 177.2 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 0.296 ug/l
RT: 8.988 min Scan# 1195
Delta R.T. 0.012 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

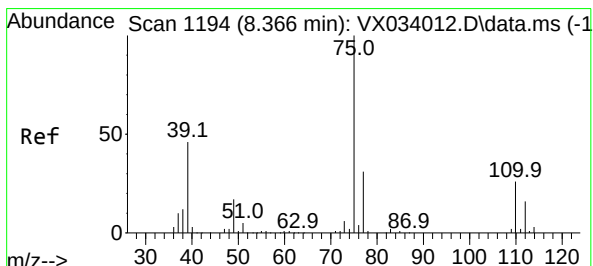
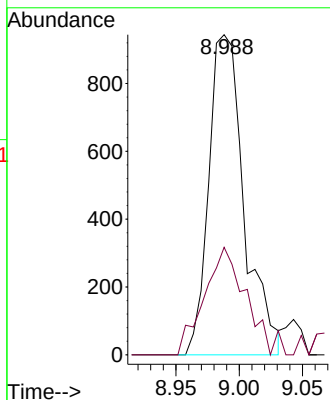
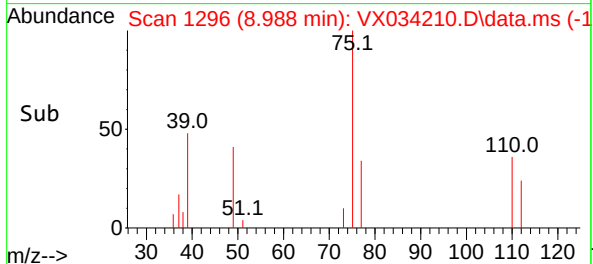
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



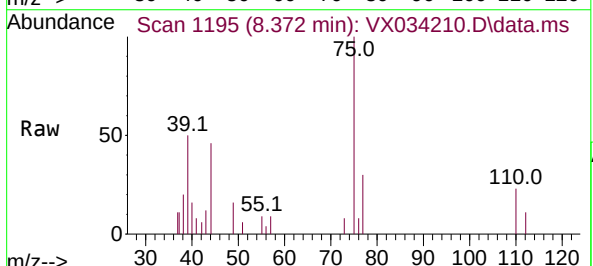
Tgt Ion: 75 Resp: 183
Ion Ratio Lower Upper
75 100
77 33.6 25.5 38.3

Manual Integrations
APPROVED

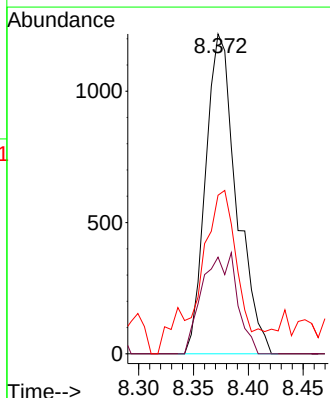
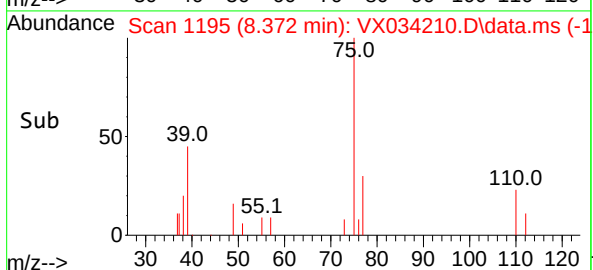
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

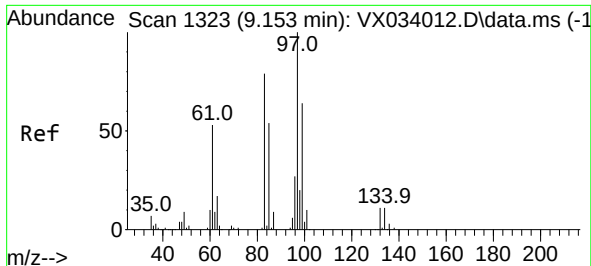


#54
cis-1,3-Dichloropropene
Concen: 0.360 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30



Tgt Ion: 75 Resp: 2390
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6
39 42.4 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 0.360 ug/l

RT: 9.159 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 97 Resp: 1317

Ion Ratio Lower Upper

97 100

83 79.4 67.4 101.0

85 60.8 43.2 64.8

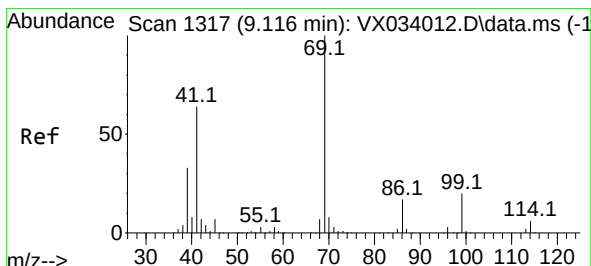
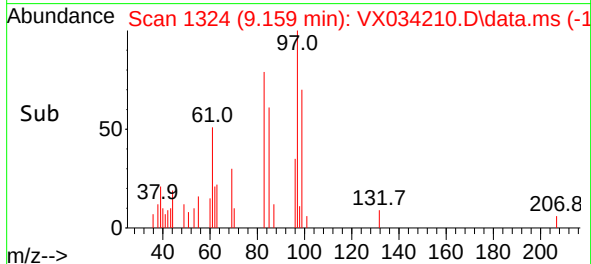
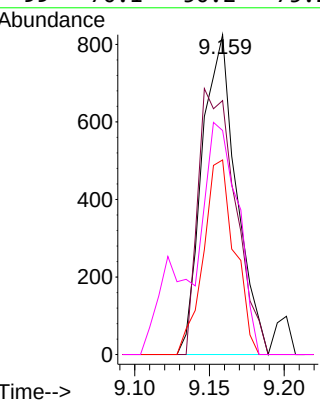
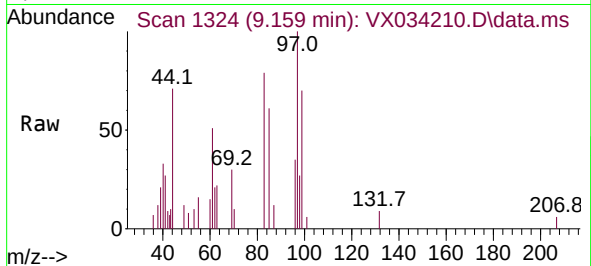
99 70.1 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#56

Ethyl methacrylate

Concen: 0.359 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

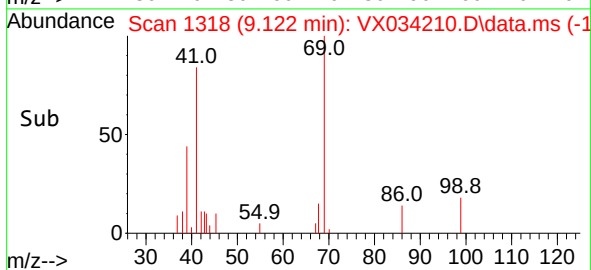
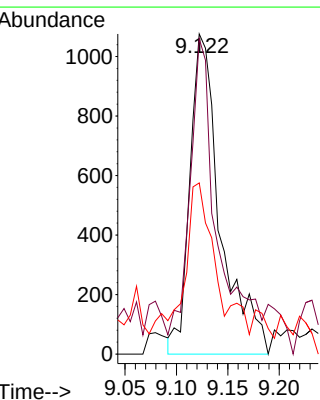
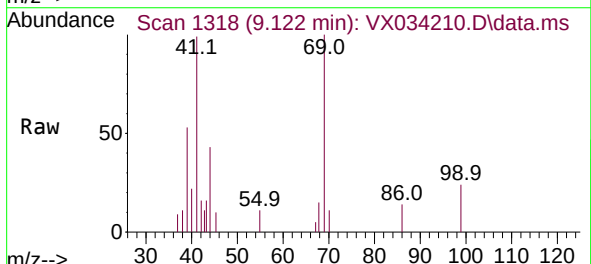
Tgt Ion: 69 Resp: 2220

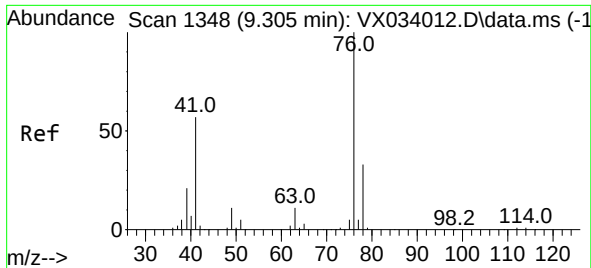
Ion Ratio Lower Upper

69 100

41 77.3 55.1 82.7

39 55.5 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 0.369 ug/l

RT: 9.317 min Scan# 1175

Delta R.T. 0.012 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 76 Resp: 2350

Ion Ratio Lower Upper

76 100

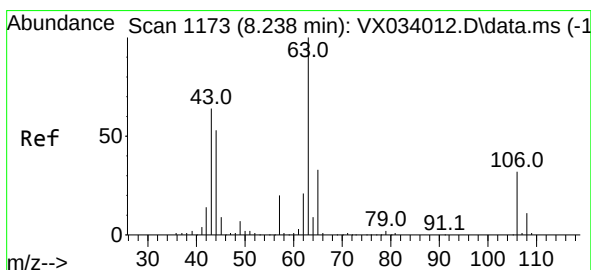
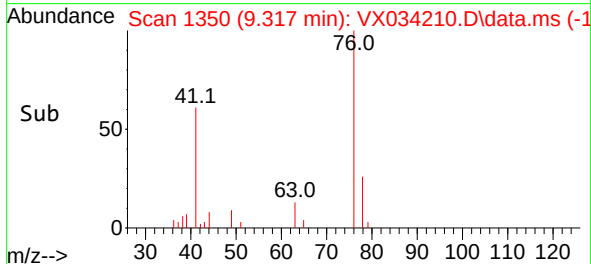
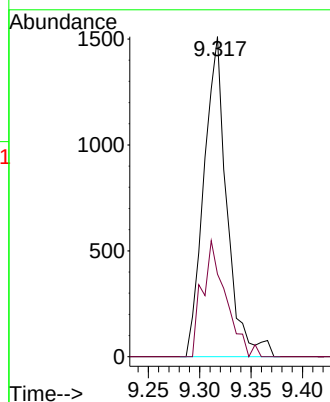
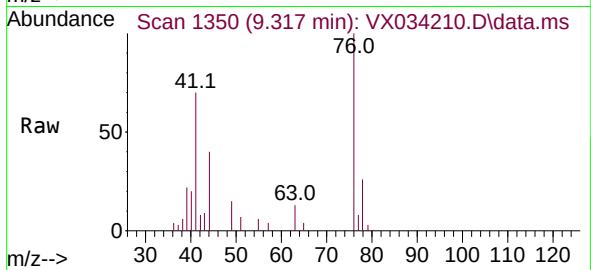
78 37.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 1.964 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.012 min

Lab File: VX034210.D

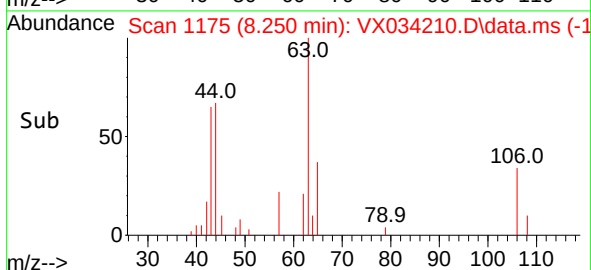
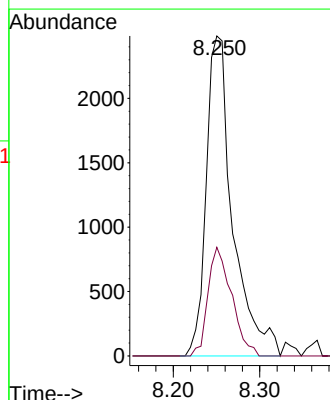
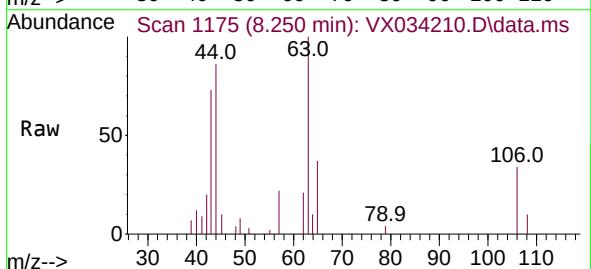
Acq: 21 Feb 2023 15:30

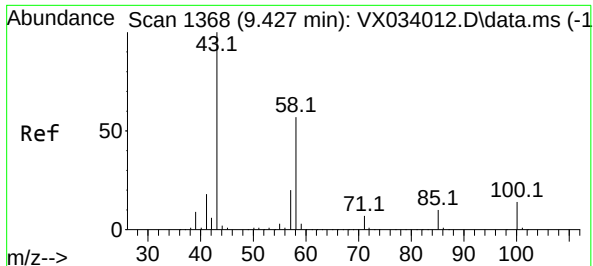
Tgt Ion: 63 Resp: 5267

Ion Ratio Lower Upper

63 100

106 30.4 24.5 36.7





#59

2-Hexanone

Concen: 1.842 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 7694

Ion Ratio Lower Upper

43 100

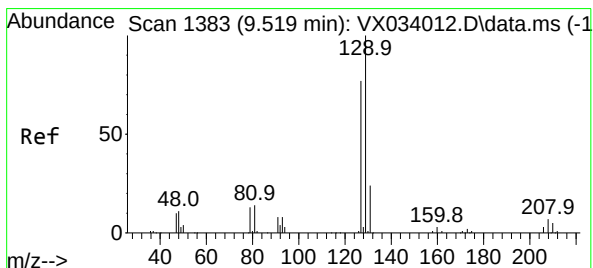
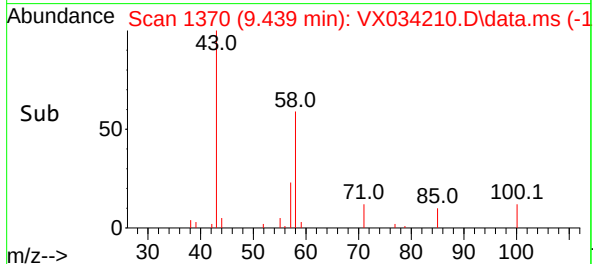
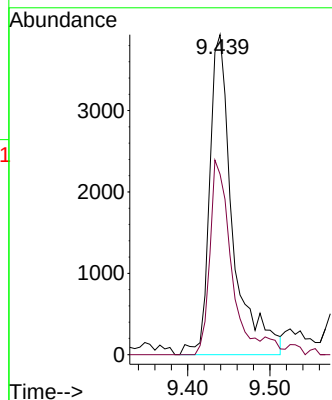
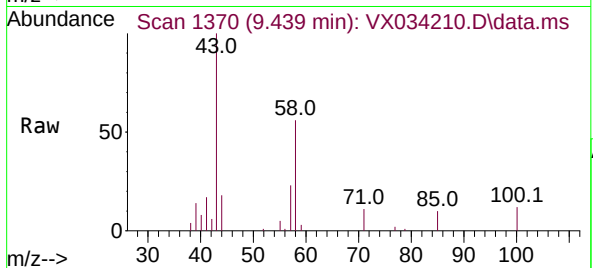
58 54.5 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#60

Dibromochloromethane

Concen: 0.332 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX034210.D

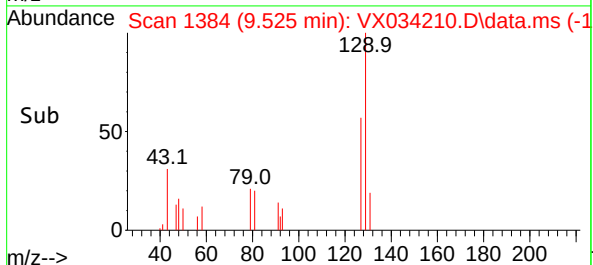
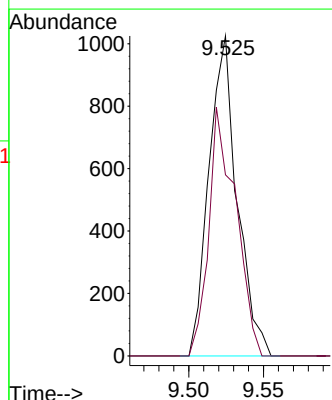
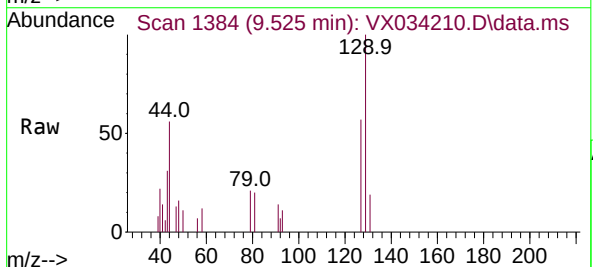
Acq: 21 Feb 2023 15:30

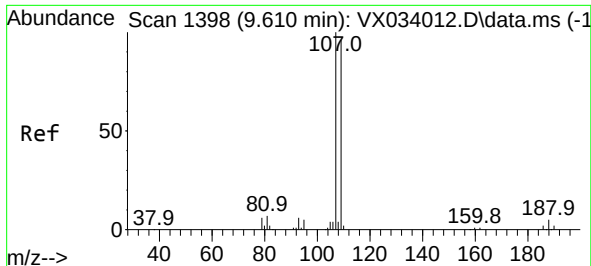
Tgt Ion:129 Resp: 1343

Ion Ratio Lower Upper

129 100

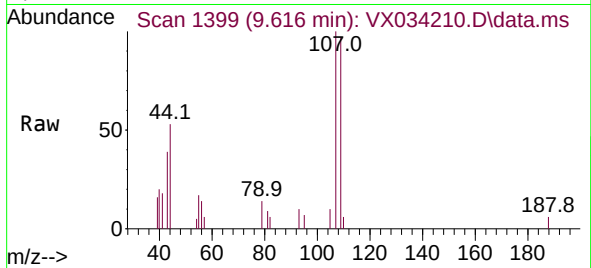
127 74.2 38.8 116.3





#61
1,2-Dibromoethane
Concen: 0.368 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

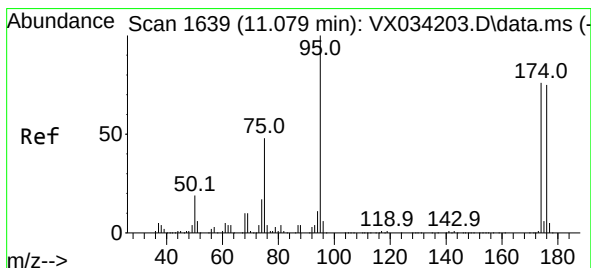
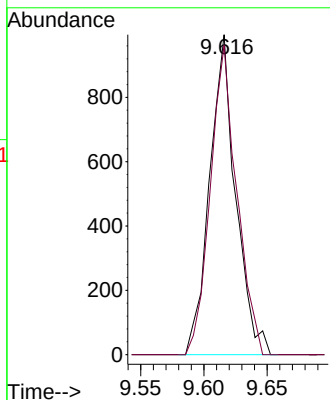
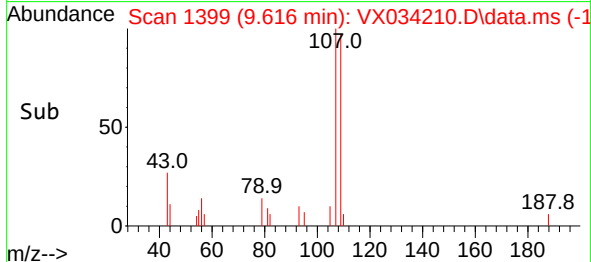
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:107 Resp: 142
Ion Ratio Lower Upper
107 100
109 98.3 74.2 111.2

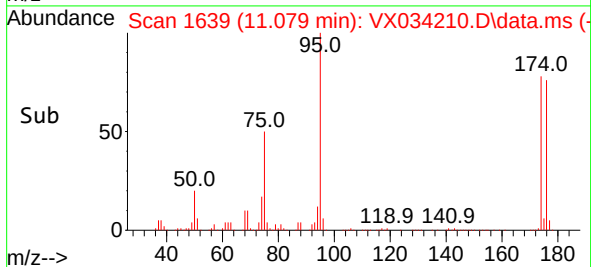
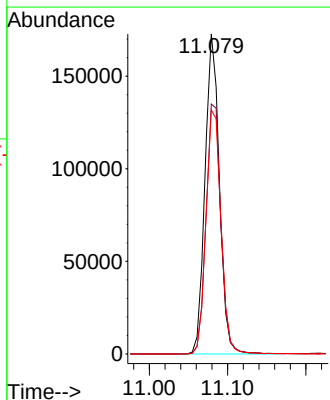
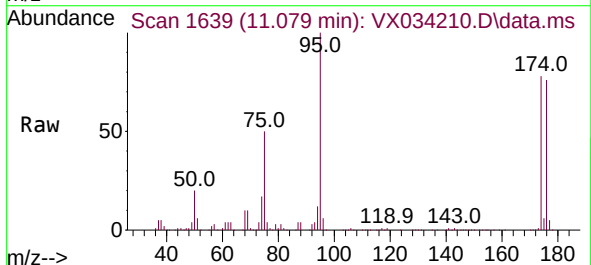
Manual Integrations
APPROVED

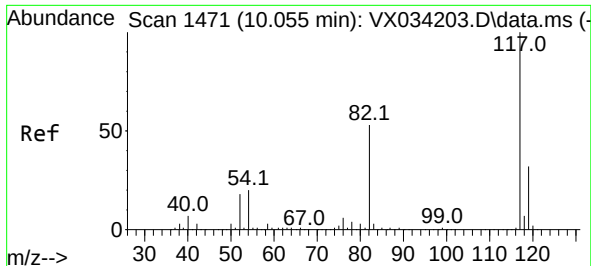
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#62
4-Bromofluorobenzene
Concen: 46.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

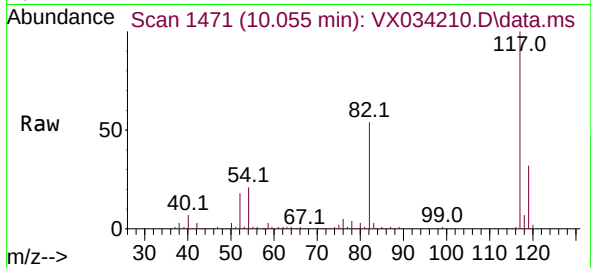
Tgt Ion: 95 Resp: 219400
Ion Ratio Lower Upper
95 100
174 81.0 0.0 184.4
176 79.8 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

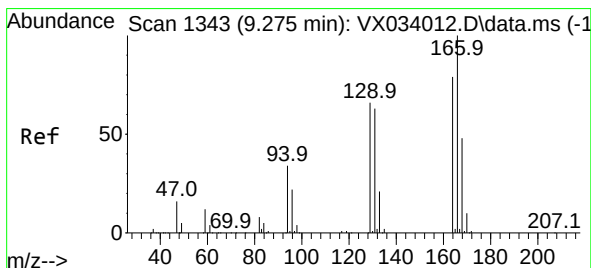
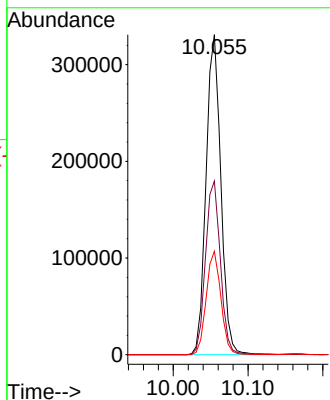
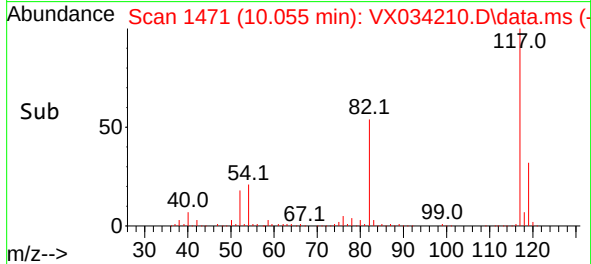
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:117 Resp: 455399
Ion Ratio Lower Upper
117 100
82 54.3 40.6 60.8
119 32.3 25.6 38.4

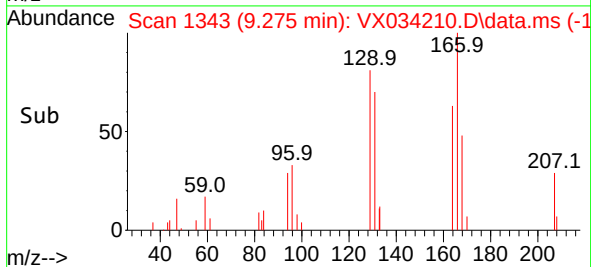
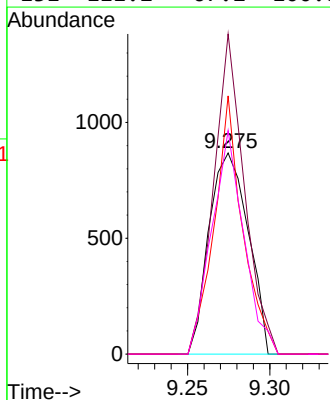
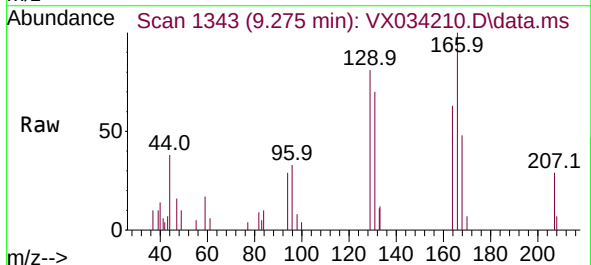
Manual Integrations
APPROVED

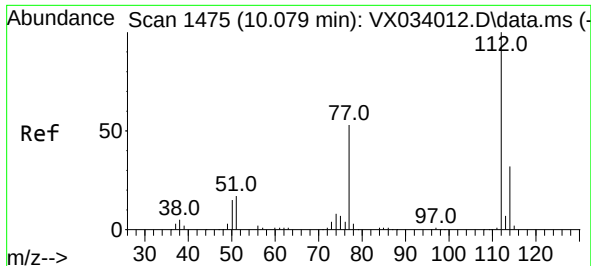
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#64
Tetrachloroethene
Concen: 0.447 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion:164 Resp: 1438
Ion Ratio Lower Upper
164 100
166 159.2 100.2 150.2#
129 128.5 69.2 103.8#
131 111.2 67.2 100.8#





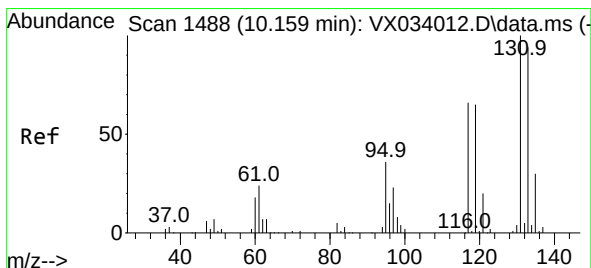
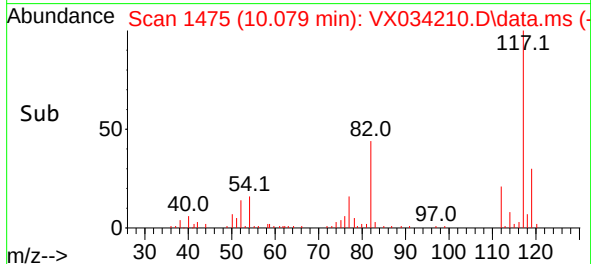
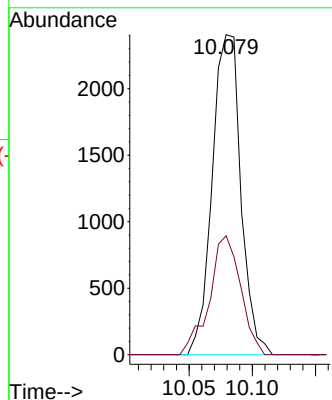
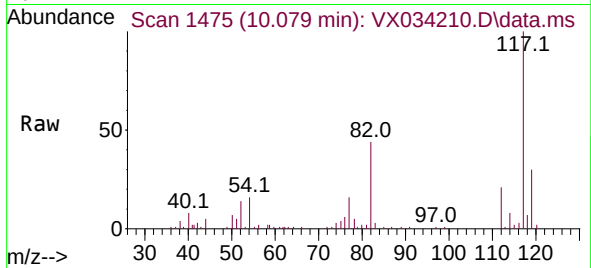
#65
Chlorobenzene
Concen: 0.399 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:112 Resp: 378
Ion Ratio Lower Upper
112 100
114 37.2 26.2 39.4

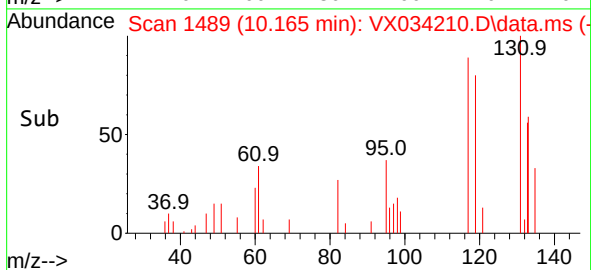
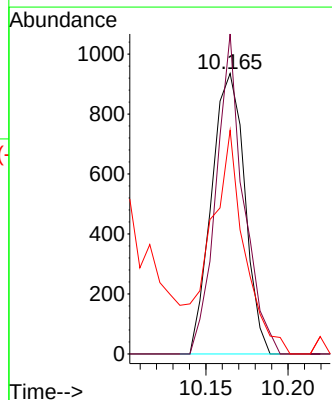
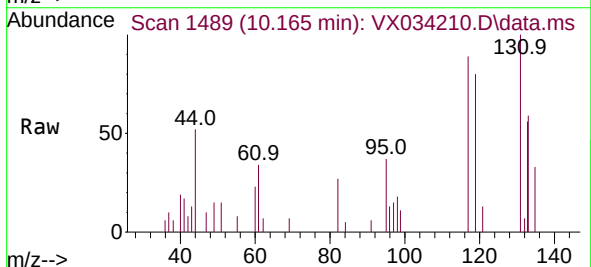
Manual Integrations
APPROVED

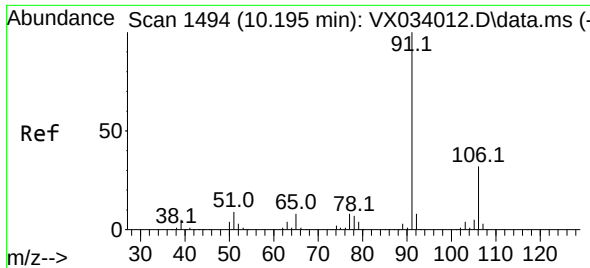
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.357 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion:131 Resp: 1312
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.0
119 0.0 31.9 95.7#





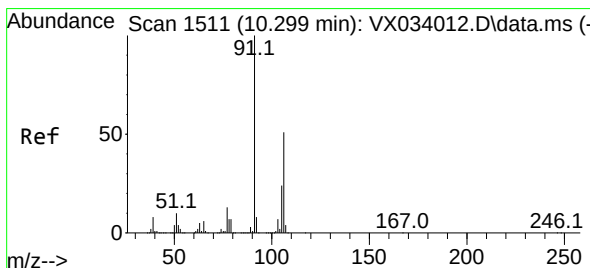
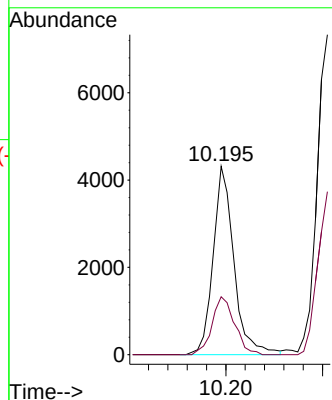
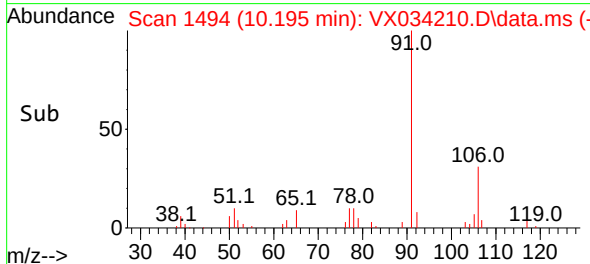
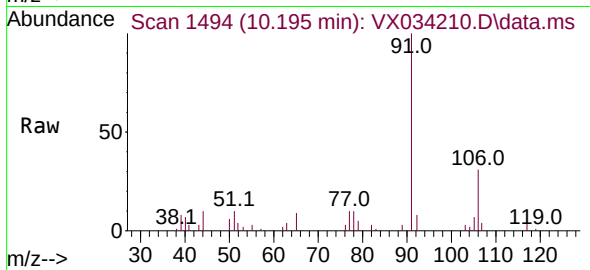
#67
Ethyl Benzene
Concen: 0.378 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 644
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.8

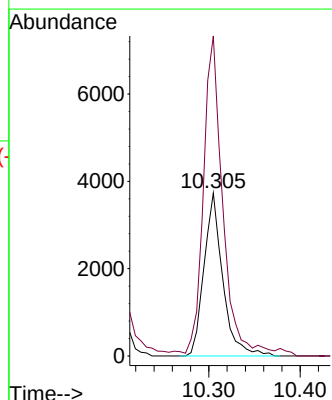
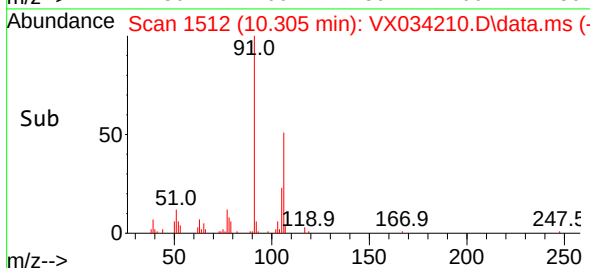
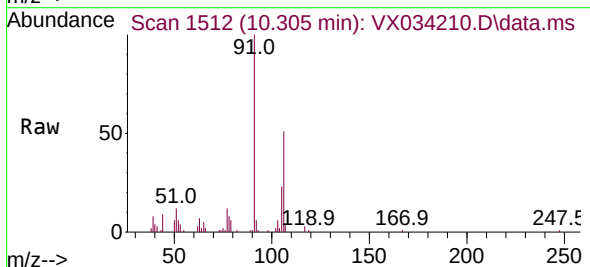
Manual Integrations
APPROVED

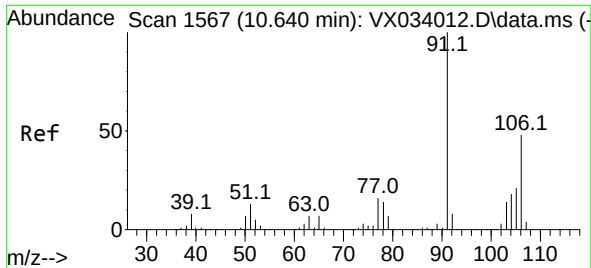
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#68
m/p-Xylenes
Concen: 0.815 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion:106 Resp: 5320
Ion Ratio Lower Upper
106 100
91 193.3 156.4 234.6





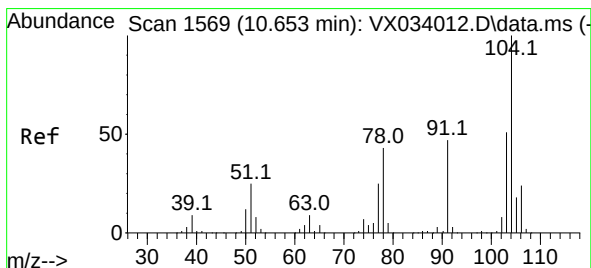
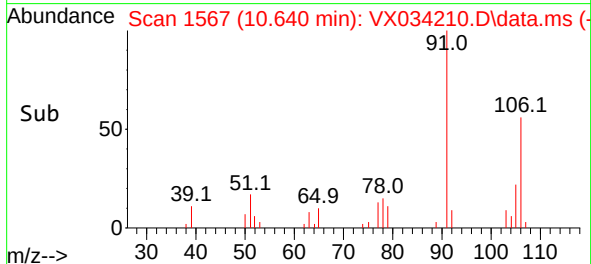
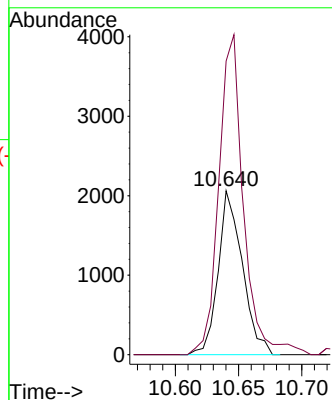
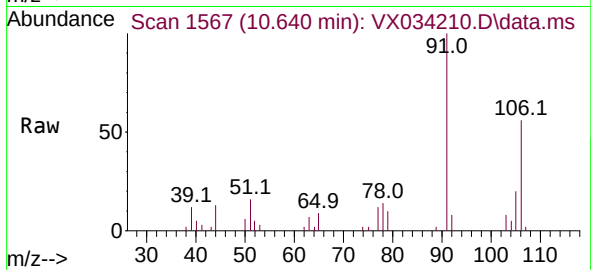
#69
o-Xylene
Concen: 0.422 ug/l
RT: 10.640 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:106 Resp: 2745
Ion Ratio Lower Upper
106 100
91 198.7 103.1 309.3

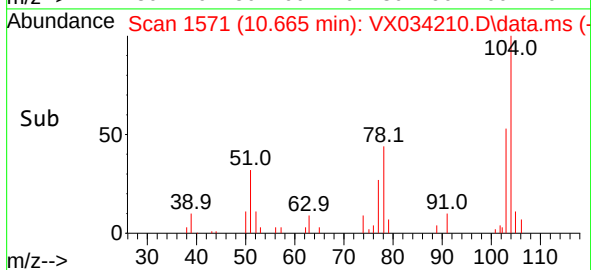
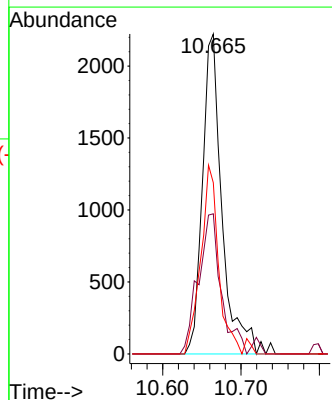
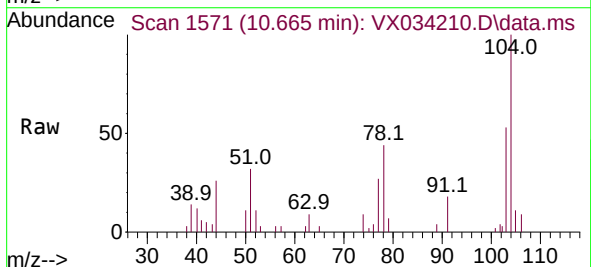
Manual Integrations
APPROVED

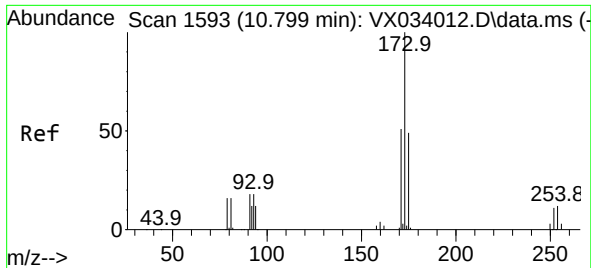
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 0.367 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

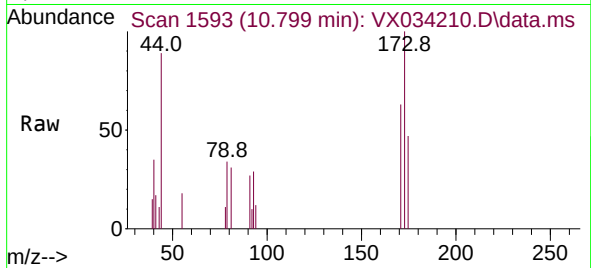
Tgt Ion:104 Resp: 3878
Ion Ratio Lower Upper
104 100
78 50.9 37.5 56.3
103 53.4 43.3 64.9





#71
Bromoform
Concen: 0.305 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

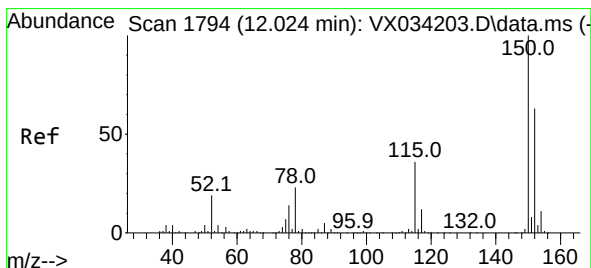
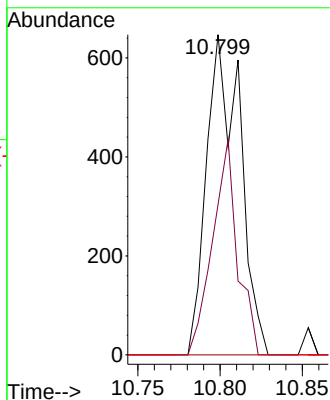
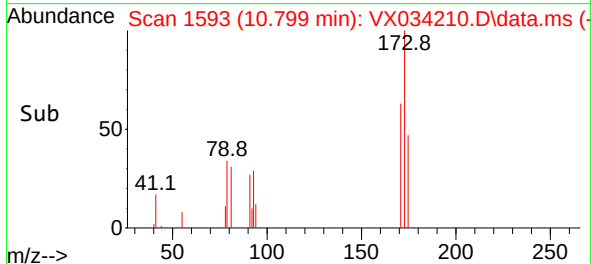
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



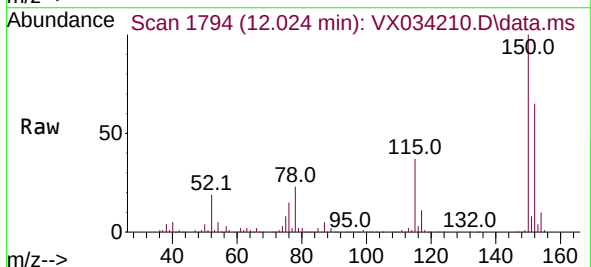
Tgt Ion:173 Resp: 915
Ion Ratio Lower Upper
173 100
175 50.2 24.1 72.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

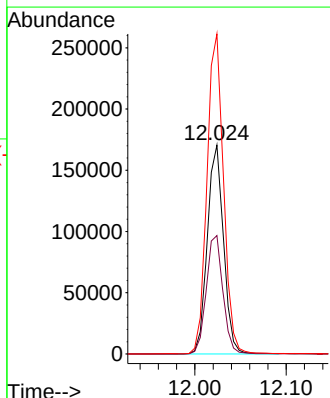
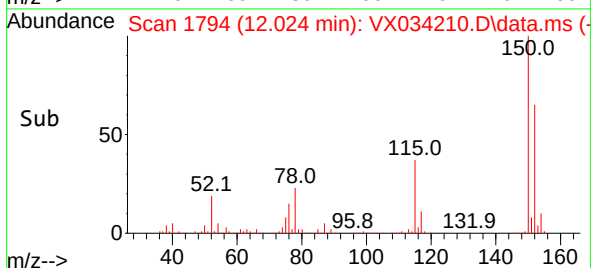
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

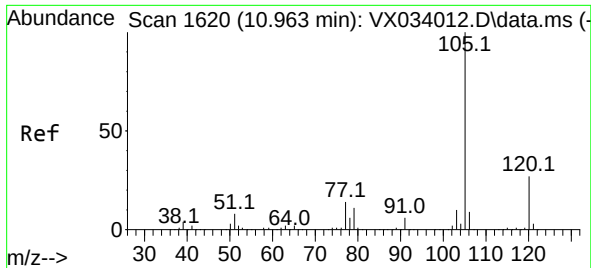


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30



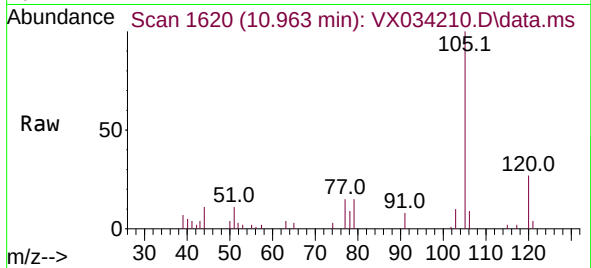
Tgt Ion:152 Resp: 210165
Ion Ratio Lower Upper
152 100
115 58.2 38.7 116.1
150 155.7 0.0 348.2





#73
Isopropylbenzene
Concen: 0.370 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

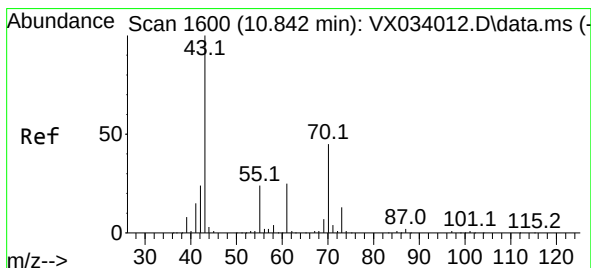
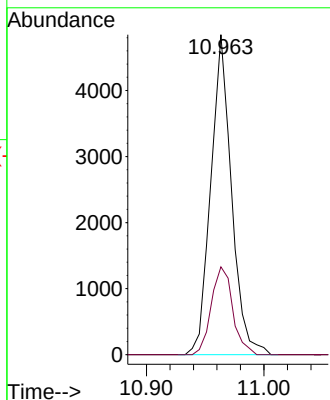
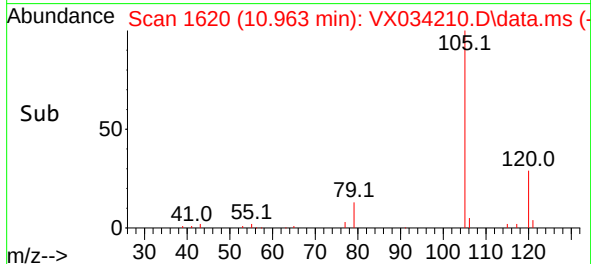
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



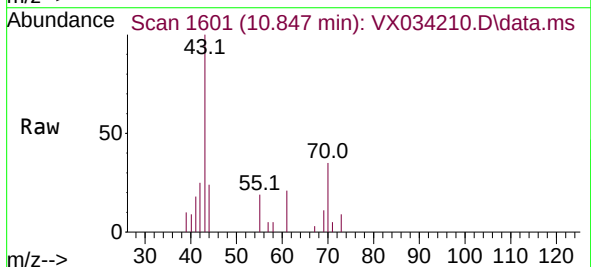
Tgt Ion:105 Resp: 5920
Ion Ratio Lower Upper
105 100
120 28.4 13.6 40.8

Manual Integrations
APPROVED

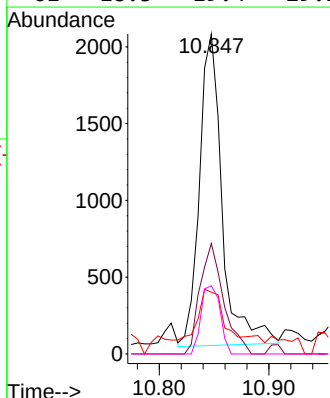
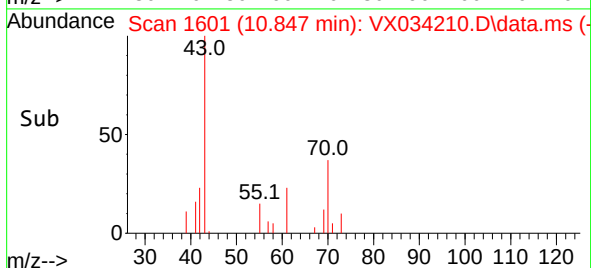
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

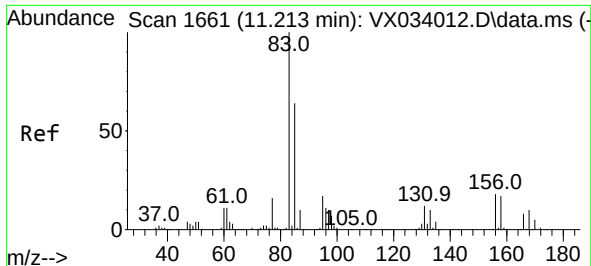


#74
N-ethyl acetate
Concen: 0.364 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30



Tgt Ion: 43 Resp: 2926
Ion Ratio Lower Upper
43 100
70 36.7 34.8 52.2
55 21.1 19.4 29.0
61 18.3 19.4 29.2#





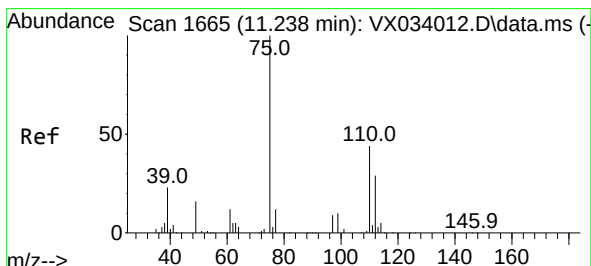
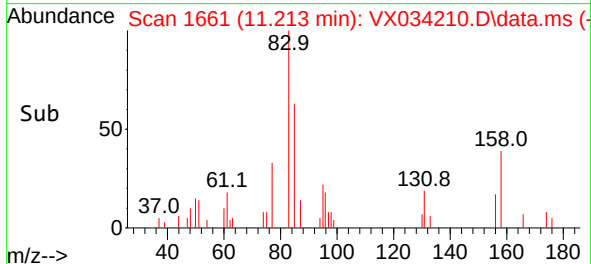
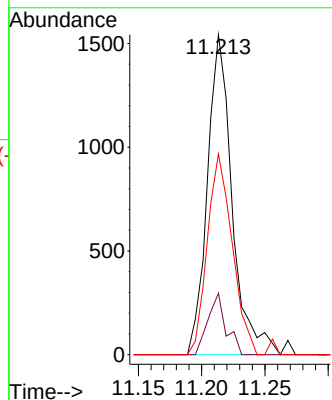
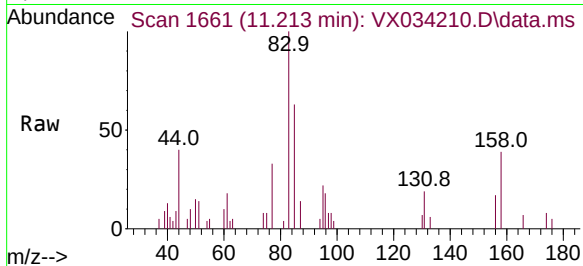
#75
1,1,2,2-Tetrachloroethane
Concen: 0.384 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 210
Ion Ratio Lower Upper
83 100
131 14.0 5.5 16.7
85 63.1 32.3 96.9

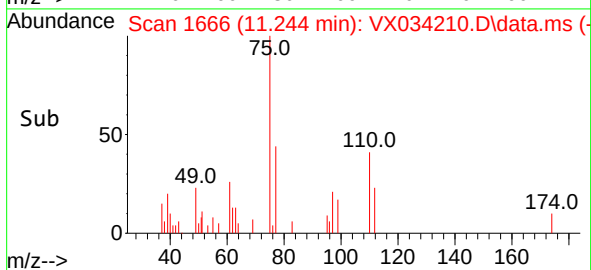
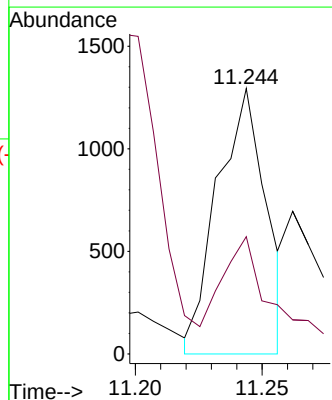
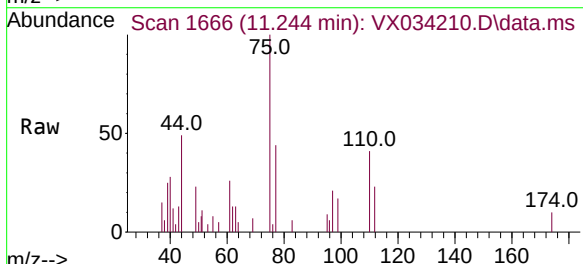
Manual Integrations
APPROVED

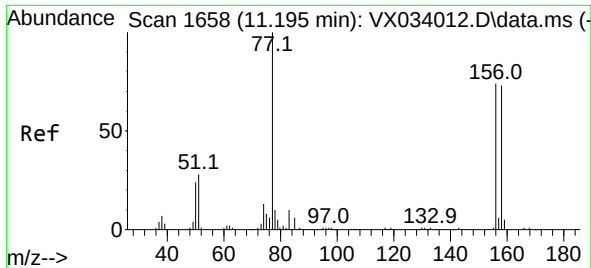
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#76
1,2,3-Trichloropropane
Concen: 0.325 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

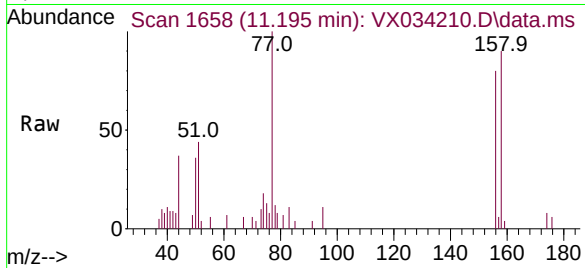
Tgt Ion: 75 Resp: 1717
Ion Ratio Lower Upper
75 100
77 72.3 21.8 65.4#





#77
Bromobenzene
Concen: 0.420 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

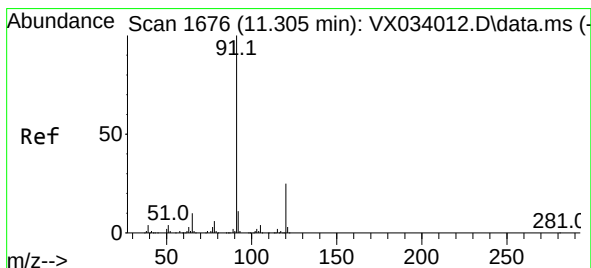
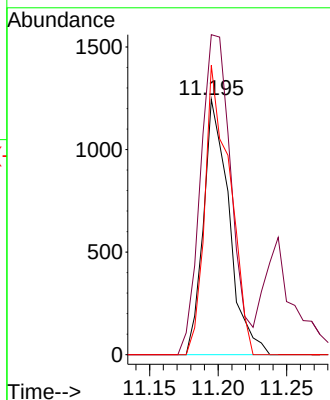
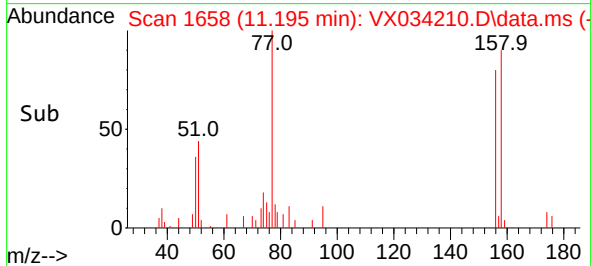
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



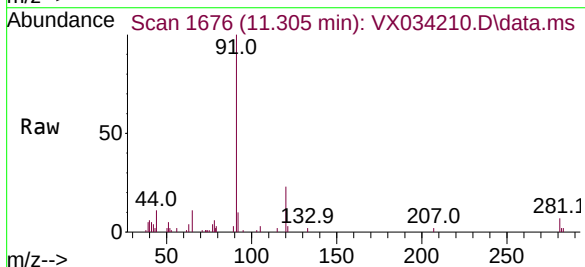
Tgt Ion:156 Resp: 1619
Ion Ratio Lower Upper
156 100
77 150.0 68.1 204.3
158 110.6 48.0 144.2

Manual Integrations
APPROVED

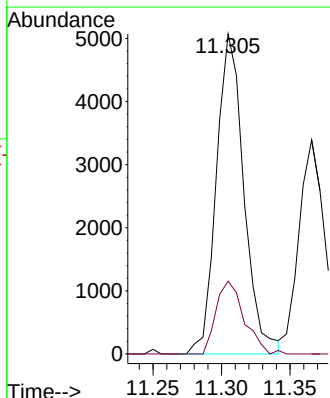
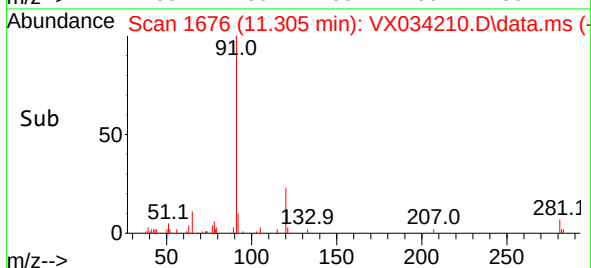
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

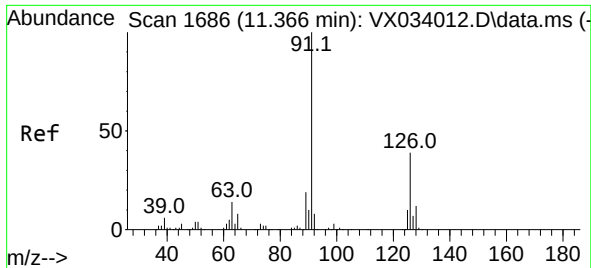


#78
n-propylbenzene
Concen: 0.380 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30



Tgt Ion: 91 Resp: 7079
Ion Ratio Lower Upper
91 100
120 23.1 12.3 36.8





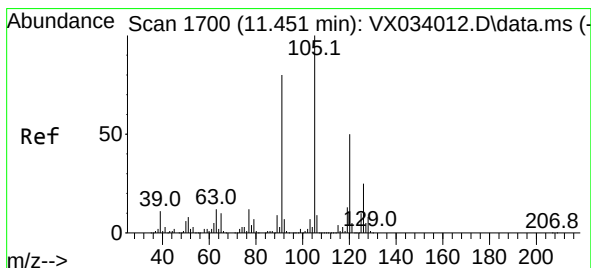
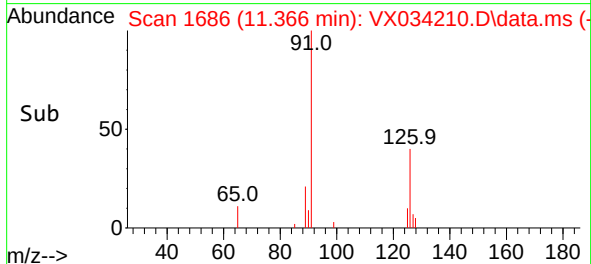
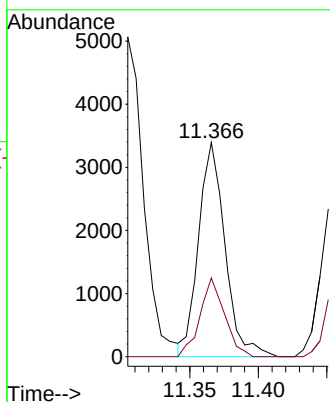
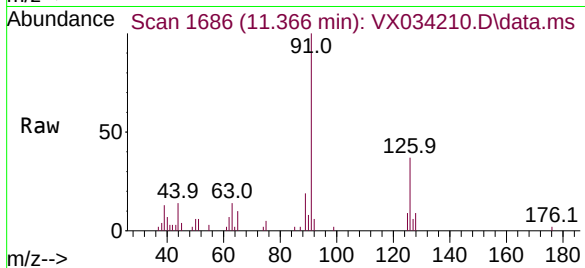
#79
2-Chlorotoluene
Concen: 0.400 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 456
Ion Ratio Lower Upper
91 100
126 34.1 18.1 54.1

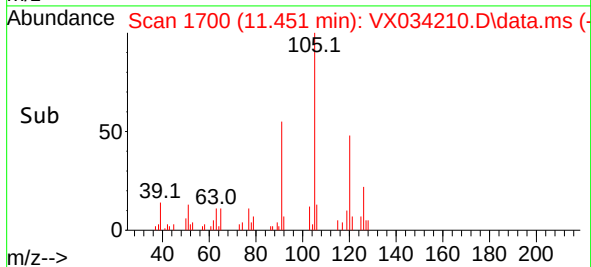
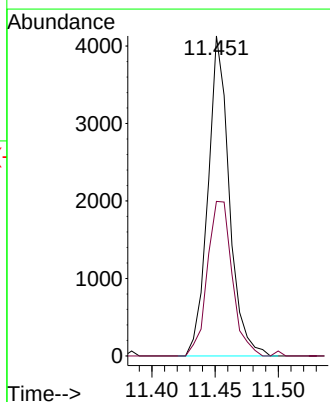
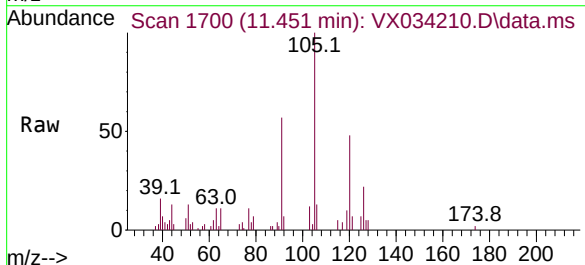
Manual Integrations
APPROVED

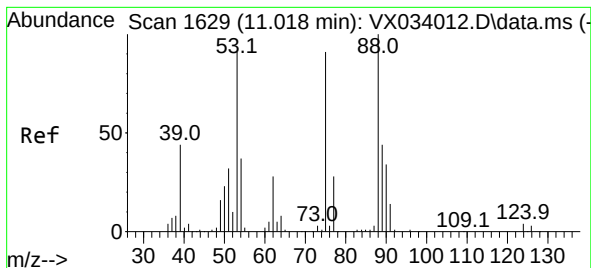
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.359 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion:105 Resp: 4839
Ion Ratio Lower Upper
105 100
120 56.2 25.6 76.8





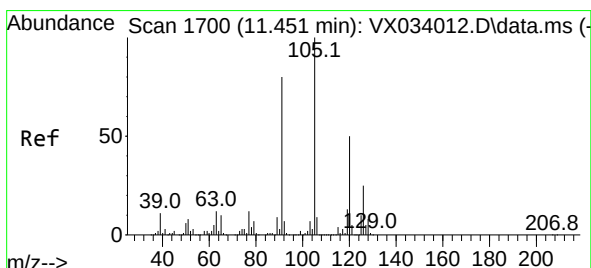
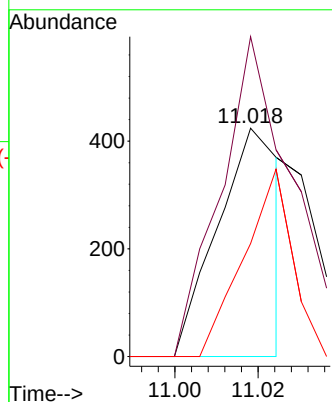
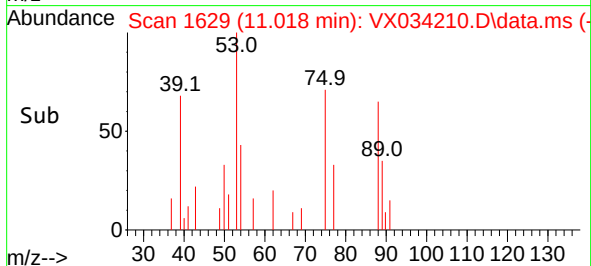
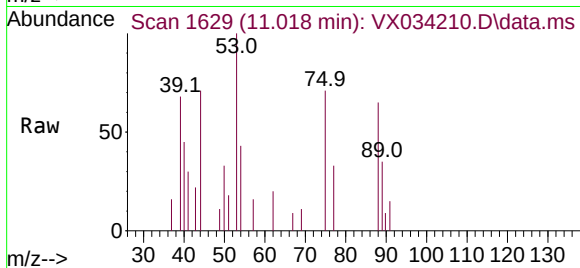
#81
trans-1,4-Dichloro-2-butene
Concen: 0.218 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 75 Resp: 449
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6
89 0.0 37.7 56.5

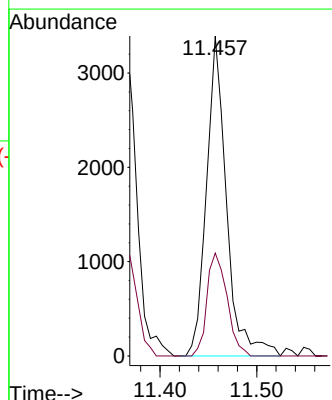
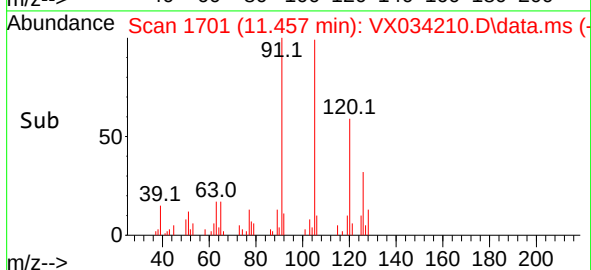
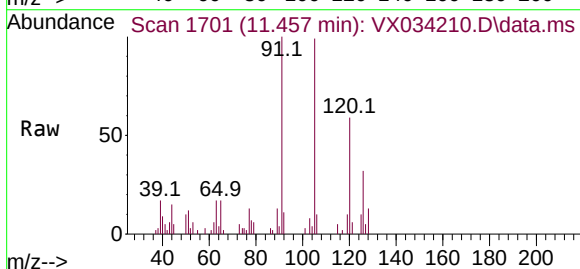
Manual Integrations
APPROVED

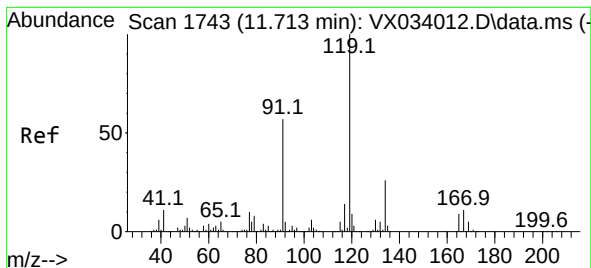
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#82
4-Chlorotoluene
Concen: 0.376 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion: 91 Resp: 4894
Ion Ratio Lower Upper
91 100
126 32.2 15.8 47.4





#83

tert-Butylbenzene

Concen: 0.379 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

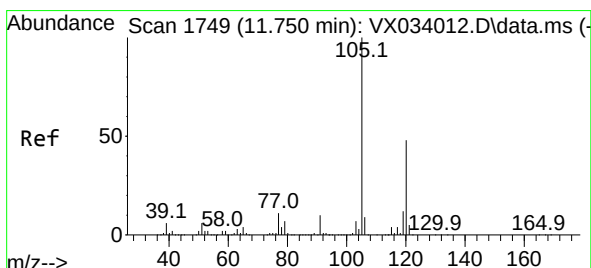
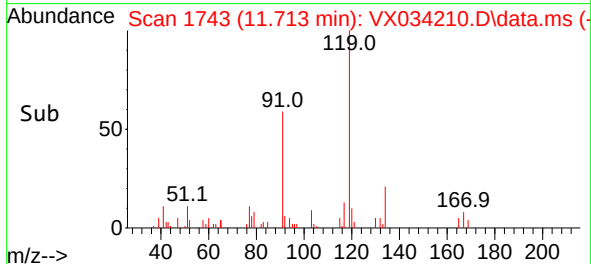
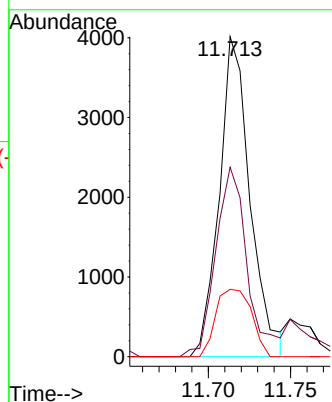
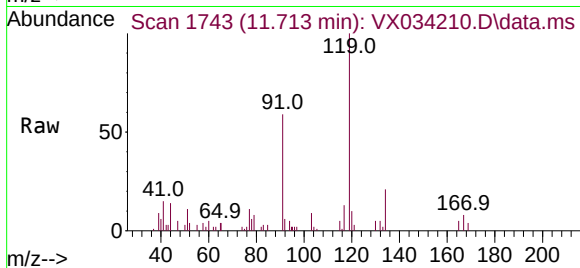
Tgt Ion:	119	Resp:	5228
Ion Ratio	Lower	Upper	
119	100		
91	60.7	26.9	80.7
134	24.4	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#84

1,2,4-Trimethylbenzene

Concen: 0.356 ug/l

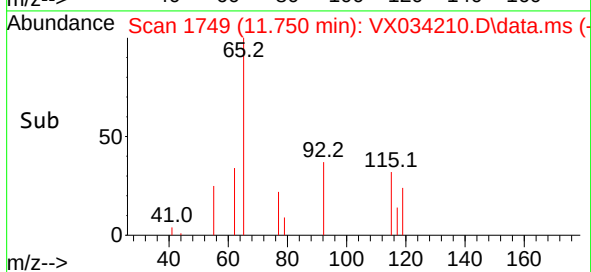
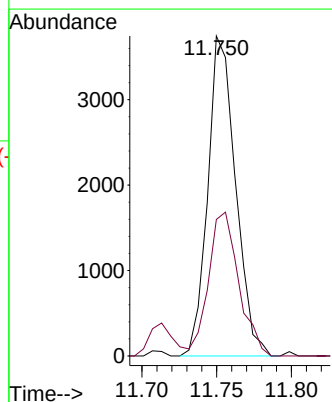
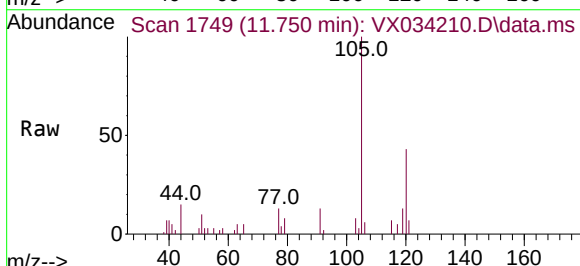
RT: 11.750 min Scan# 1749

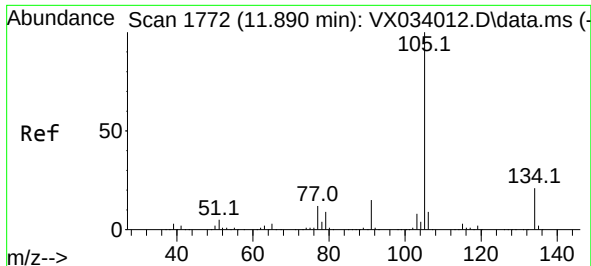
Delta R.T. 0.000 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

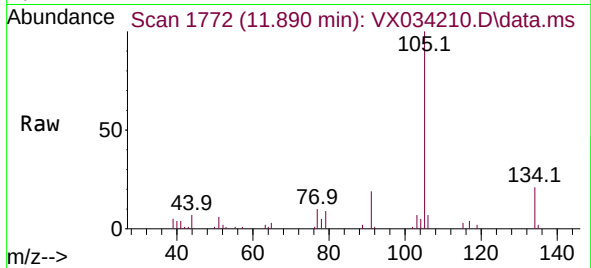
Tgt Ion:	105	Resp:	4848
Ion Ratio	Lower	Upper	
105	100		
120	48.6	23.4	70.2





#85
 sec-Butylbenzene
 Concen: 0.373 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034210.D
 Acq: 21 Feb 2023 15:30

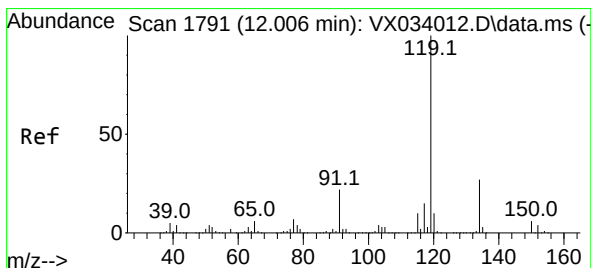
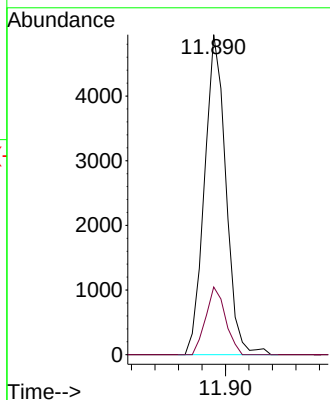
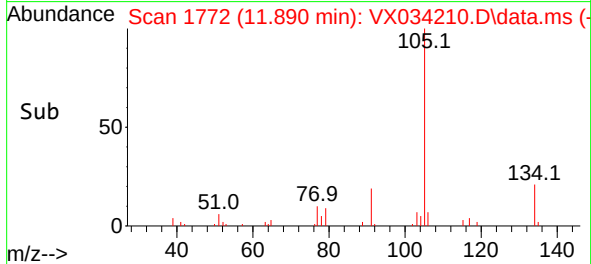
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



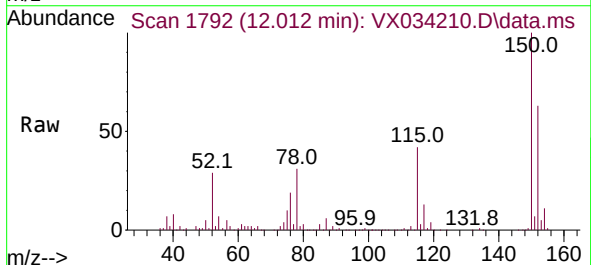
Tgt Ion:105 Resp: 6254
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.8 32.3

Manual Integrations
 APPROVED

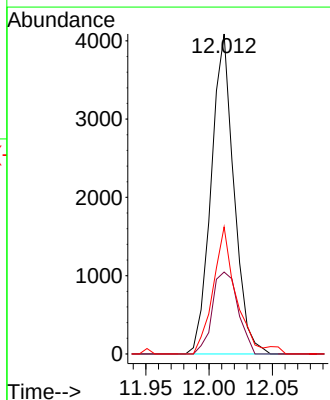
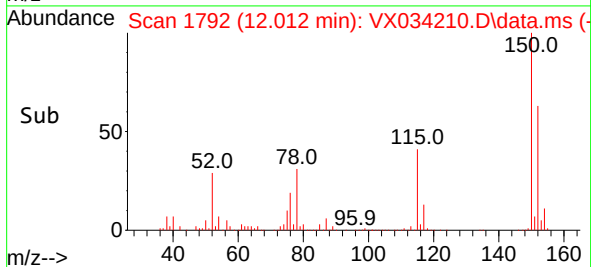
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

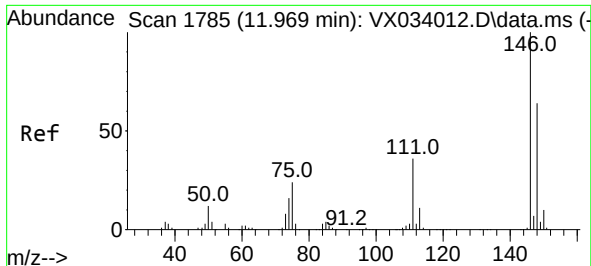


#86
 p-Isopropyltoluene
 Concen: 0.369 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX034210.D
 Acq: 21 Feb 2023 15:30



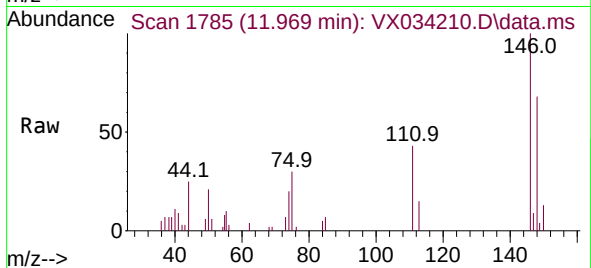
Tgt Ion:119 Resp: 5111
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.6 40.8
 91 40.7 11.0 33.0#





#87
1,3-Dichlorobenzene
Concen: 0.386 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

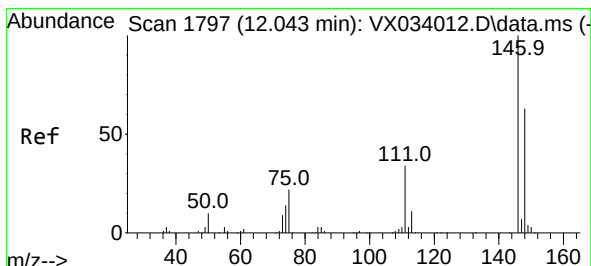
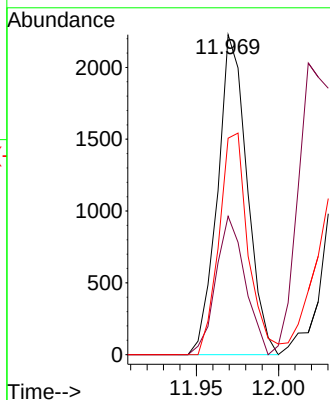
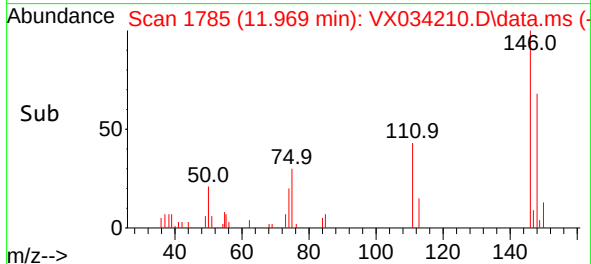
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



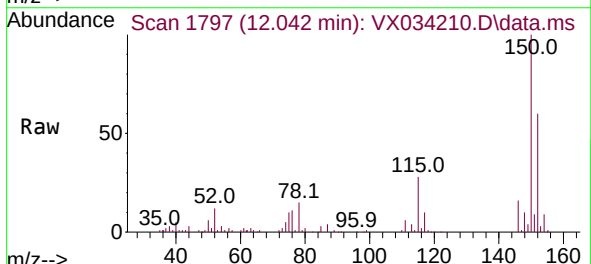
Tgt Ion:146 Resp: 278
Ion Ratio Lower Upper
146 100
111 42.7 18.6 55.6
148 68.7 31.9 95.5

Manual Integrations
APPROVED

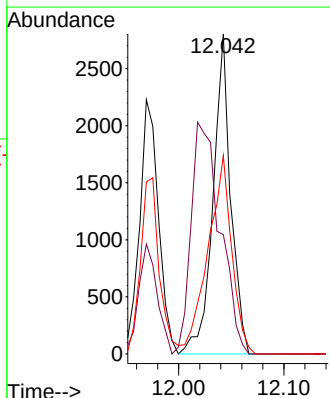
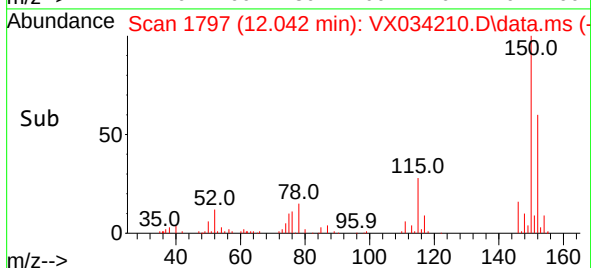
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

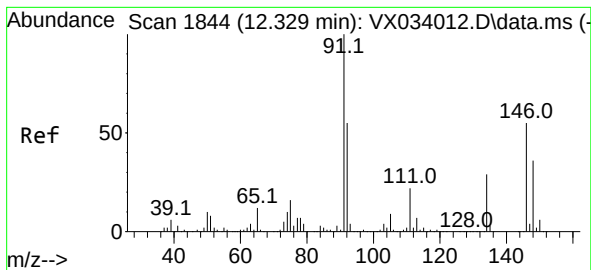


#88
1,4-Dichlorobenzene
Concen: 0.450 ug/l m
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30



Tgt Ion:146 Resp: 3280
Ion Ratio Lower Upper
146 100
111 36.3 17.8 53.4
148 58.4 32.1 96.3





#89

n-Butylbenzene

Concen: 0.340 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

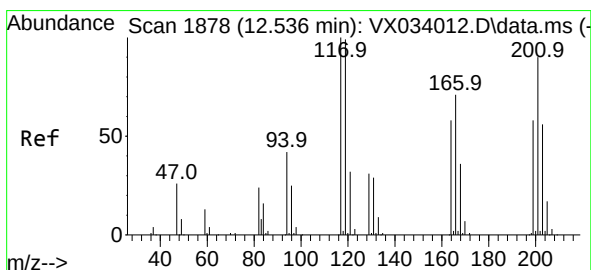
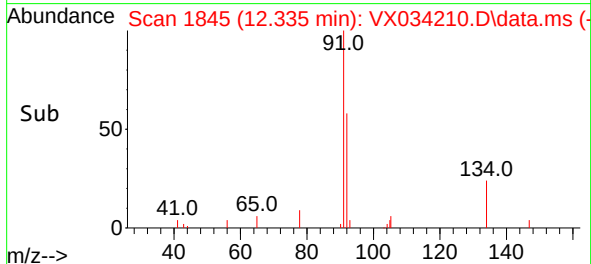
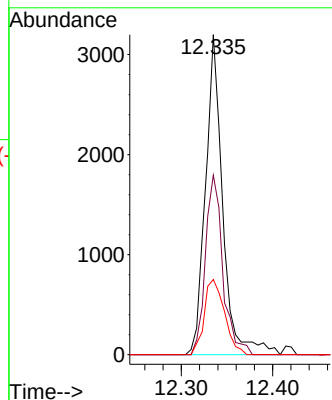
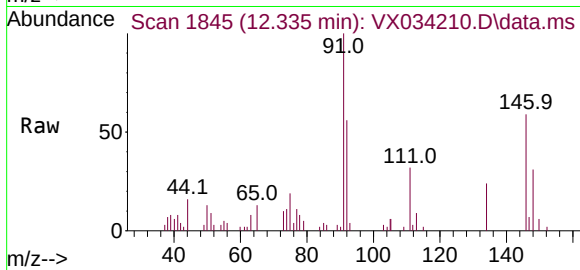
Tgt Ion: 91	Resp: 4190
Ion Ratio	Lower Upper
91	100
92	56.6 27.5 82.5
134	27.6 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#90

Hexachloroethane

Concen: 0.311 ug/l

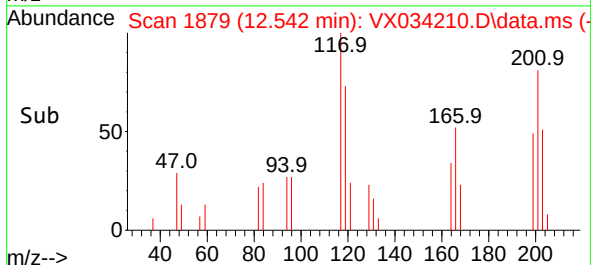
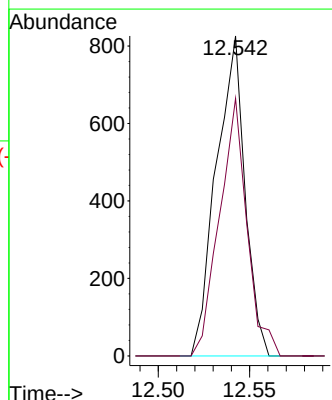
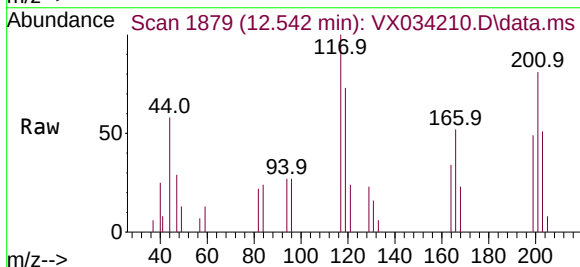
RT: 12.542 min Scan# 1879

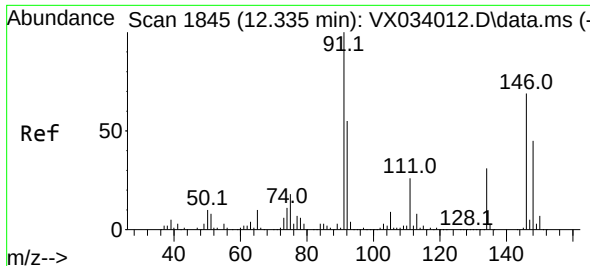
Delta R.T. 0.006 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Tgt Ion: 117	Resp: 902
Ion Ratio	Lower Upper
117	100
201	77.4 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 0.383 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

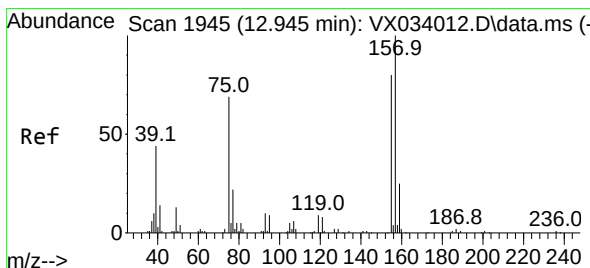
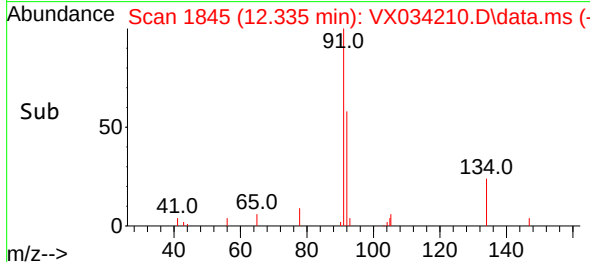
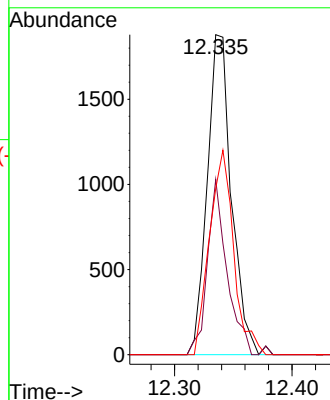
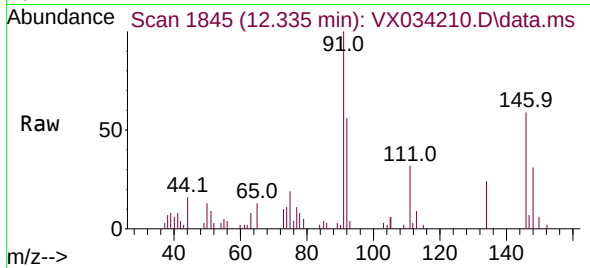
Tgt Ion:	146	Resp:	2708
Ion	Ratio	Lower	Upper
146	100		
111	43.8	19.3	57.8
148	63.3	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.330 ug/l

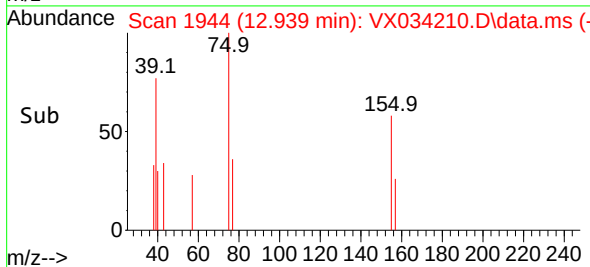
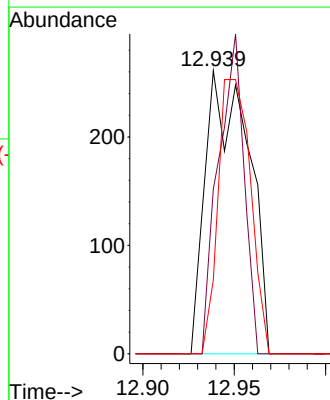
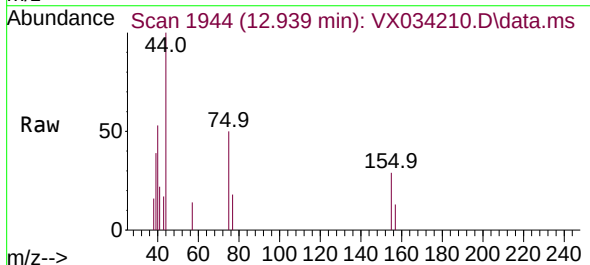
RT: 12.939 min Scan# 1944

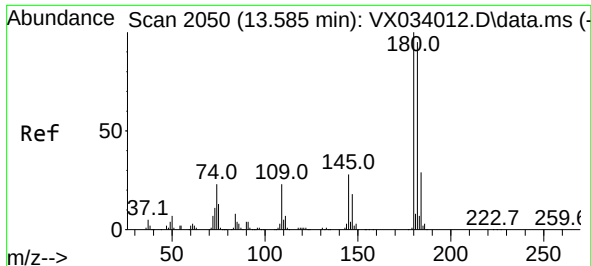
Delta R.T. -0.006 min

Lab File: VX034210.D

Acq: 21 Feb 2023 15:30

Tgt Ion:	75	Resp:	431
Ion	Ratio	Lower	Upper
75	100		
155	66.6	51.7	155.1
157	72.4	67.5	202.3





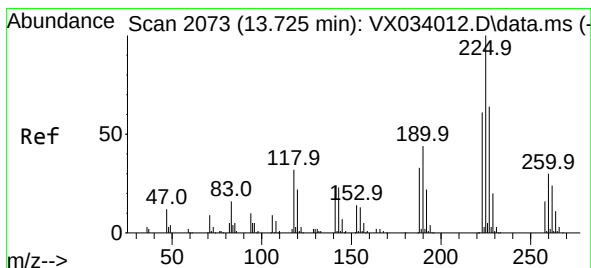
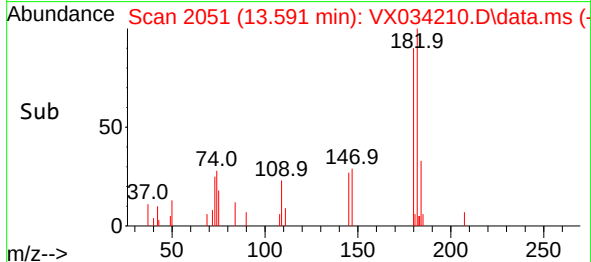
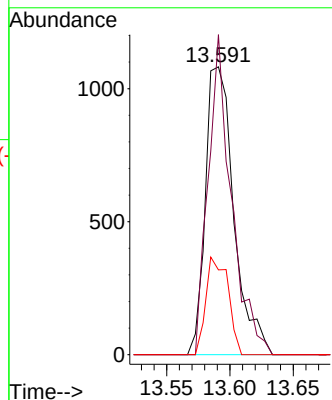
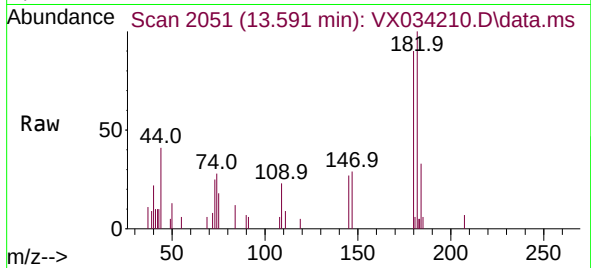
#93
1,2,4-Trichlorobenzene
Concen: 0.373 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:180 Resp: 1690
Ion Ratio Lower Upper
180 100
182 90.9 47.9 143.6
145 26.3 14.1 42.2

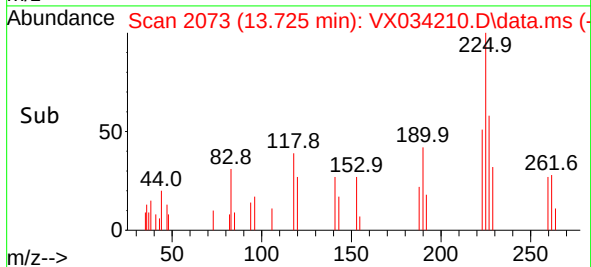
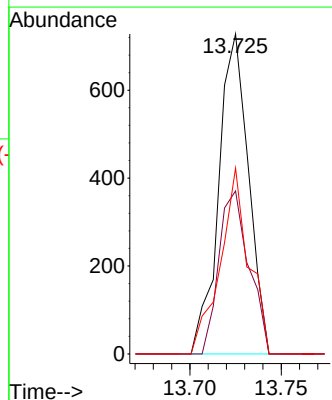
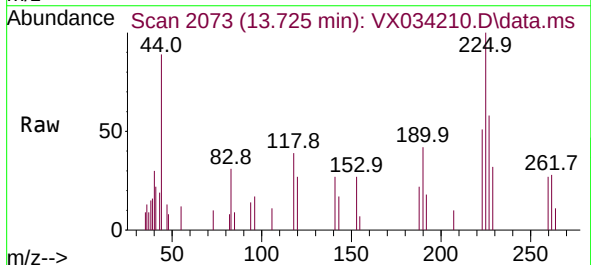
Manual Integrations
APPROVED

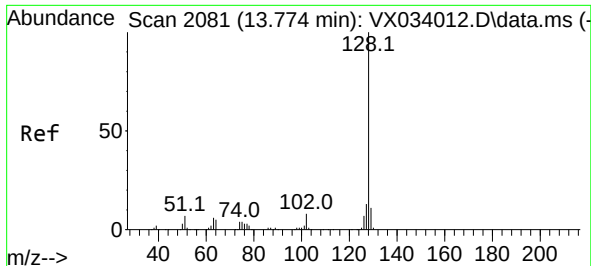
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#94
Hexachlorobutadiene
Concen: 0.439 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion:225 Resp: 827
Ion Ratio Lower Upper
225 100
223 51.5 31.3 93.9
227 55.7 32.3 96.9





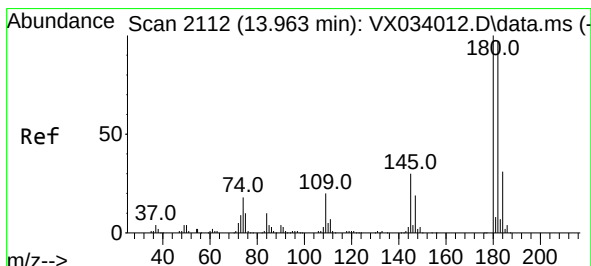
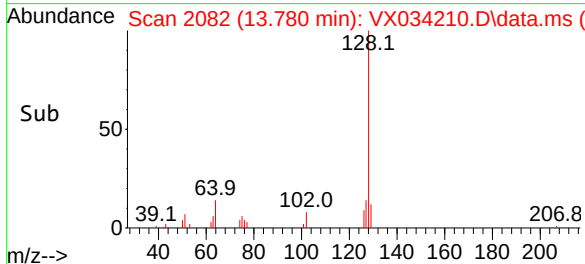
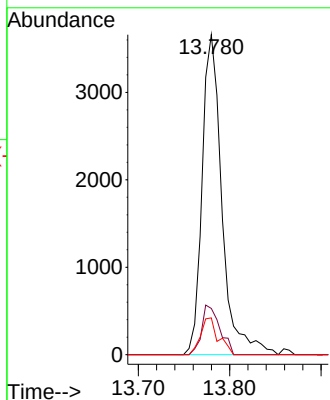
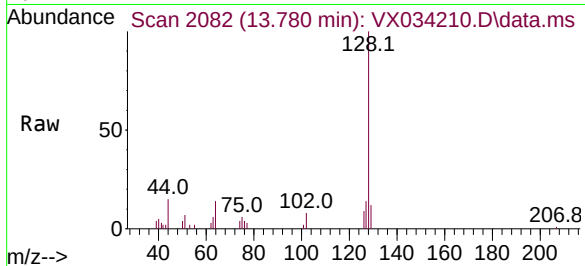
#95
Naphthalene
Concen: 0.360 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:128 Resp: 551
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 10.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.381 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034210.D
Acq: 21 Feb 2023 15:30

Tgt Ion:180 Resp: 1718
Ion Ratio Lower Upper
180 100
182 88.9 47.6 142.9
145 30.6 15.1 45.3

