

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034211.D
 Acq On : 21 Feb 2023 15:54
 Operator : JC/MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 22 02:58:40 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	5.556	168	311547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	516615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	452305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193588	46.139	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.280%		
35) Dibromofluoromethane	5.385	113	166858	49.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.220%		
50) Toluene-d8	8.647	98	615646	50.978	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.960%		
62) 4-Bromofluorobenzene	11.079	95	214605	46.457	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1923	0.714	ug/l	88
3) Chloromethane	1.301	50	3492	0.901	ug/l	95
4) Vinyl Chloride	1.374	62	2866	0.812	ug/l	94
5) Bromomethane	1.611	94	2642	1.887	ug/l	97
6) Chloroethane	1.691	64	1863	1.050	ug/l #	88
7) Trichlorofluoromethane	1.892	101	4107	0.860	ug/l	89
8) Diethyl Ether	2.136	74	1726	0.898	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	2278	0.678	ug/l	98
10) Methyl Iodide	2.453	142	2244	0.548	ug/l	92
11) Tert butyl alcohol	2.959	59	4839	5.156	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	2187	0.649	ug/l #	73
13) Acrolein	2.233	56	1738	4.057	ug/l #	43
14) Allyl chloride	2.666	41	4577	0.640	ug/l	92
15) Acrylonitrile	3.069	53	7443	3.636	ug/l	97
16) Acetone	2.380	43	7835	3.620	ug/l	97
17) Carbon Disulfide	2.514	76	6778	0.700	ug/l #	94
18) Methyl Acetate	2.709	43	4929	0.736	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	9026	0.759	ug/l	96
20) Methylene Chloride	2.788	84	4048	1.038	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	2684	0.760	ug/l	96
22) Diisopropyl ether	3.770	45	9449	0.754	ug/l #	93
23) Vinyl Acetate	3.727	43	35440	3.530	ug/l	97
24) 1,1-Dichloroethane	3.611	63	4888	0.711	ug/l	97
25) 2-Butanone	4.574	43	10738	3.429	ug/l	95
26) 2,2-Dichloropropane	4.477	77	4759	0.764	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	3049	0.729	ug/l	95
28) Bromochloromethane	4.897	49	2074	0.676	ug/l #	95
29) Tetrahydrofuran	5.013	42	7194	3.766	ug/l	97
30) Chloroform	5.105	83	5265	0.797	ug/l	88
31) Cyclohexane	5.471	56	5274	0.842	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	4184	0.707	ug/l #	50
36) 1,1-Dichloropropene	5.702	75	3625	0.729	ug/l	95
37) Ethyl Acetate	4.739	43	3896	0.701	ug/l #	95
38) Carbon Tetrachloride	5.684	117	3915	0.765	ug/l	92
39) Methylcyclohexane	7.379	83	4405	0.688	ug/l	98
40) Benzene	6.044	78	10930	0.741	ug/l	97

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	2599m	0.839	ug/l	
42) 1,2-Dichloroethane	6.092	62	4018	0.775	ug/l	100
43) Isopropyl Acetate	6.342	43	7095	0.723	ug/l	97
44) Trichloroethene	7.129	130	2710	0.716	ug/l	91
45) 1,2-Dichloropropane	7.434	63	2946	0.751	ug/l	96
46) Dibromomethane	7.592	93	2022	0.783	ug/l	85
47) Bromodichloromethane	7.824	83	3608	0.681	ug/l #	86
48) Methyl methacrylate	7.708	41	3173	0.681	ug/l	98
49) 1,4-Dioxane	7.671	88	1287	13.857	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	20117	3.727	ug/l	98
52) Toluene	8.726	92	6670	0.747	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	3802	0.623	ug/l #	79
54) cis-1,3-Dichloropropene	8.372	75	4705	0.720	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	2816	0.781	ug/l	94
56) Ethyl methacrylate	9.116	69	3642	0.597	ug/l #	60
57) 1,3-Dichloropropane	9.311	76	4112	0.656	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.251	63	8875	3.359	ug/l	94
59) 2-Hexanone	9.433	43	14836	3.607	ug/l	95
60) Dibromochloromethane	9.519	129	2833	0.711	ug/l	92
61) 1,2-Dibromoethane	9.616	107	2680	0.703	ug/l	100
64) Tetrachloroethene	9.275	164	2598	0.814	ug/l #	88
65) Chlorobenzene	10.079	112	6675	0.708	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	2434	0.667	ug/l #	62
67) Ethyl Benzene	10.195	91	12426	0.734	ug/l	96
68) m/p-Xylenes	10.299	106	9298	1.434	ug/l	97
69) o-Xylene	10.640	106	4293	0.665	ug/l	84
70) Styrene	10.659	104	7358	0.701	ug/l	98
71) Bromoform	10.799	173	1944	0.653	ug/l #	94
73) Isopropylbenzene	10.963	105	11870	0.745	ug/l	99
74) N-amyl acetate	10.842	43	6065	0.758	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	3995	0.733	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	3369m	0.641	ug/l	
77) Bromobenzene	11.201	156	3066	0.800	ug/l	86
78) n-propylbenzene	11.305	91	12374	0.668	ug/l	99
79) 2-Chlorotoluene	11.366	91	8829	0.777	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	9277	0.693	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	1062m	0.519	ug/l	
82) 4-Chlorotoluene	11.457	91	9540	0.737	ug/l	99
83) tert-Butylbenzene	11.713	119	9282	0.677	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	9129	0.674	ug/l	100
85) sec-Butylbenzene	11.890	105	11229	0.674	ug/l	99
86) p-Isopropyltoluene	12.006	119	8931	0.648	ug/l	87
87) 1,3-Dichlorobenzene	11.969	146	5388	0.749	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	5704m	0.787	ug/l	
89) n-Butylbenzene	12.335	91	7629	0.621	ug/l	97
90) Hexachloroethane	12.536	117	1866	0.647	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	5242	0.745	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	864	0.665	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	2890	0.640	ug/l	95
94) Hexachlorobutadiene	13.725	225	1202	0.642	ug/l	90
95) Naphthalene	13.774	128	9877	0.649	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2874	0.641	ug/l	93

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LOD-MDL-WATER-01-QT1-2023

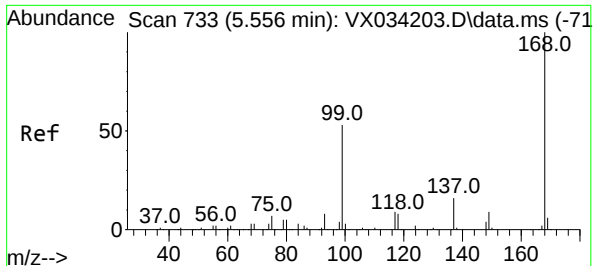
Quant Time: Feb 22 02:58:40 2023
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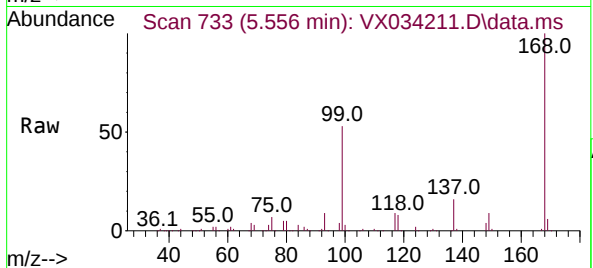
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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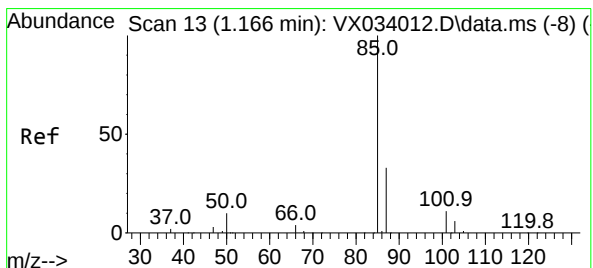
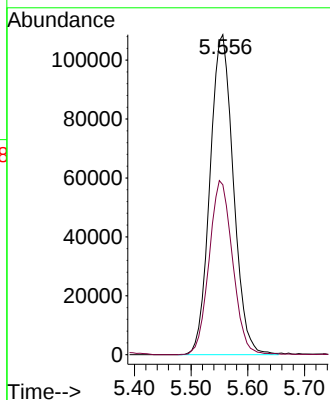
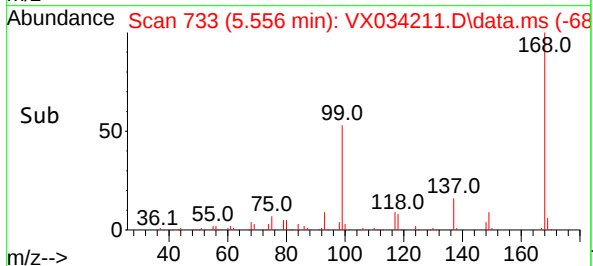
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:168 Resp: 31154
Ion Ratio Lower Upper
168 100
99 53.1 39.6 59.4

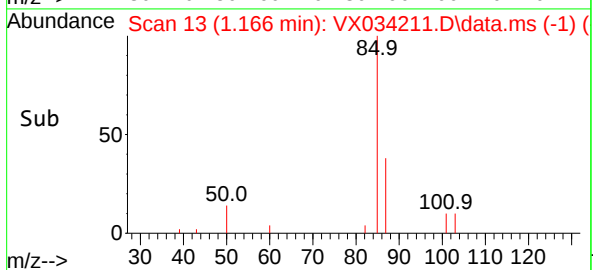
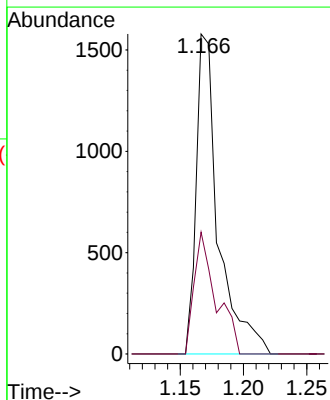
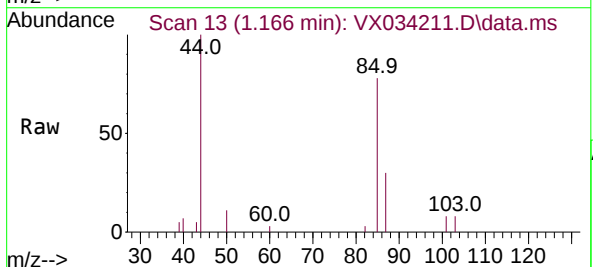
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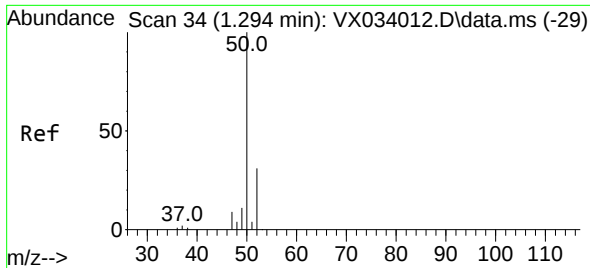
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#2
Dichlorodifluoromethane
Concen: 0.714 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 85 Resp: 1923
Ion Ratio Lower Upper
85 100
87 38.1 15.8 47.4





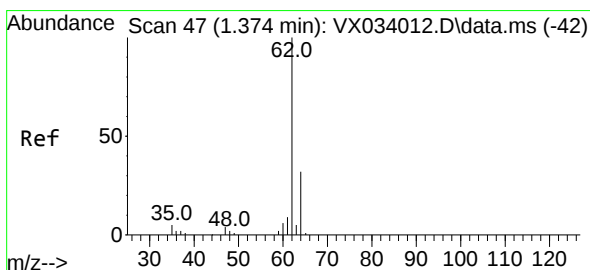
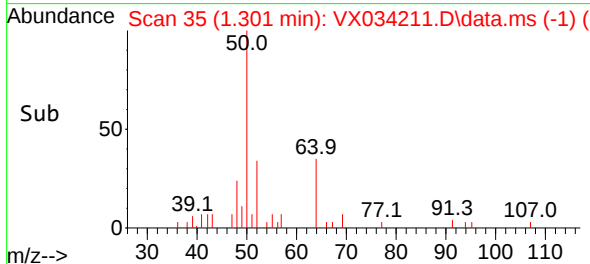
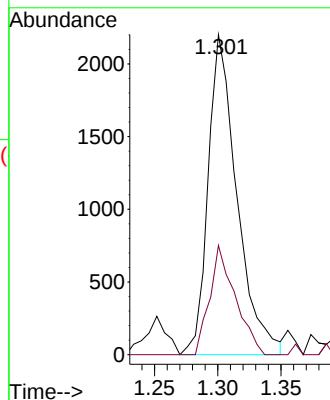
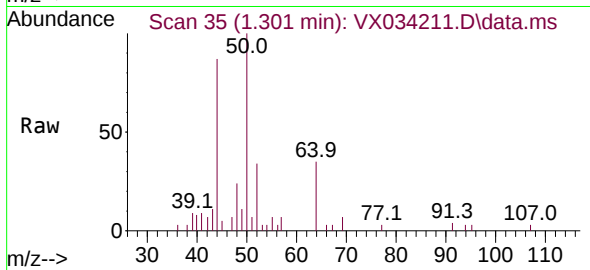
#3
Chloromethane
Concen: 0.901 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion: 50 Resp: 3492
Ion Ratio Lower Upper
50 100
52 34.2 25.2 37.8

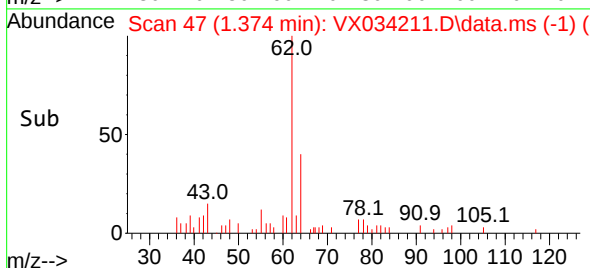
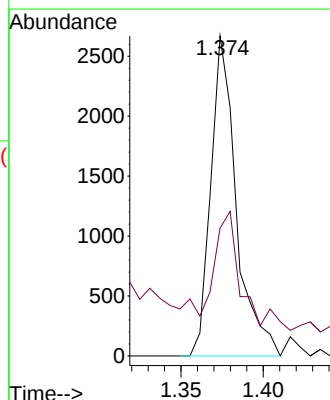
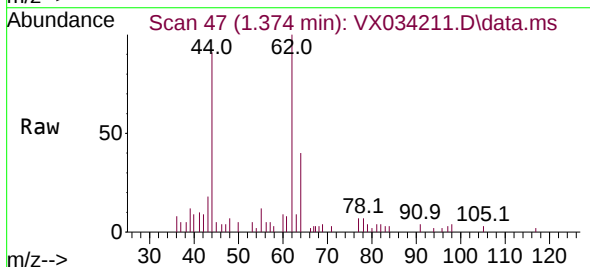
Manual Integrations
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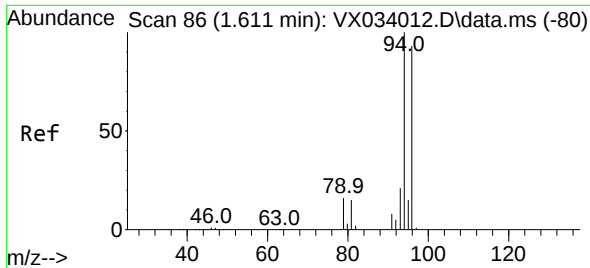
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#4
Vinyl Chloride
Concen: 0.812 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 62 Resp: 2866
Ion Ratio Lower Upper
62 100
64 29.1 26.2 39.4





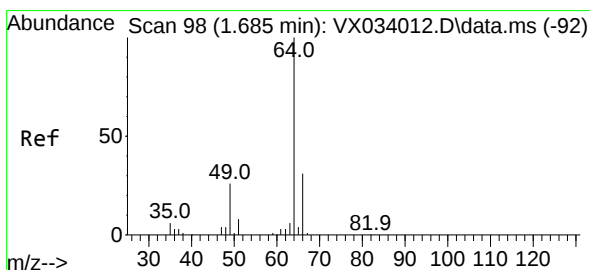
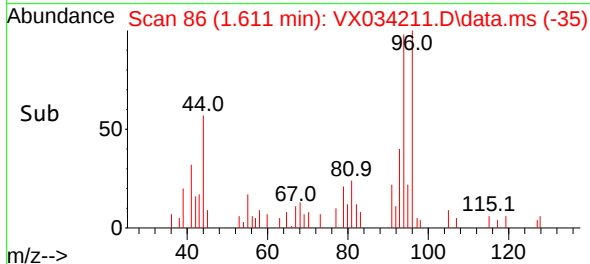
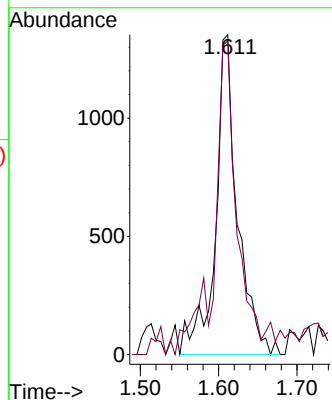
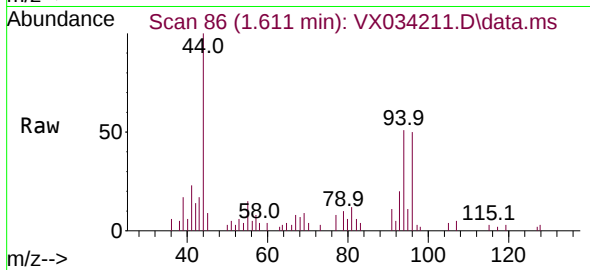
#5
Bromomethane
Concen: 1.887 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 90.3 74.3 111.5

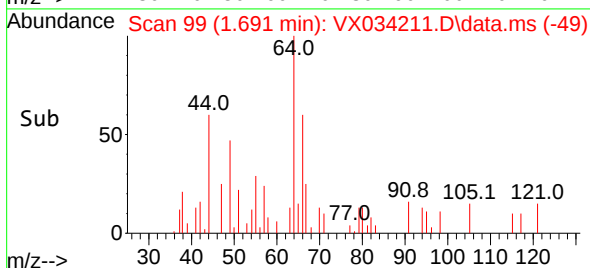
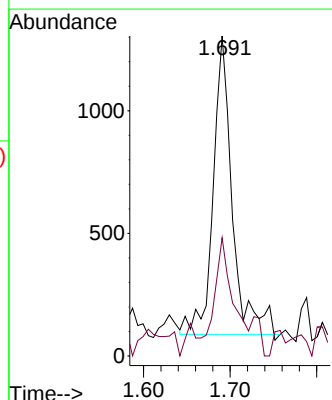
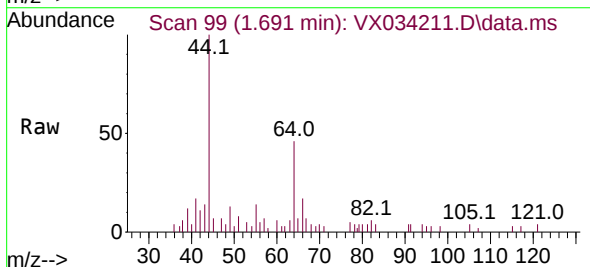
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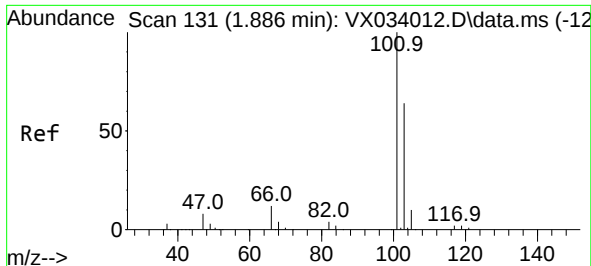
Reviewed By :John Carlone 02/22/2023
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#6
Chloroethane
Concen: 1.050 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 64 Resp: 1863
Ion Ratio Lower Upper
64 100
66 39.6 26.1 39.1#





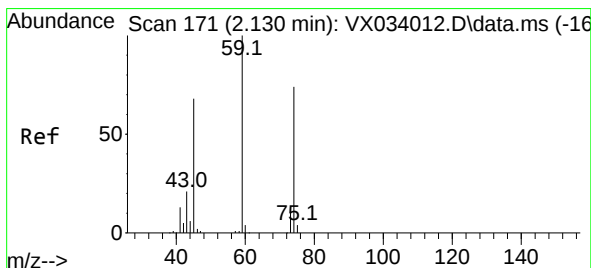
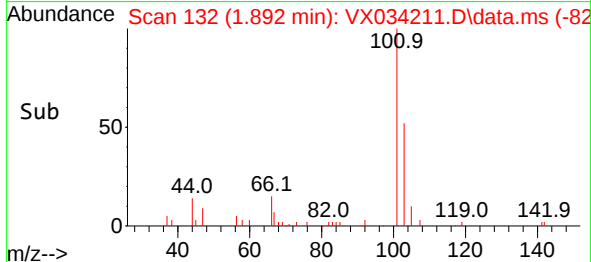
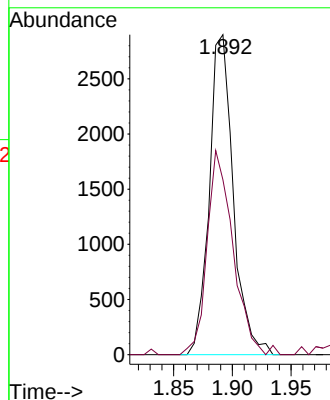
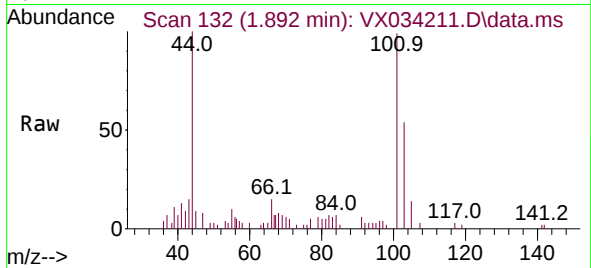
#7
Trichlorofluoromethane
Concen: 0.860 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion:101 Resp: 410
Ion Ratio Lower Upper
101 100
103 54.7 50.6 75.8

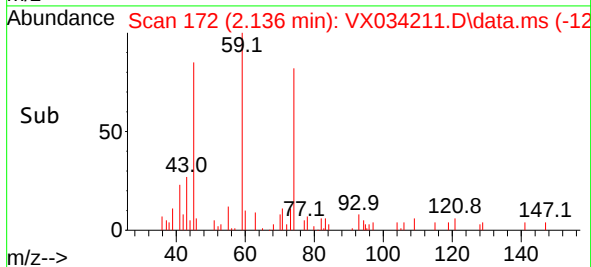
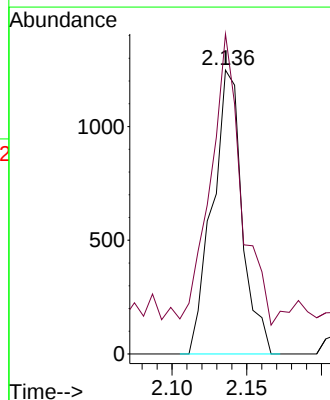
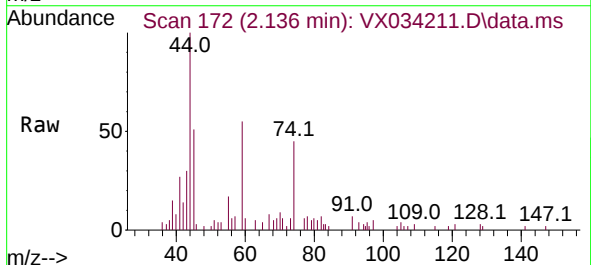
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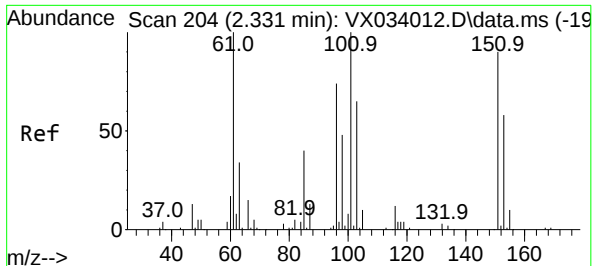
Reviewed By :John Carlone 02/22/2023
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#8
Diethyl Ether
Concen: 0.898 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 74 Resp: 1726
Ion Ratio Lower Upper
74 100
45 100.8 51.5 154.5





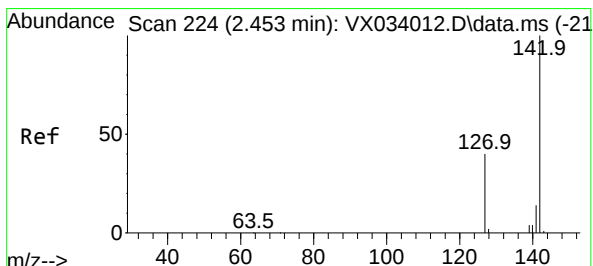
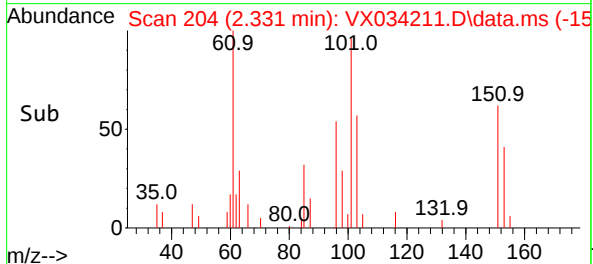
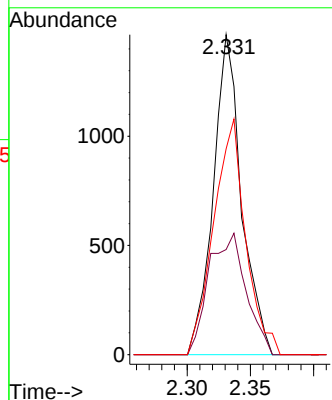
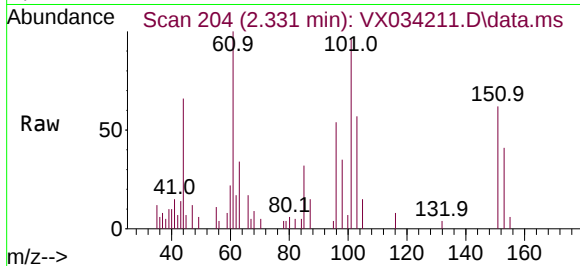
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.678 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion:101 Resp: 2278
Ion Ratio Lower Upper
101 100
85 49.9 36.7 55.1
151 83.1 66.5 99.7

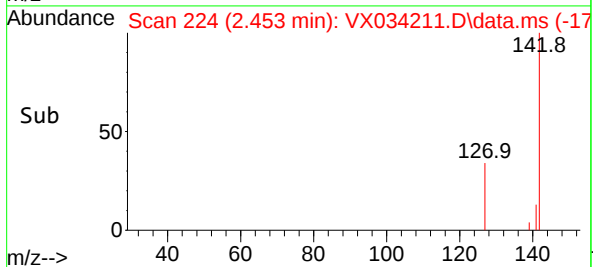
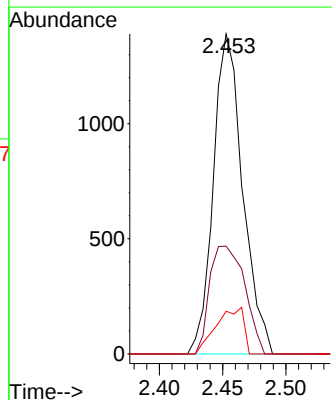
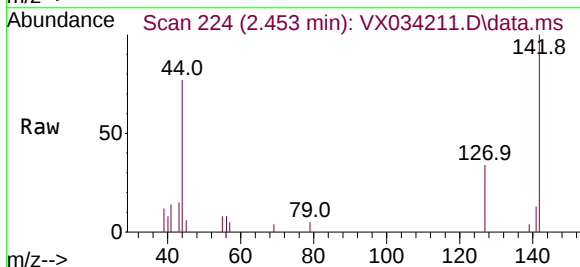
Manual Integrations
APPROVED

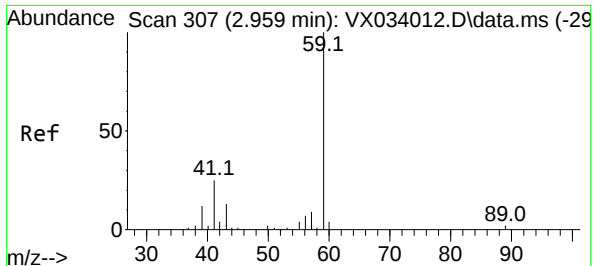
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 0.548 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion:142 Resp: 2244
Ion Ratio Lower Upper
142 100
127 40.2 37.3 55.9
141 13.6 11.5 17.3





#11

Tert butyl alcohol

Concen: 5.156 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 59 Resp: 4839

Ion Ratio Lower Upper

59 100

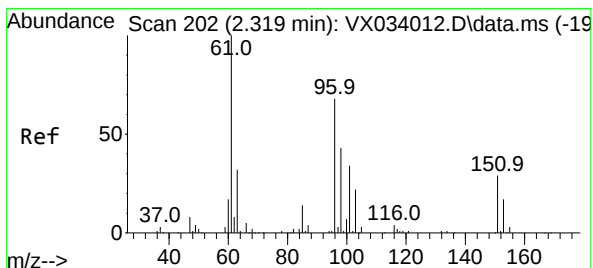
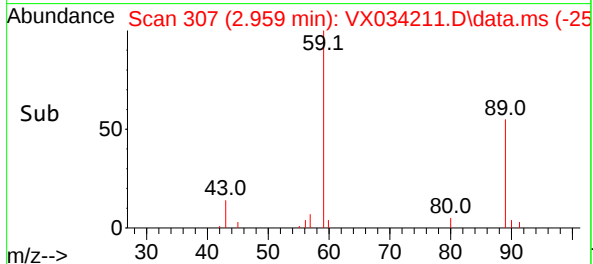
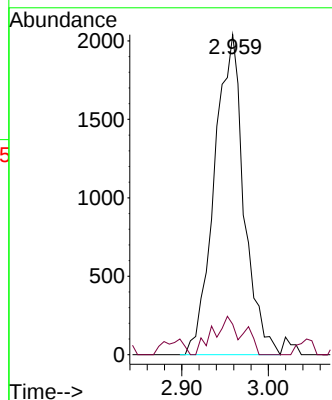
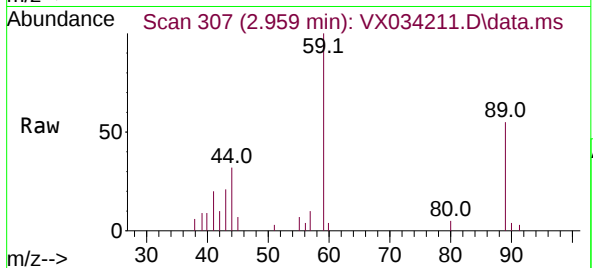
57 8.8 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#12

1,1-Dichloroethene

Concen: 0.649 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

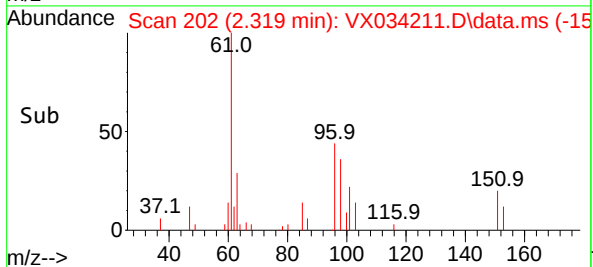
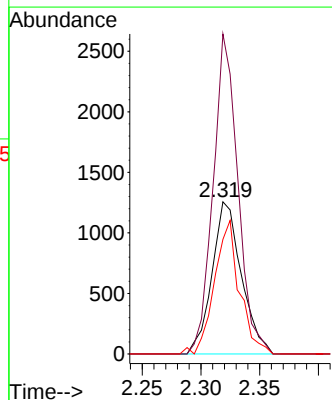
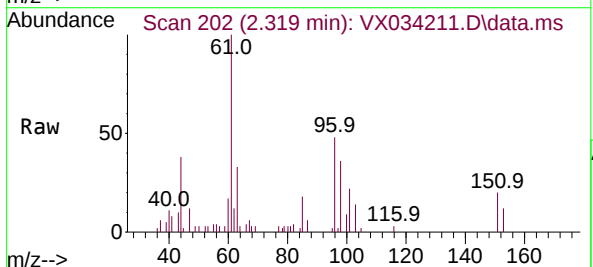
Tgt Ion: 96 Resp: 2187

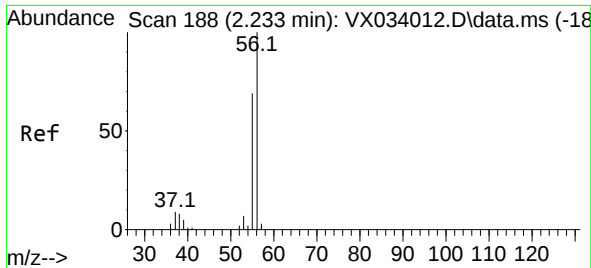
Ion Ratio Lower Upper

96 100

61 210.3 134.2 201.4#

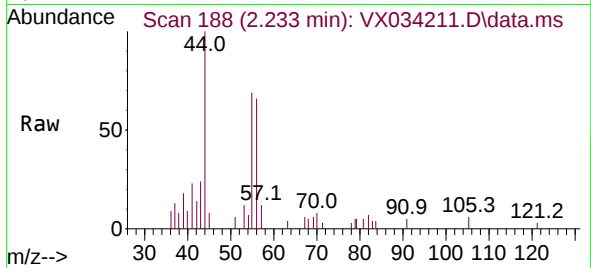
98 75.3 50.2 75.2#





#13
Acrolein
Concen: 4.057 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

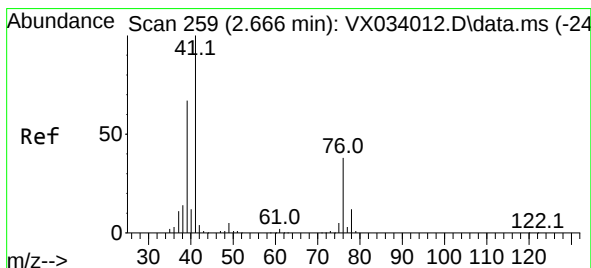
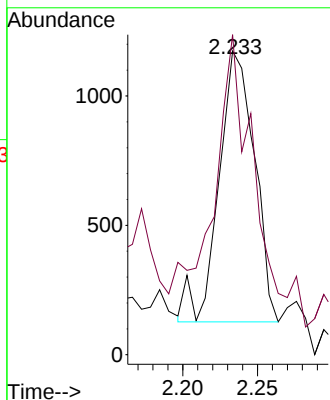
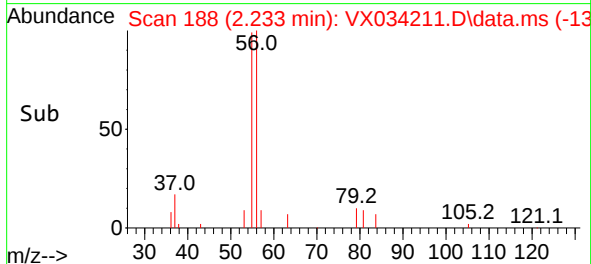
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 56 Resp: 1738
Ion Ratio Lower Upper
56 100
55 117.0 56.3 84.5

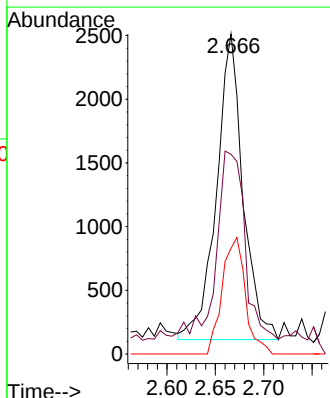
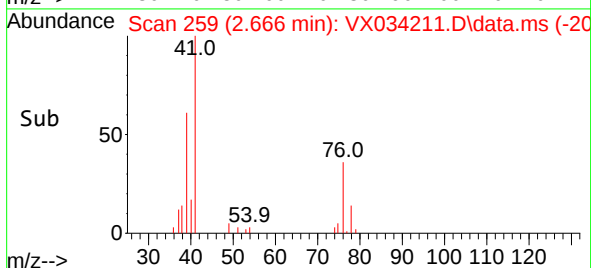
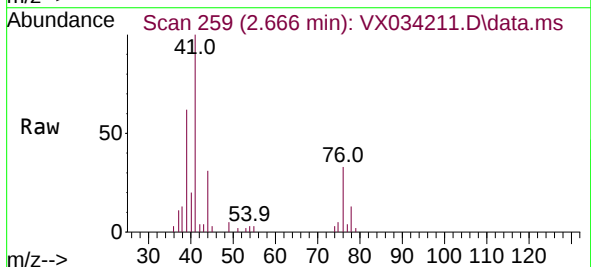
Manual Integrations
APPROVED

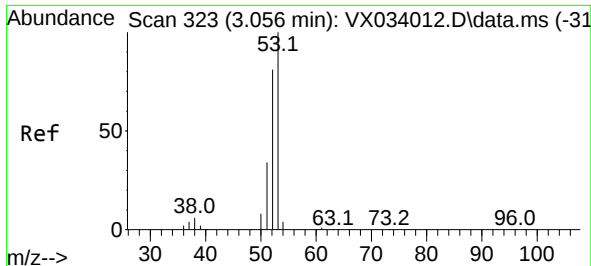
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#14
Allyl chloride
Concen: 0.640 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 41 Resp: 4577
Ion Ratio Lower Upper
41 100
39 65.2 59.0 88.4
76 33.2 24.6 37.0





#15

Acrylonitrile

Concen: 3.636 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

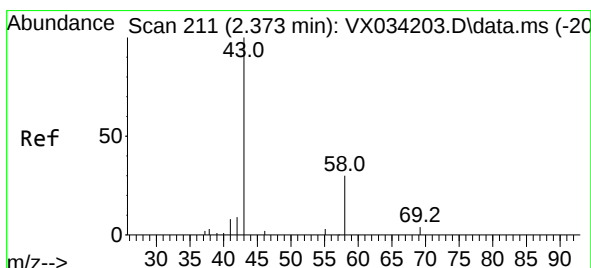
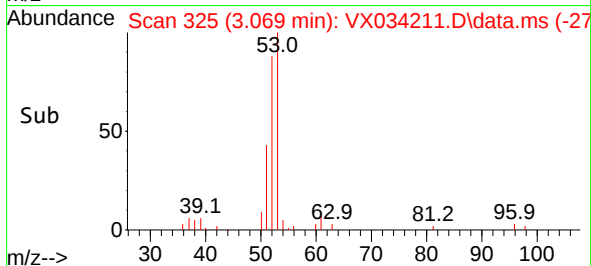
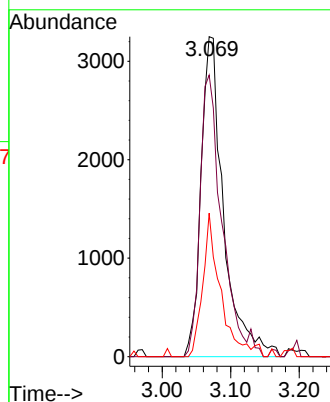
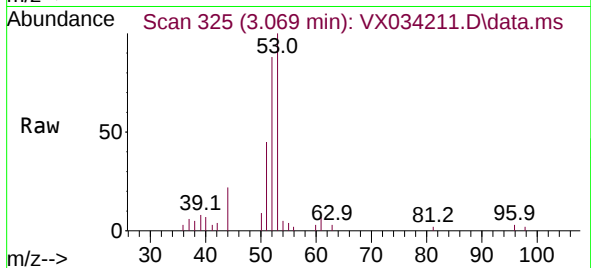
Tgt Ion: 53	Resp: 744
Ion Ratio	Lower Upper
53 100	
52 85.9	65.7 98.5
51 35.8	29.0 43.4

Manual Integrations

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#16

Acetone

Concen: 3.620 ug/l

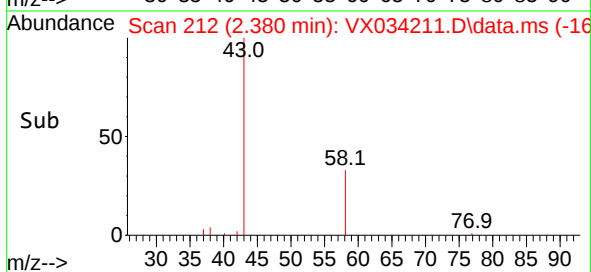
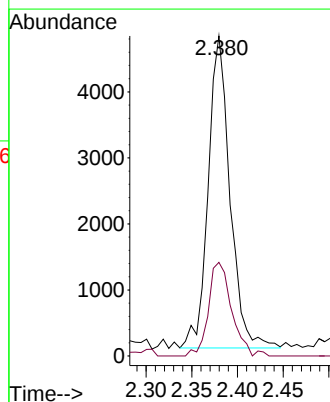
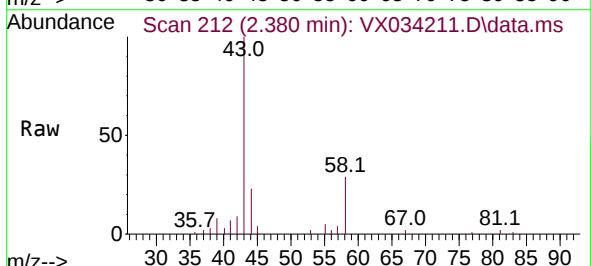
RT: 2.380 min Scan# 212

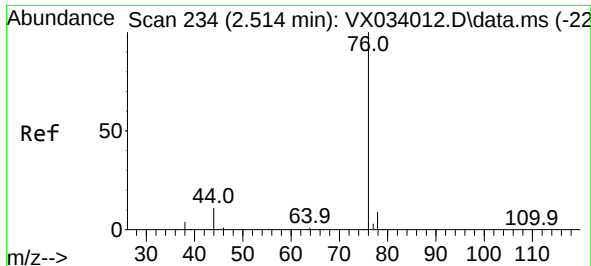
Delta R.T. 0.006 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Tgt Ion: 43	Resp: 7835
Ion Ratio	Lower Upper
43 100	
58 30.0	22.6 33.8





#17

Carbon Disulfide

Concen: 0.700 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 76 Resp: 6778

Ion Ratio Lower Upper

76 100

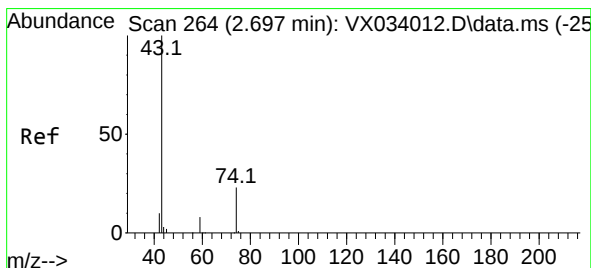
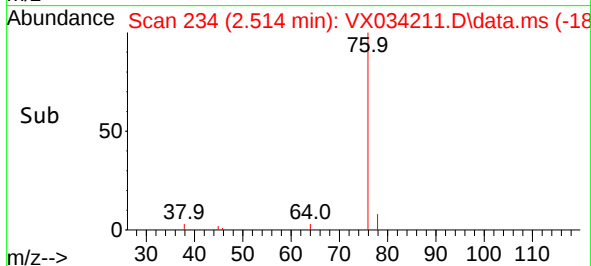
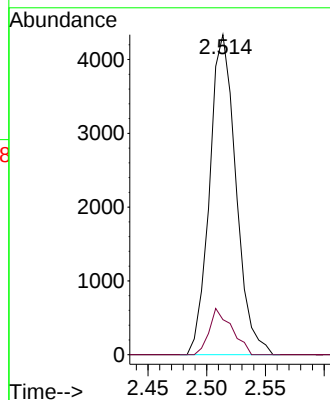
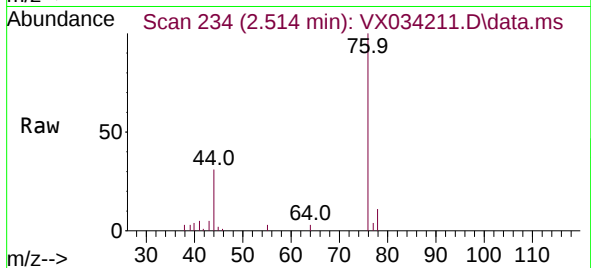
78 11.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#18

Methyl Acetate

Concen: 0.736 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.012 min

Lab File: VX034211.D

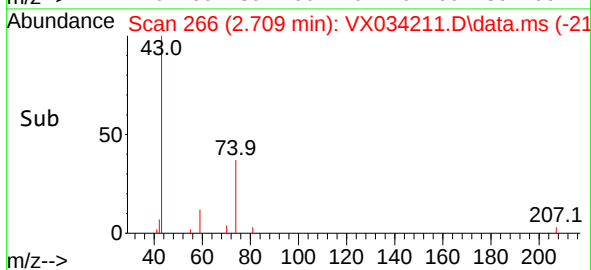
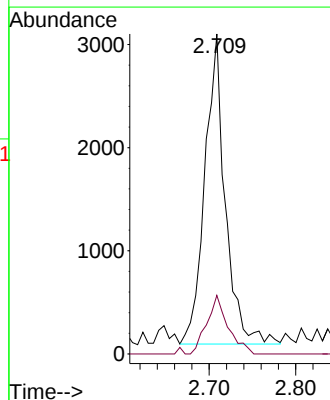
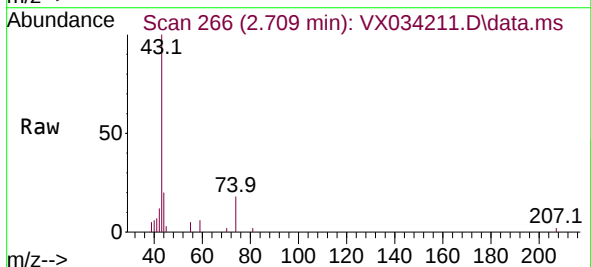
Acq: 21 Feb 2023 15:54

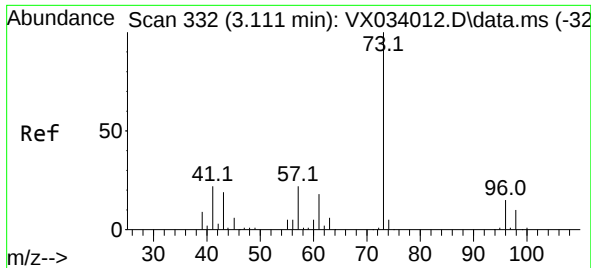
Tgt Ion: 43 Resp: 4929

Ion Ratio Lower Upper

43 100

74 19.6 18.2 27.4





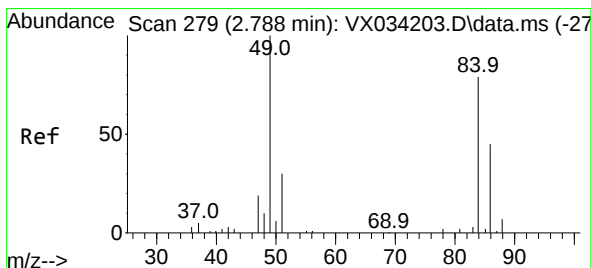
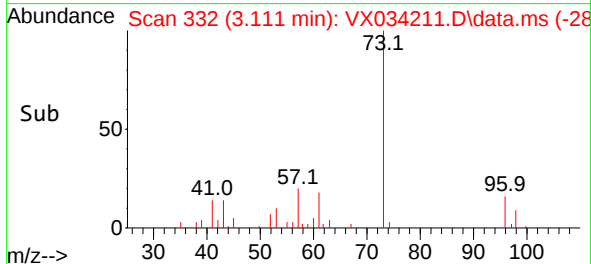
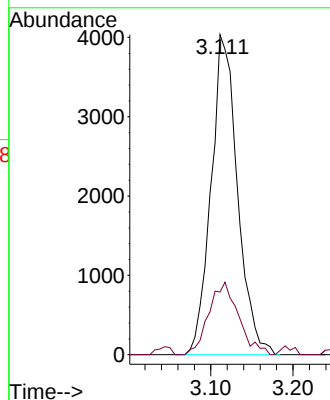
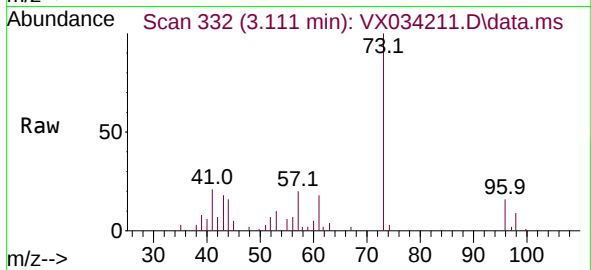
#19
Methyl tert-butyl Ether
Concen: 0.759 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion: 73 Resp: 9020
Ion Ratio Lower Upper
73 100
57 19.6 17.4 26.0

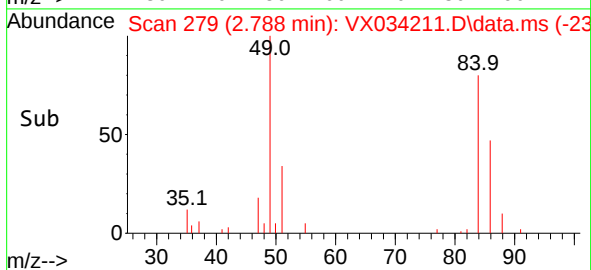
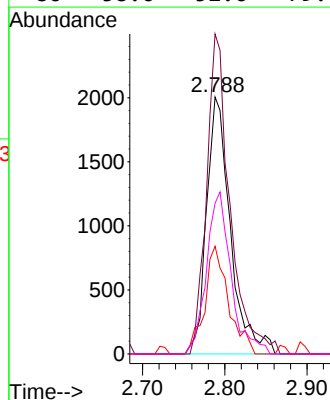
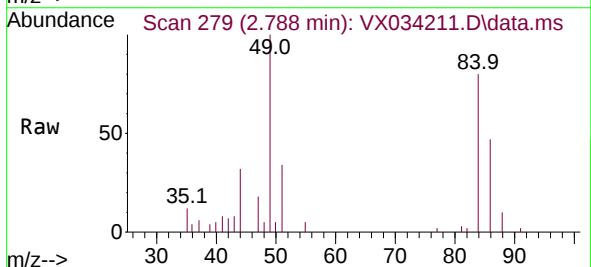
Manual Integrations
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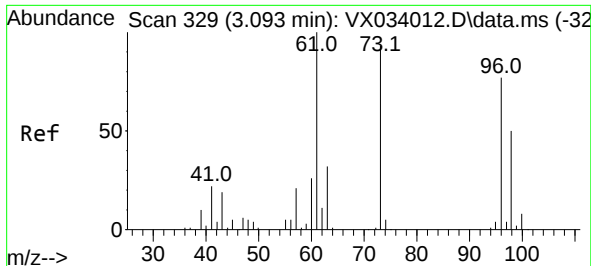
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 1.038 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

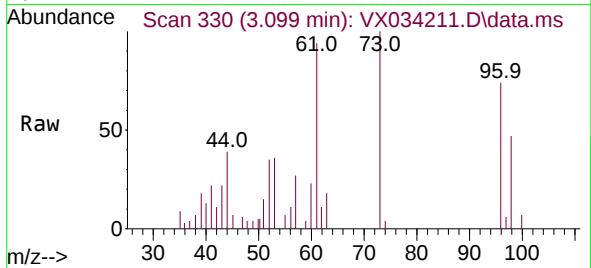
Tgt Ion: 84 Resp: 4048
Ion Ratio Lower Upper
84 100
49 124.5 101.1 151.7
51 41.9 31.0 46.6
86 58.6 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 0.760 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

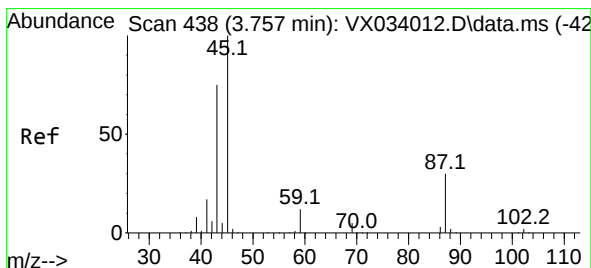
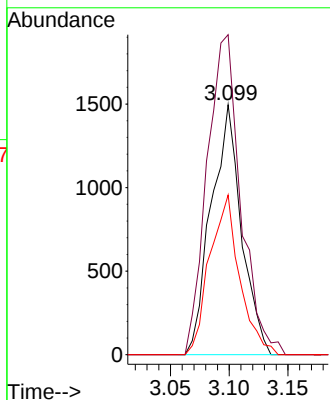
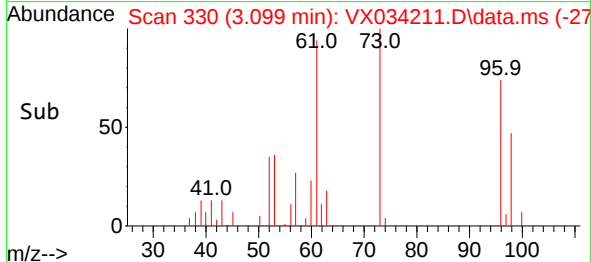
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



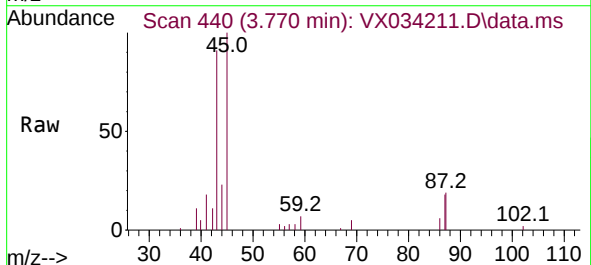
Tgt Ion: 96 Resp: 2684
Ion Ratio Lower Upper
96 100
61 128.0 106.7 160.1
98 63.9 50.0 75.0

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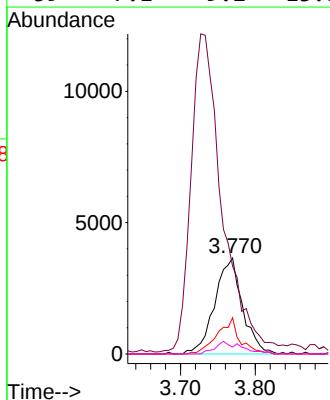
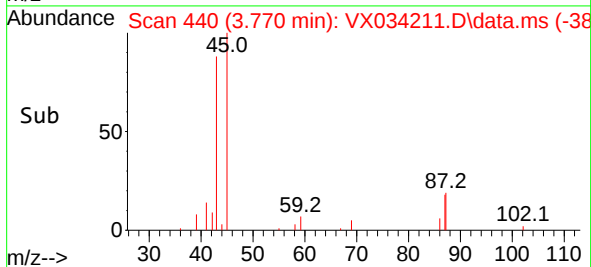
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#22
Diisopropyl ether
Concen: 0.754 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.012 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54



Tgt Ion: 45 Resp: 9449
Ion Ratio Lower Upper
45 100
43 82.5 64.6 97.0
87 37.6 21.9 32.9#
59 7.1 9.2 13.8#





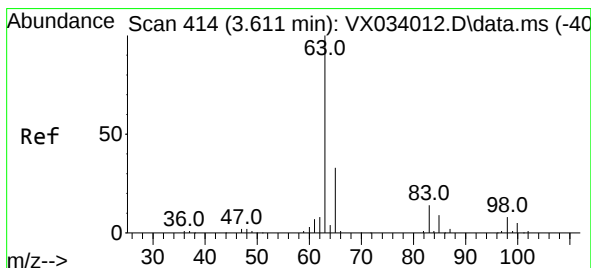
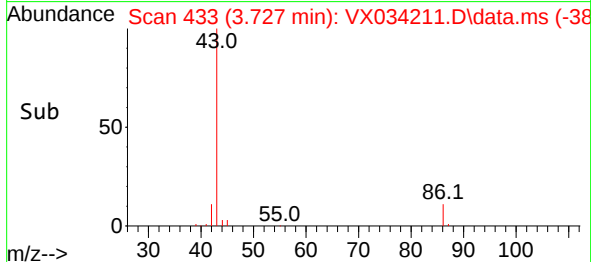
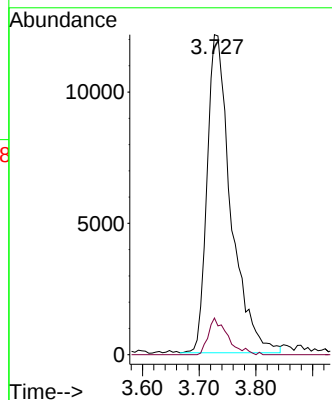
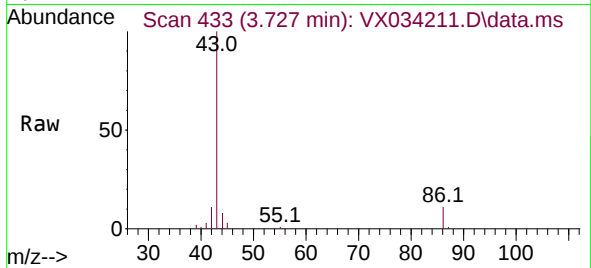
#23
 Vinyl Acetate
 Concen: 3.530 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VX034211.D
 Acq: 21 Feb 2023 15:54

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

Tgt Ion: 43 Resp: 35440
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.4 12.6

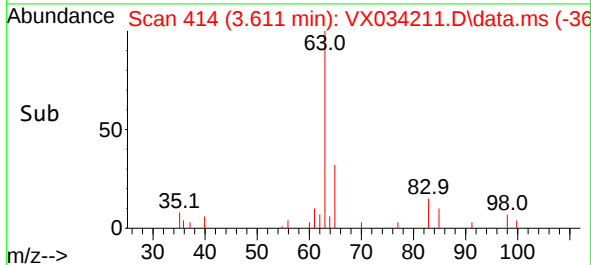
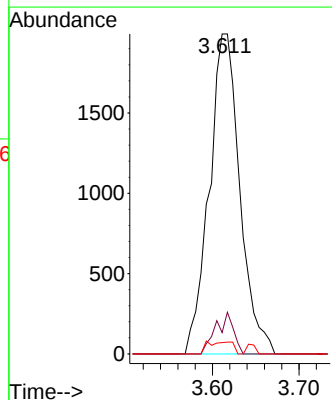
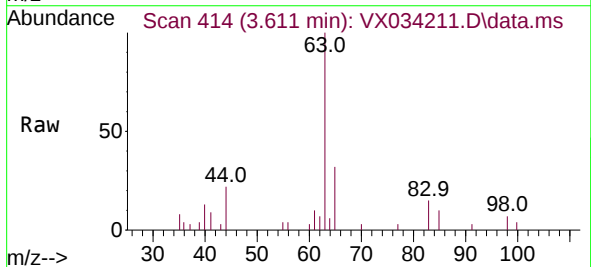
Manual Integrations
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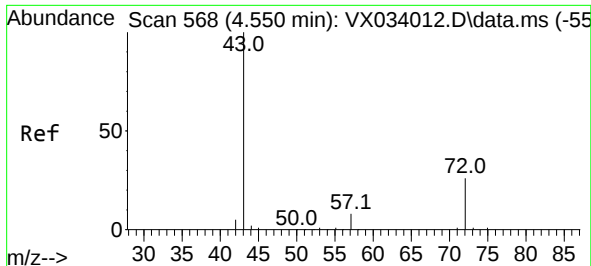
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#24
 1,1-Dichloroethane
 Concen: 0.711 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034211.D
 Acq: 21 Feb 2023 15:54

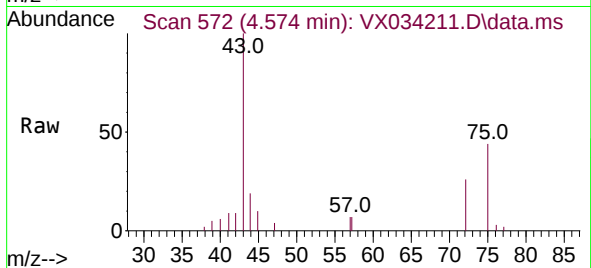
Tgt Ion: 63 Resp: 4888
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 3.6 2.4 7.2





#25
2-Butanone
Concen: 3.429 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

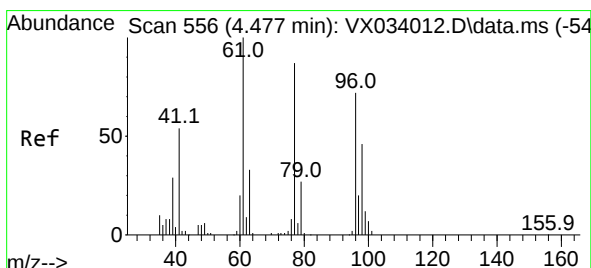
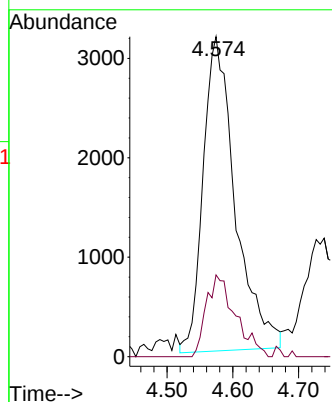
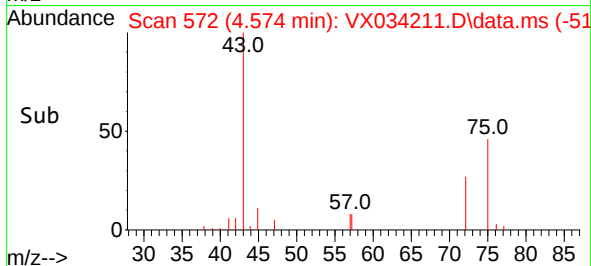
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 43 Resp: 10738
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2

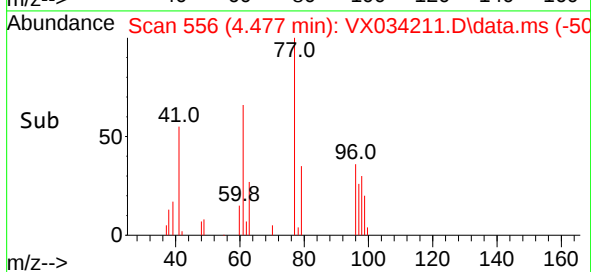
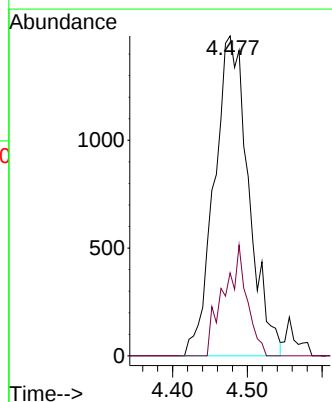
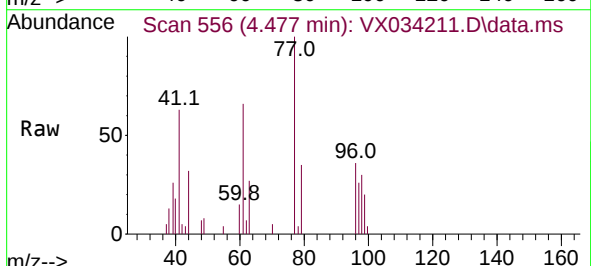
Manual Integrations
APPROVED

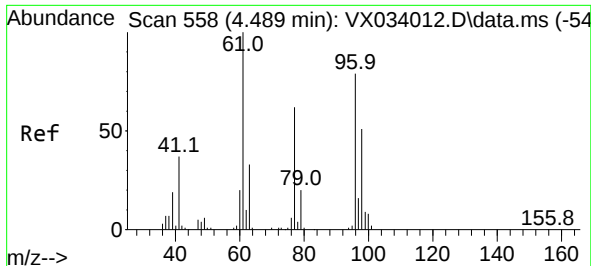
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 0.764 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 77 Resp: 4759
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.729 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.018 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

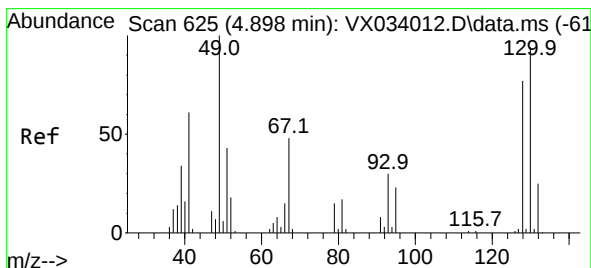
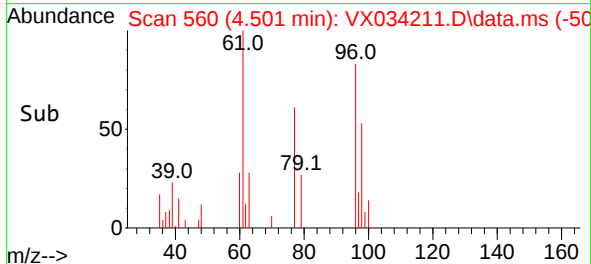
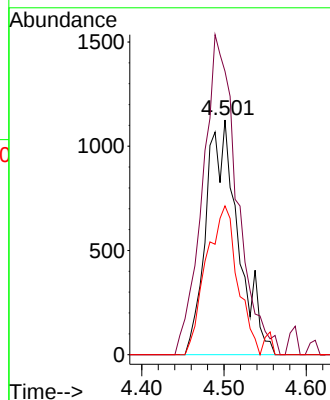
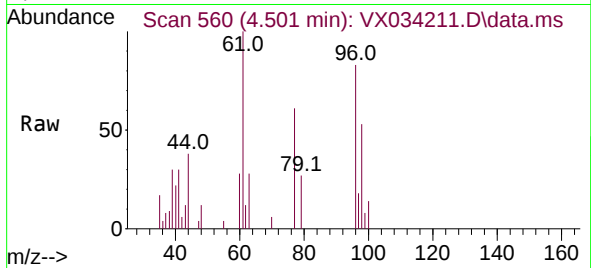
Tgt Ion: 96	Resp: 3049
Ion Ratio	Lower Upper
96 100	
61 146.5	0.0 277.6
98 62.2	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#28

Bromochloromethane

Concen: 0.676 ug/l

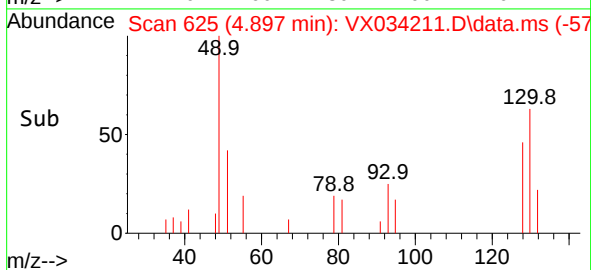
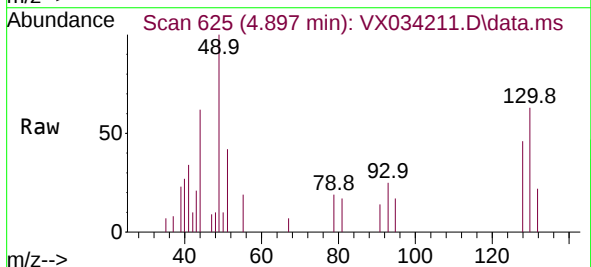
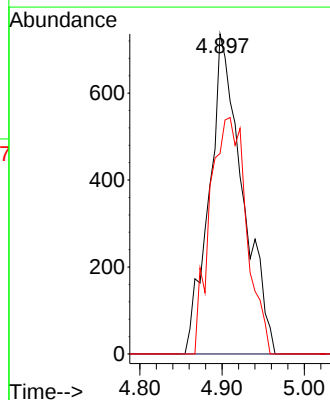
RT: 4.897 min Scan# 625

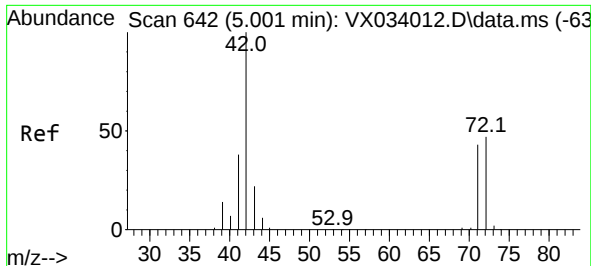
Delta R.T. 0.006 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Tgt Ion: 49	Resp: 2074
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.6
130 80.7	68.5 102.7





#29

Tetrahydrofuran

Concen: 3.766 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

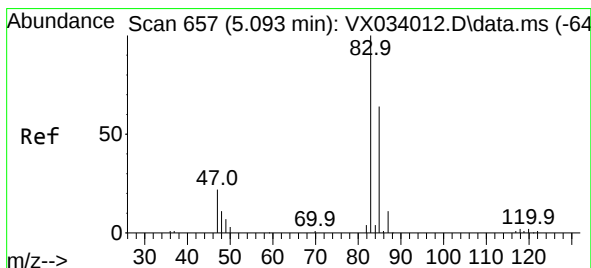
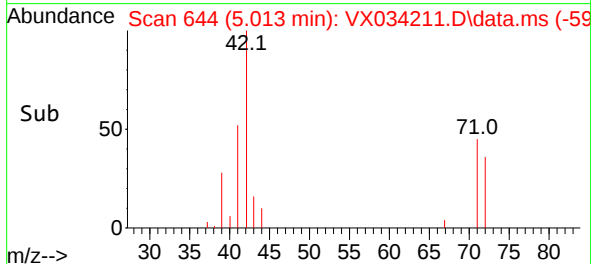
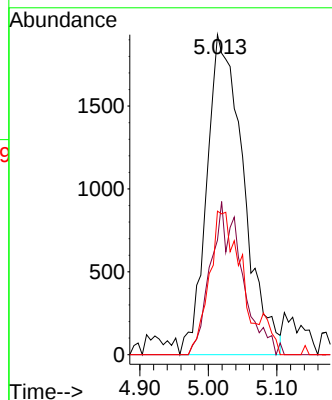
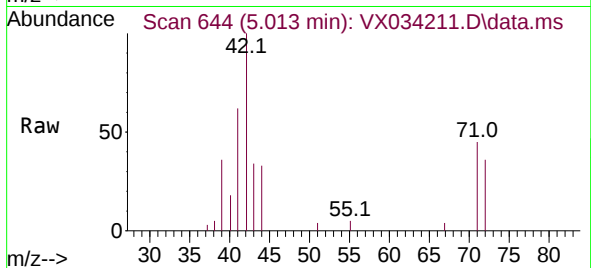
Tgt Ion:	42	Resp:	7194
Ion	Ratio	Lower	Upper
42	100		
72	41.0	34.8	52.2
71	38.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 0.797 ug/l

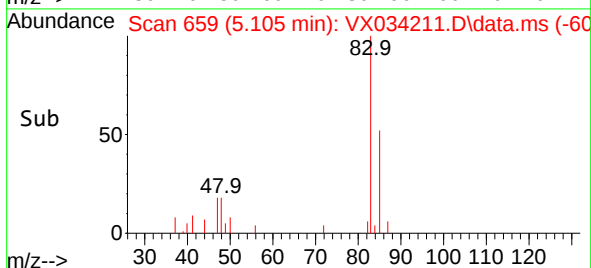
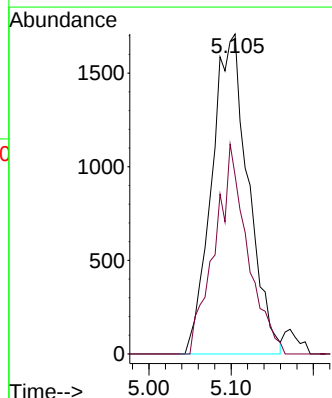
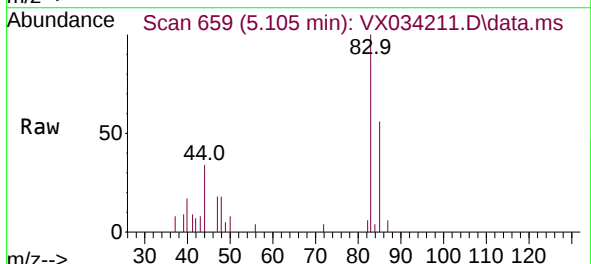
RT: 5.105 min Scan# 659

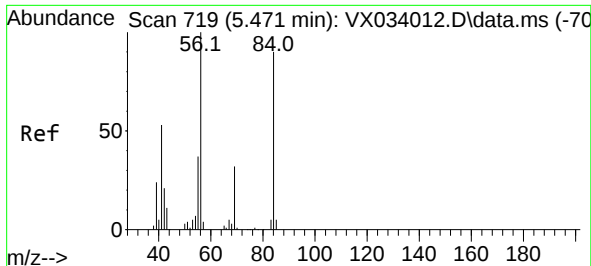
Delta R.T. 0.012 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

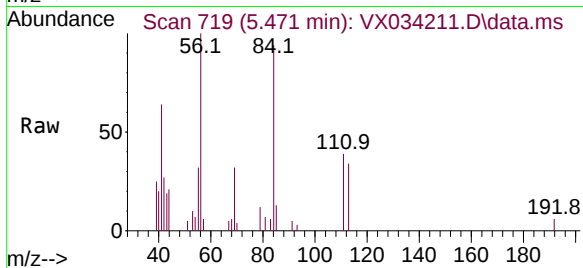
Tgt Ion:	83	Resp:	5265
Ion	Ratio	Lower	Upper
83	100		
85	55.8	52.1	78.1





#31
Cyclohexane
Concen: 0.842 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

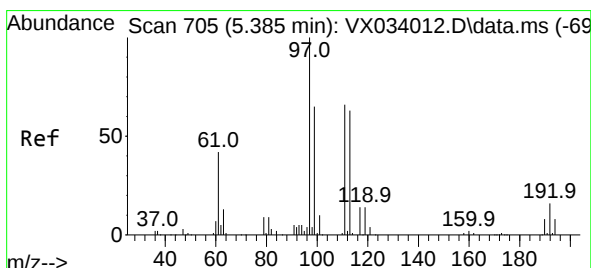
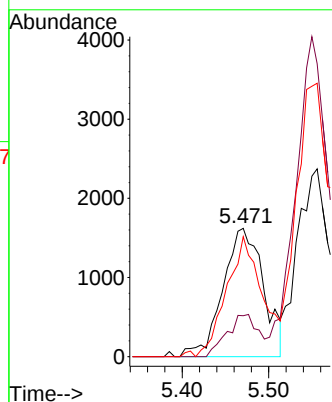
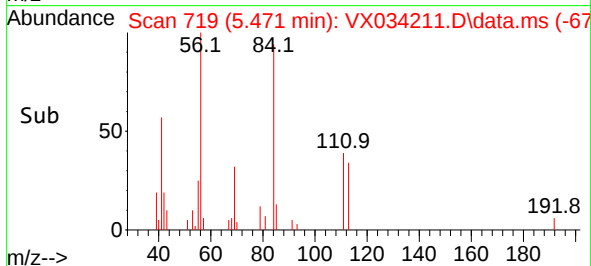
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 56 Resp: 5274
Ion Ratio Lower Upper
56 100
69 31.9 24.6 37.0
84 93.5 71.0 106.6

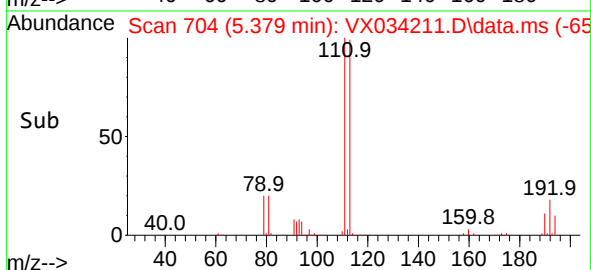
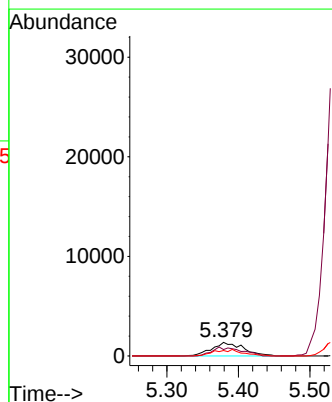
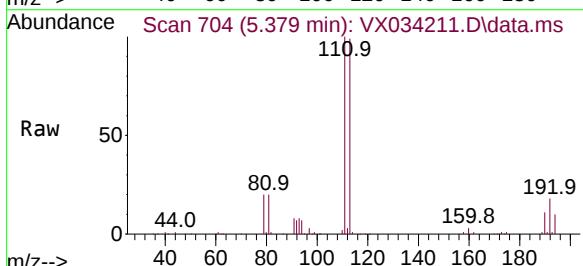
Manual Integrations
APPROVED

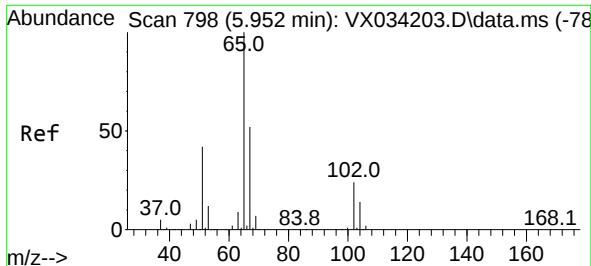
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#32
1,1,1-Trichloroethane
Concen: 0.707 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 97 Resp: 4184
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5#
61 42.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.139 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 65 Resp: 19358

Ion Ratio Lower Upper

65 100

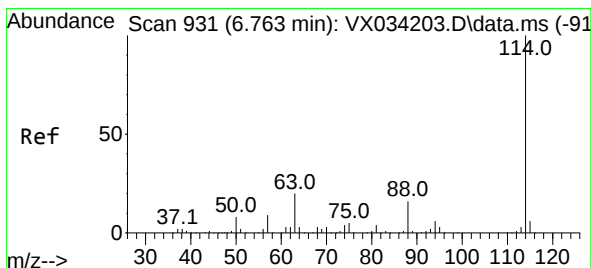
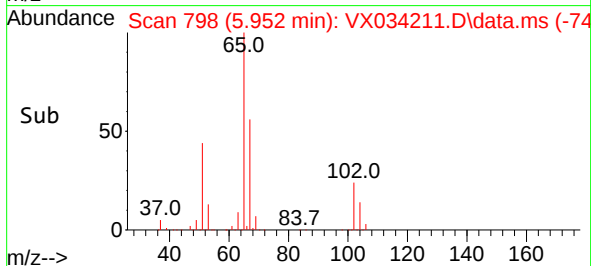
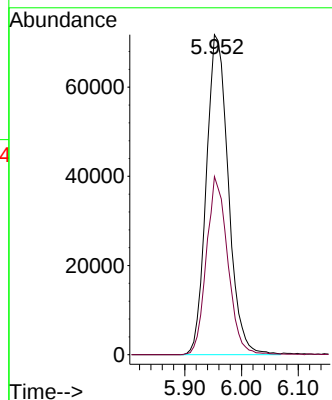
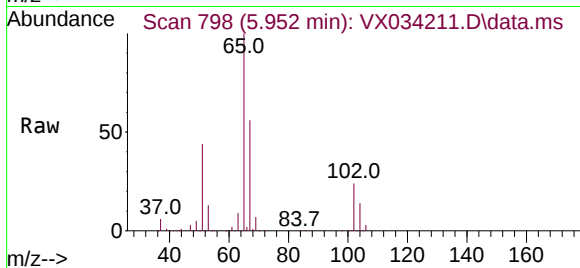
67 53.9 0.0 104.8

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: VX034211.D

Acq: 21 Feb 2023 15:54

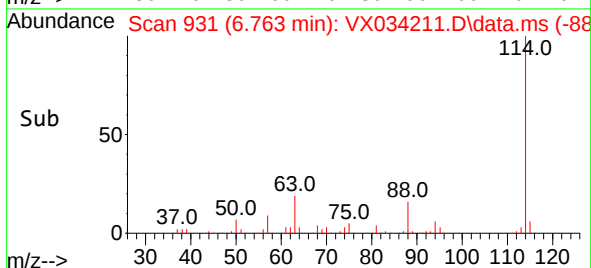
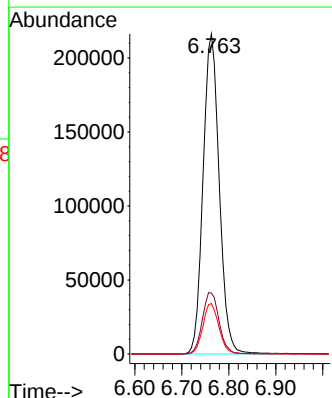
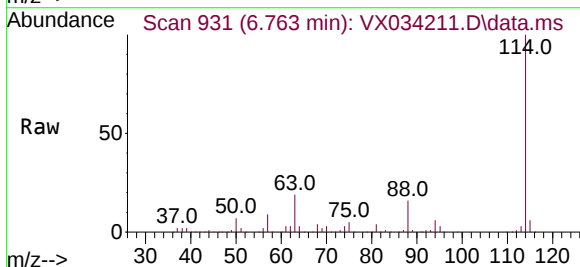
Tgt Ion:114 Resp: 516615

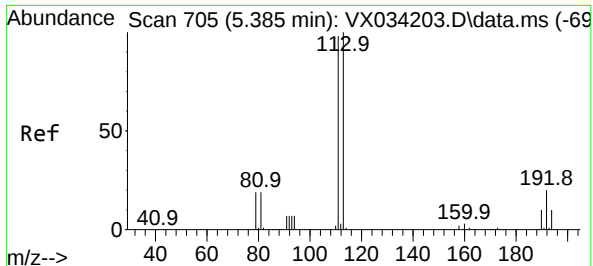
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

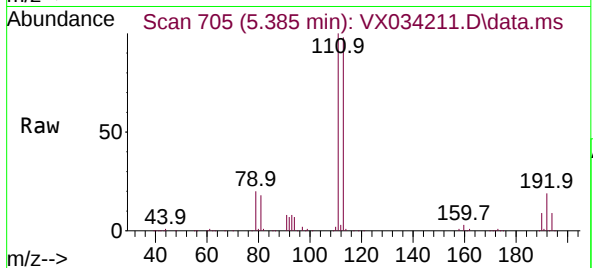
88 15.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.606 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

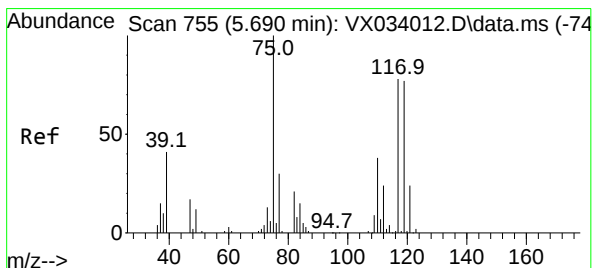
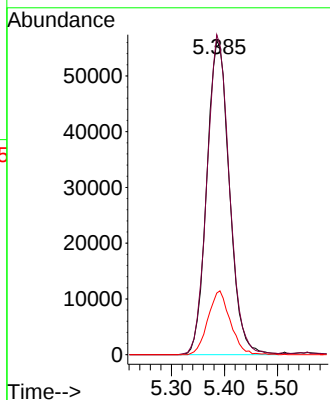
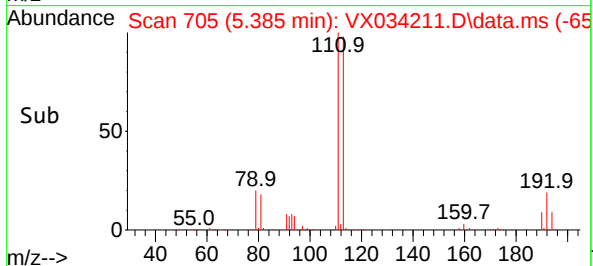
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:113 Resp: 16685
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.6
192 20.1 19.0 28.4

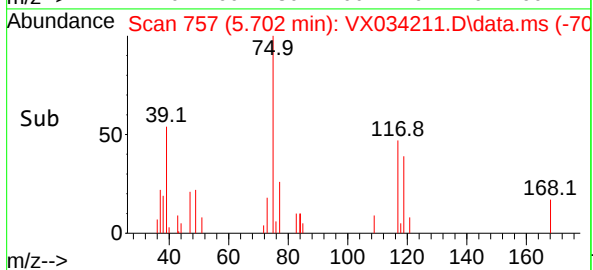
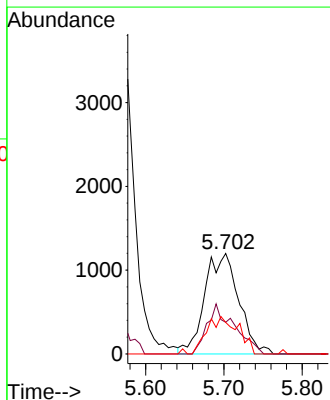
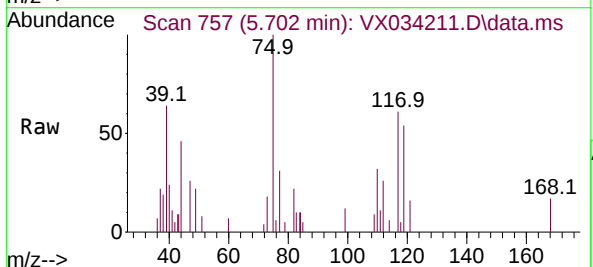
Manual Integrations
APPROVED

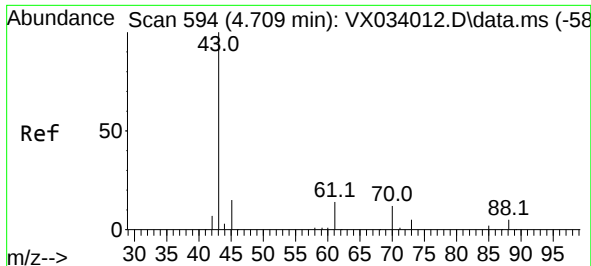
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#36
1,1-Dichloropropene
Concen: 0.729 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 75 Resp: 3625
Ion Ratio Lower Upper
75 100
110 39.9 18.8 56.4
77 34.3 25.1 37.7





#37

Ethyl Acetate

Concen: 0.701 ug/l

RT: 4.739 min Scan# 594

Delta R.T. 0.031 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 3890

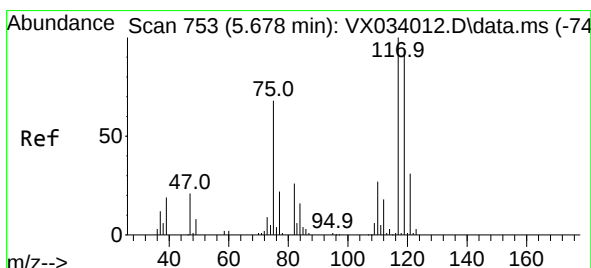
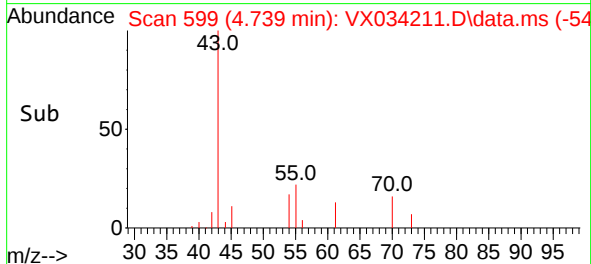
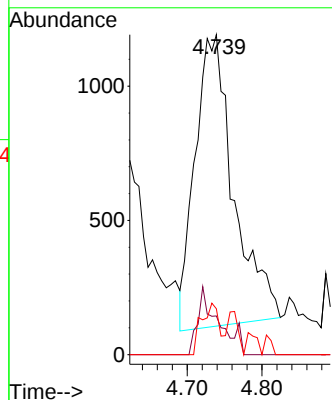
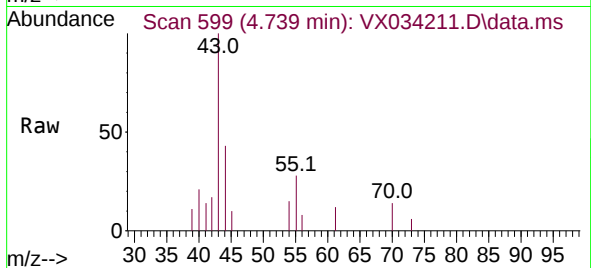
Ion	Ratio	Lower	Upper
43	100		
61	12.5	11.1	16.7
70	7.9	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#38

Carbon Tetrachloride

Concen: 0.765 ug/l

RT: 5.684 min Scan# 754

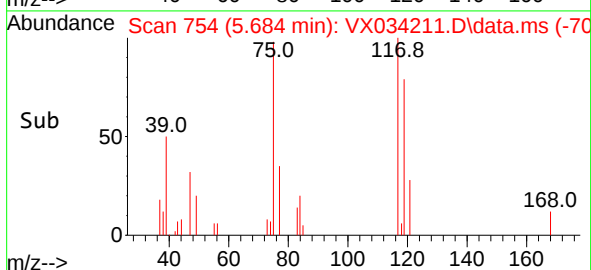
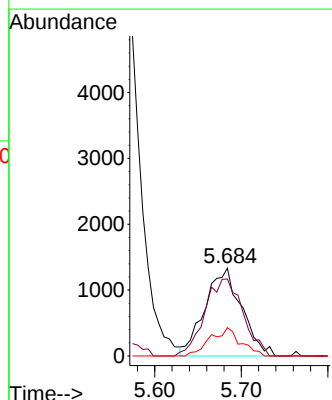
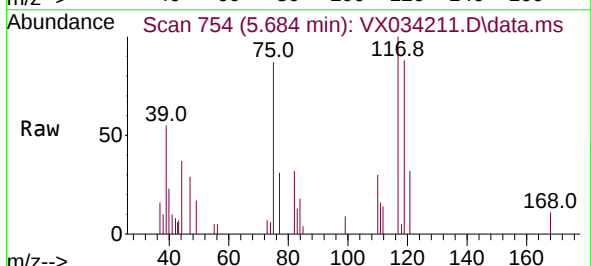
Delta R.T. 0.012 min

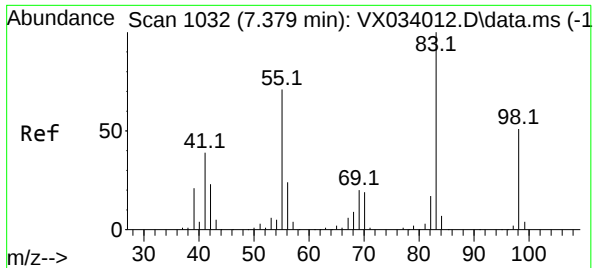
Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Tgt Ion:117 Resp: 3915

Ion	Ratio	Lower	Upper
117	100		
119	87.6	78.0	117.0
121	32.2	24.4	36.6





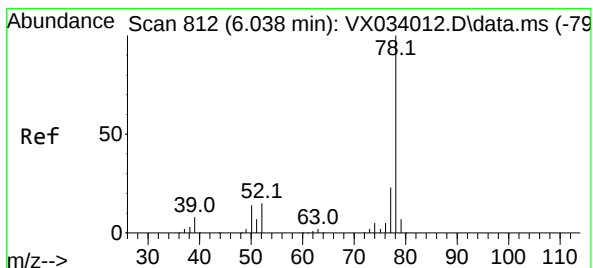
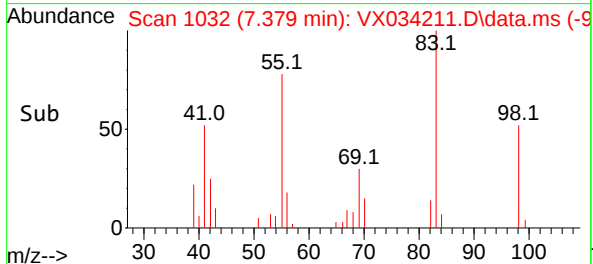
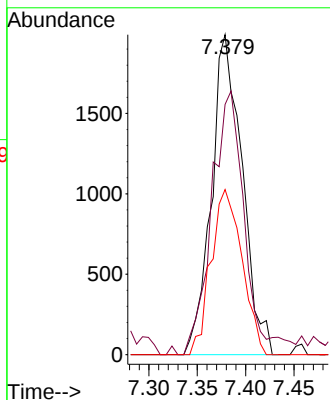
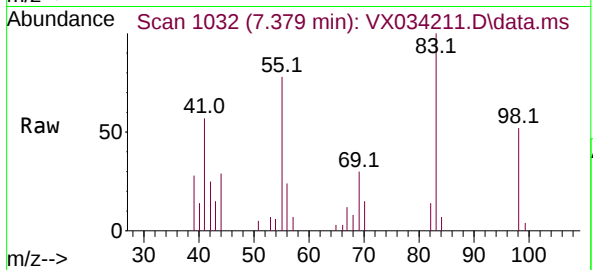
#39
Methylcyclohexane
Concen: 0.688 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion: 83 Resp: 440
Ion Ratio Lower Upper
83 100
55 78.2 61.8 92.6
98 51.6 39.3 58.9

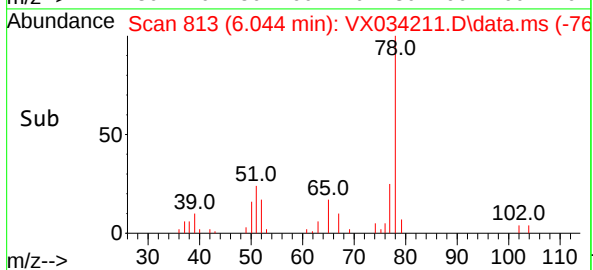
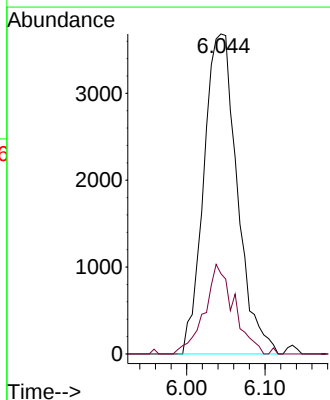
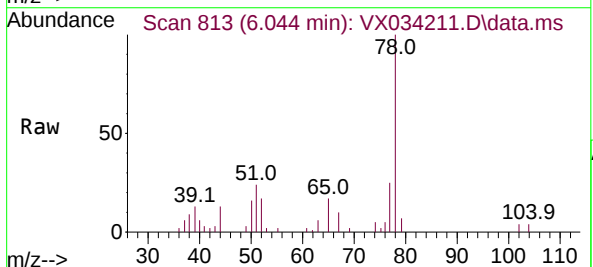
Manual Integrations
APPROVED

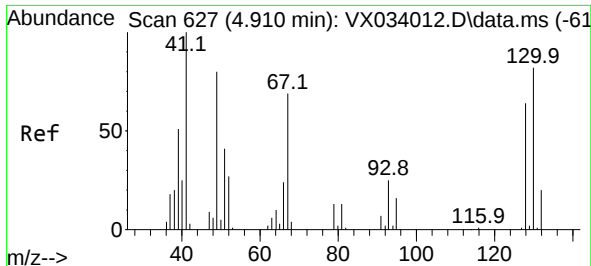
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#40
Benzene
Concen: 0.741 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

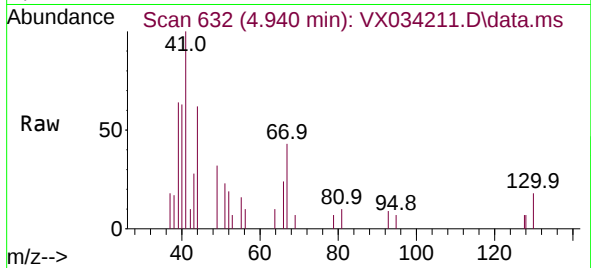
Tgt Ion: 78 Resp: 10930
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.4





#41
Methacrylonitrile
Concen: 0.839 ug/l m
RT: 4.940 min Scan# 61
Delta R.T. 0.025 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

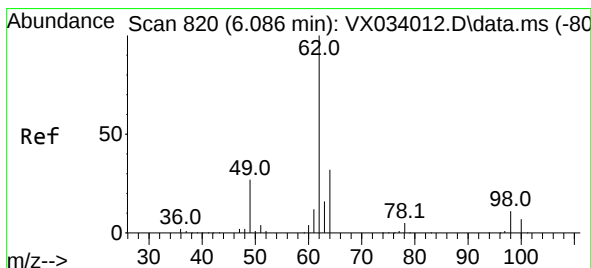
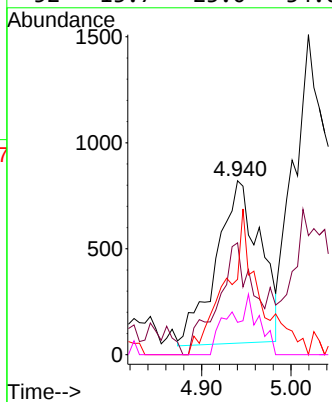
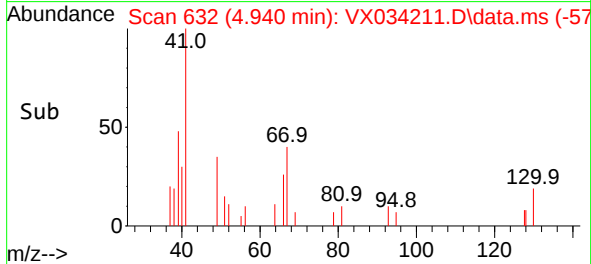
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 41 Resp: 259
Ion Ratio Lower Upper
41 100
39 55.6 43.8 65.6
67 68.3 54.8 82.2
52 13.7 23.0 34.6#

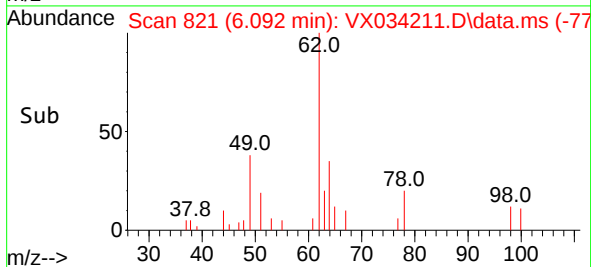
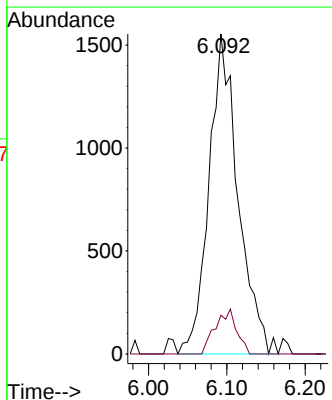
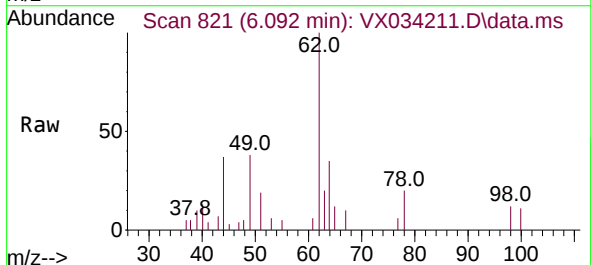
Manual Integrations
APPROVED

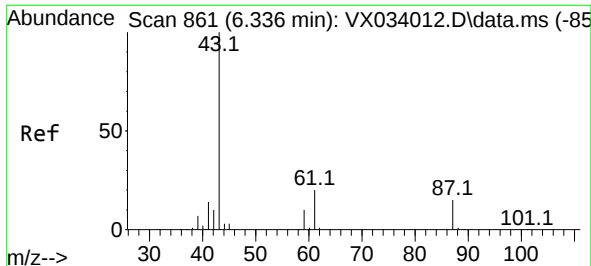
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#42
1,2-Dichloroethane
Concen: 0.775 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 62 Resp: 4018
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2





#43

Isopropyl Acetate

Concen: 0.723 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034211.D

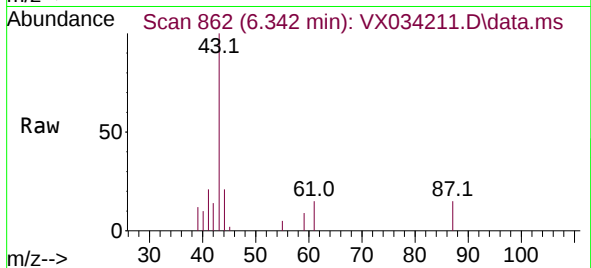
Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



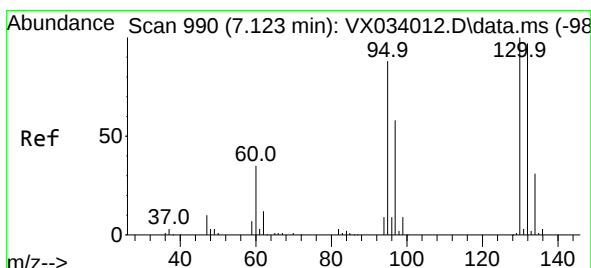
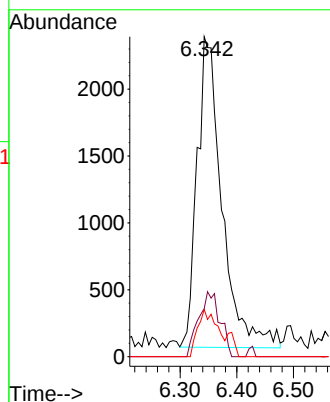
Tgt Ion: 43	Resp: 709
Ion Ratio	Lower Upper
43	100
61	17.9 15.7 23.5
87	11.9 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#44

Trichloroethene

Concen: 0.716 ug/l

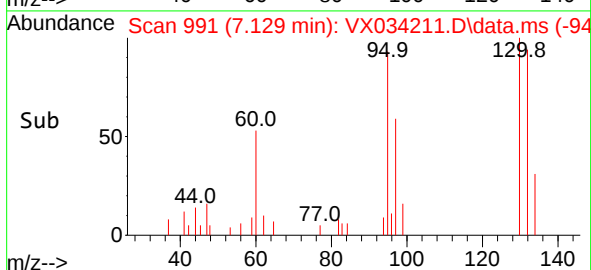
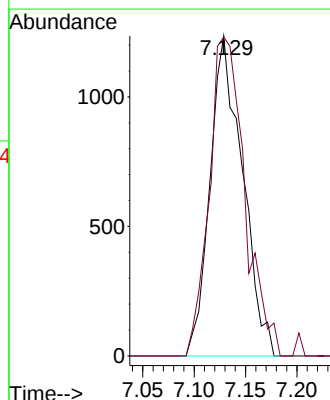
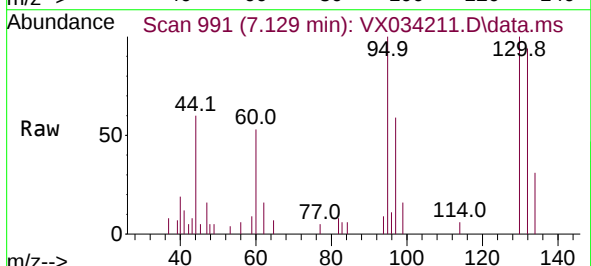
RT: 7.129 min Scan# 991

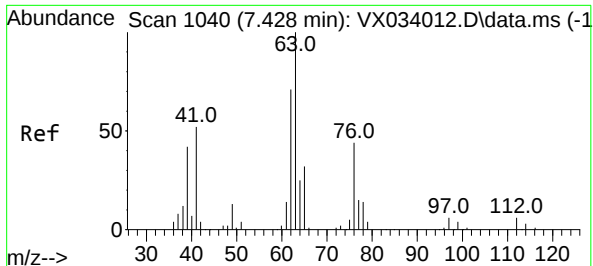
Delta R.T. 0.006 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

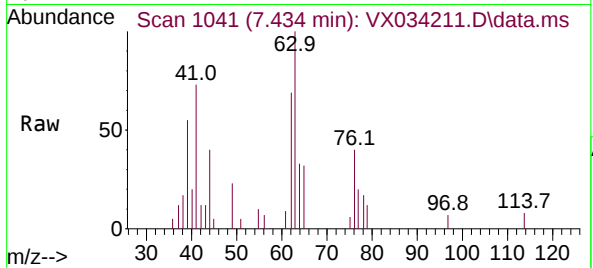
Tgt Ion:130	Resp: 2710
Ion Ratio	Lower Upper
130	100
95	99.7 0.0 182.6





#45
1,2-Dichloropropane
Concen: 0.751 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

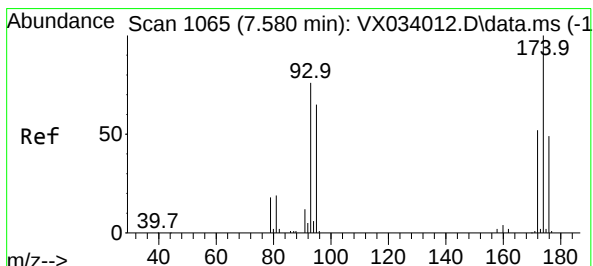
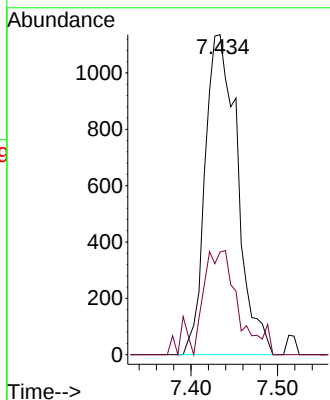
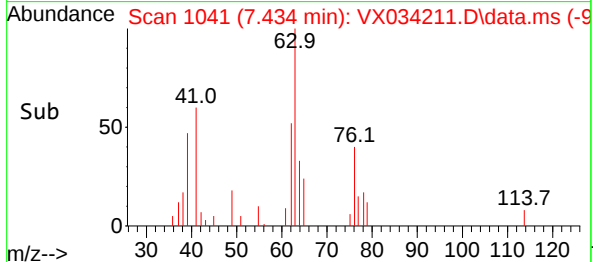
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



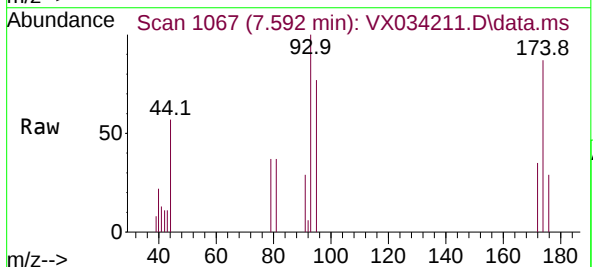
Tgt Ion: 63 Resp: 2940
Ion Ratio Lower Upper
63 100
65 32.1 24.2 36.2

Manual Integrations
APPROVED

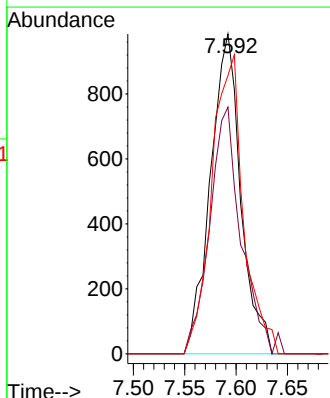
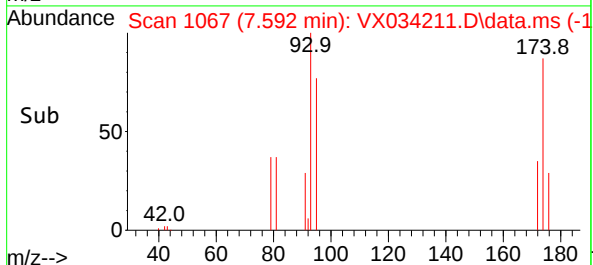
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

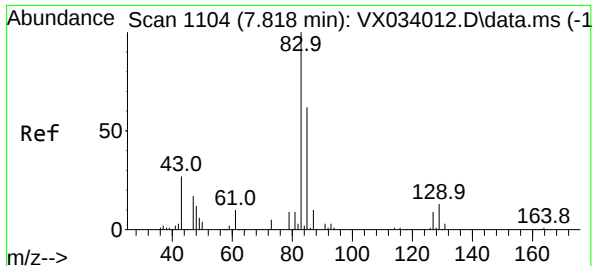


#46
Dibromomethane
Concen: 0.783 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54



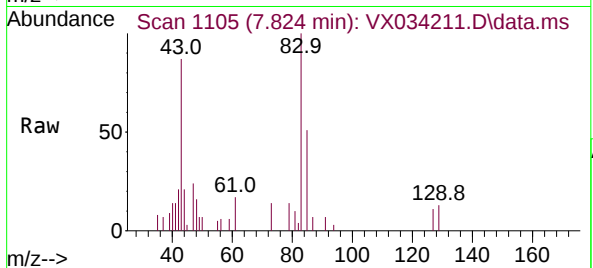
Tgt Ion: 93 Resp: 2022
Ion Ratio Lower Upper
93 100
95 80.1 67.6 101.4
174 97.5 97.4 146.0





#47
Bromodichloromethane
Concen: 0.681 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

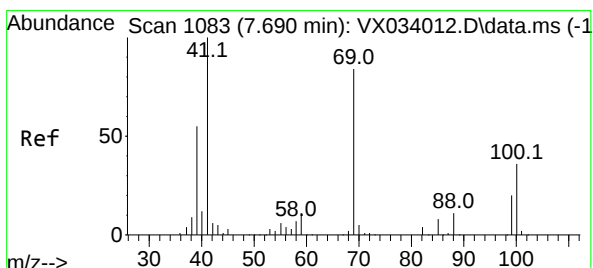
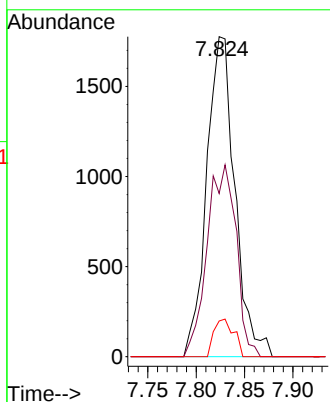
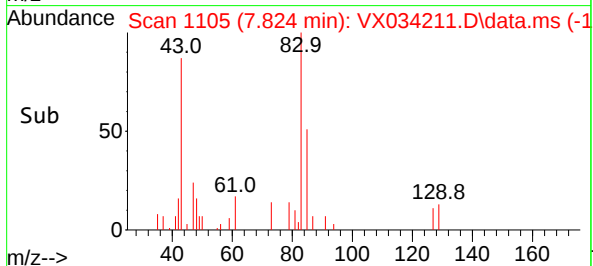
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 83 Resp: 3608
Ion Ratio Lower Upper
83 100
85 51.0 49.8 74.6
127 11.1 7.0 10.4

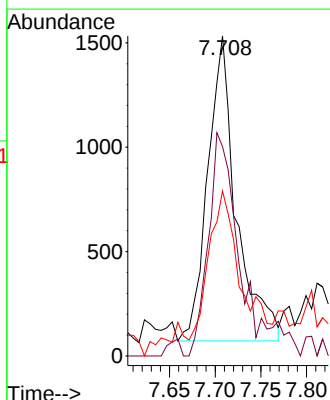
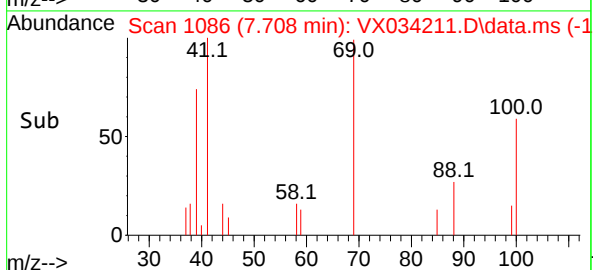
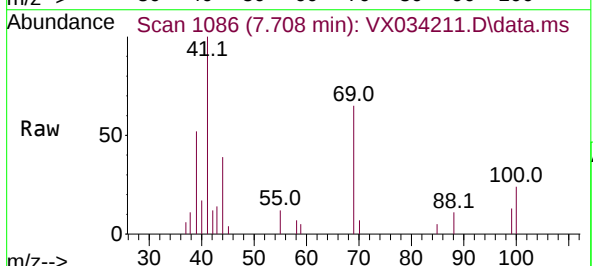
Manual Integrations
APPROVED

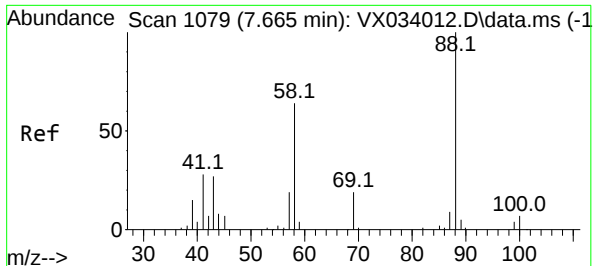
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#48
Methyl methacrylate
Concen: 0.681 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 41 Resp: 3173
Ion Ratio Lower Upper
41 100
69 81.7 63.1 94.7
39 53.4 43.2 64.8





#49

1,4-Dioxane

Concen: 13.857 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.018 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

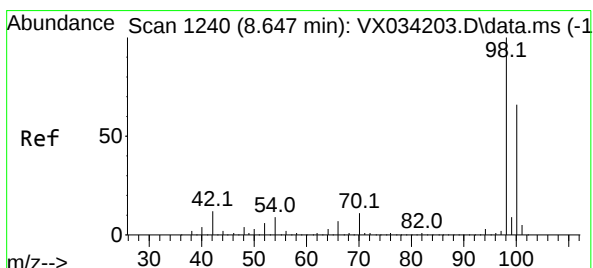
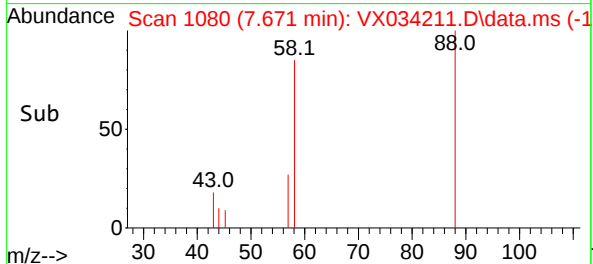
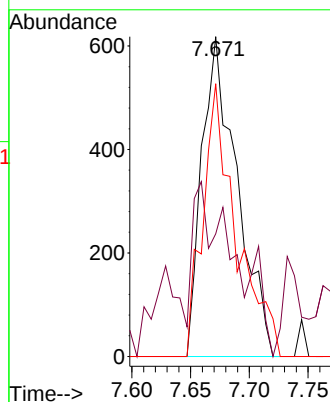
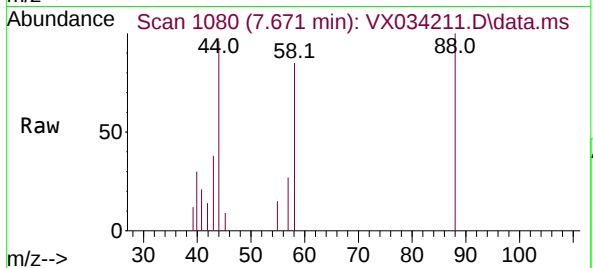
Tgt Ion: 88 Resp: 128
 Ion Ratio Lower Upper
 88 100
 43 24.5 0.0 0.0
 58 80.1 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 50.978 ug/l

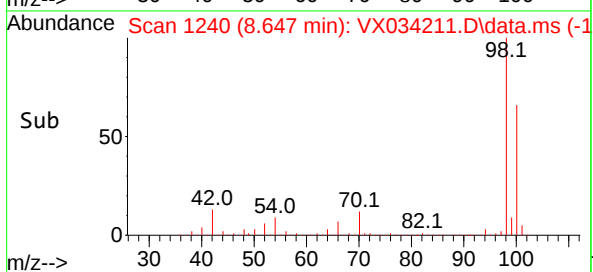
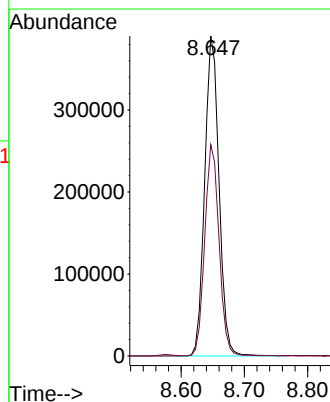
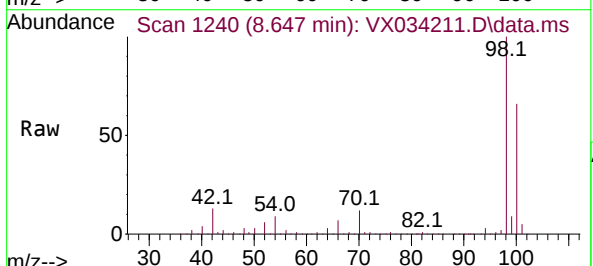
RT: 8.647 min Scan# 1240

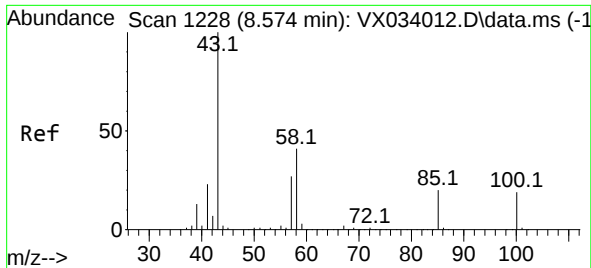
Delta R.T. 0.000 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

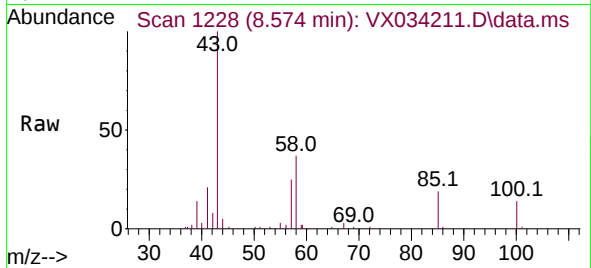
Tgt Ion: 98 Resp: 615646
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 3.727 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

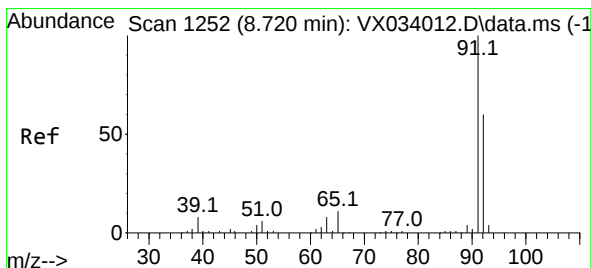
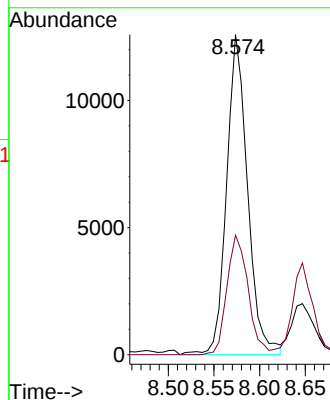
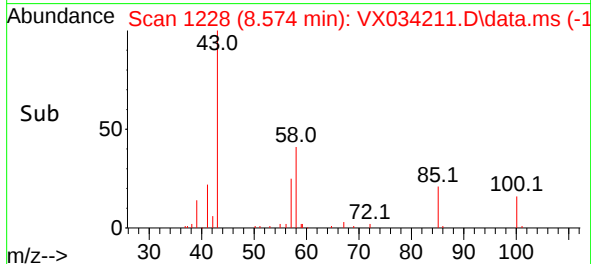
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



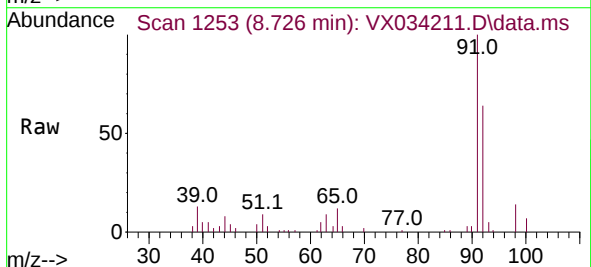
Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
58 37.6 31.2 46.8

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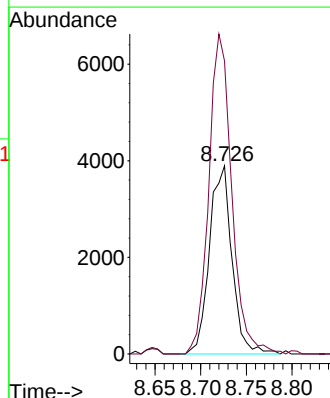
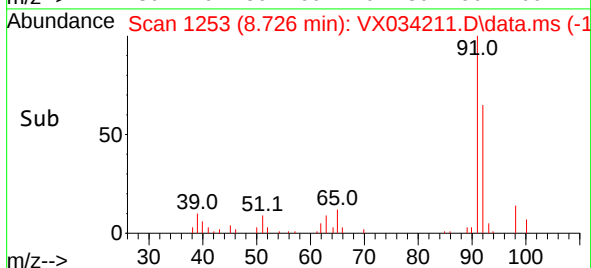
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

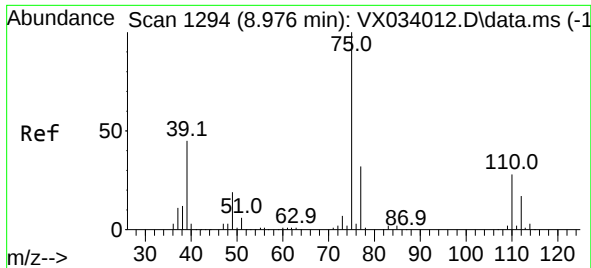


#52
Toluene
Concen: 0.747 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54



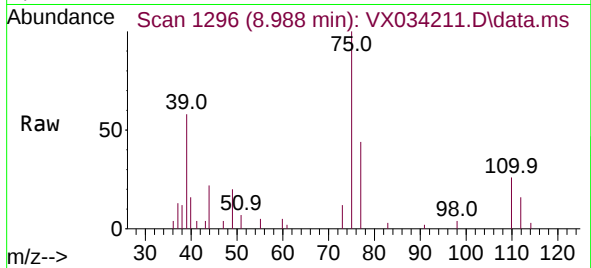
Tgt Ion: 92 Resp: 6670
Ion Ratio Lower Upper
92 100
91 173.1 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 0.623 ug/l
RT: 8.988 min Scan# 1195
Delta R.T. 0.012 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

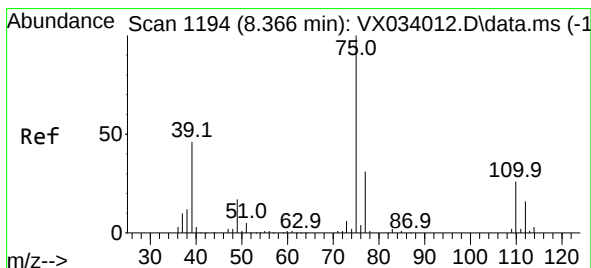
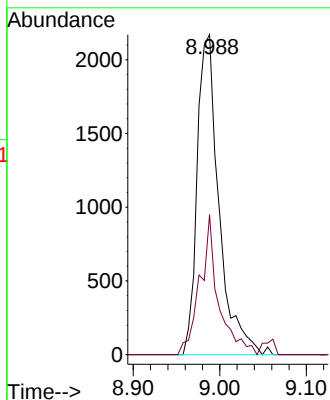
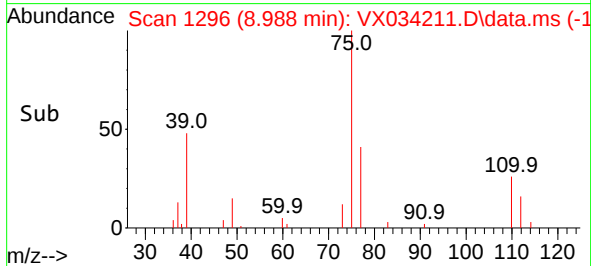
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



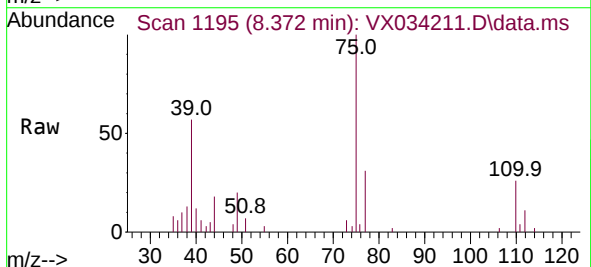
Tgt Ion: 75 Resp: 3802
Ion Ratio Lower Upper
75 100
77 43.7 25.5 38.3

Manual Integrations
APPROVED

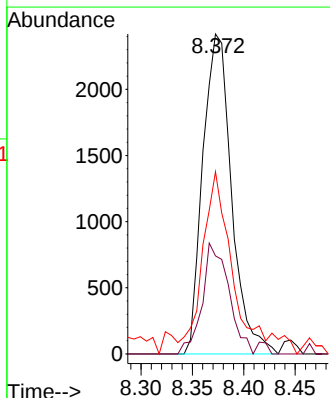
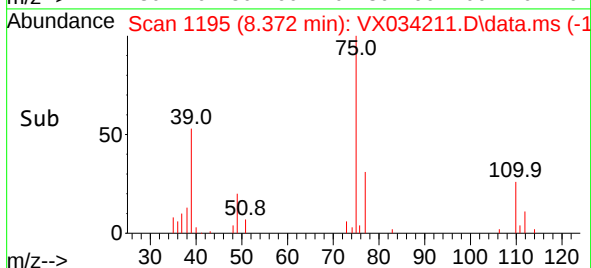
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

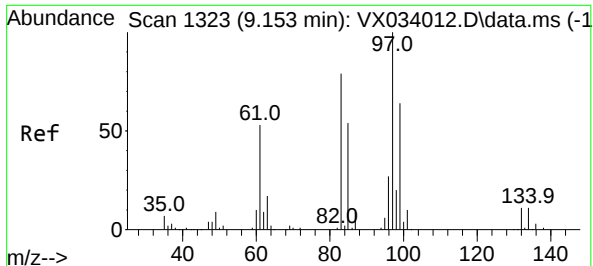


#54
cis-1,3-Dichloropropene
Concen: 0.720 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54



Tgt Ion: 75 Resp: 4705
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6
39 53.4 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 0.781 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 97 Resp: 2810

Ion Ratio Lower Upper

97 100

83 79.9 67.4 101.0

85 45.0 43.2 64.8

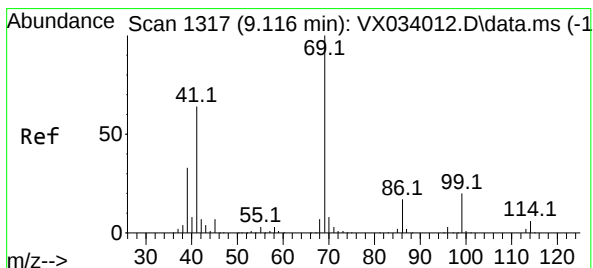
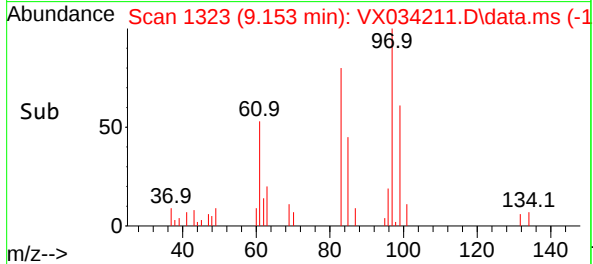
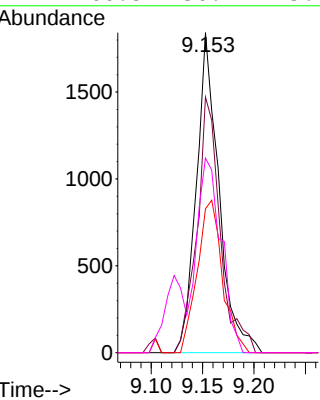
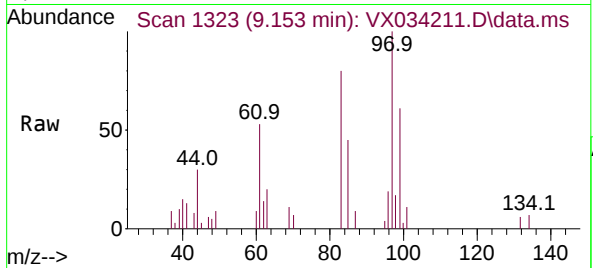
99 60.8 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#56

Ethyl methacrylate

Concen: 0.597 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

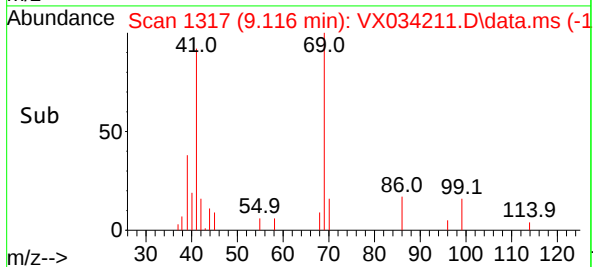
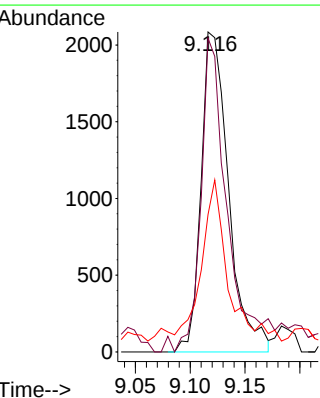
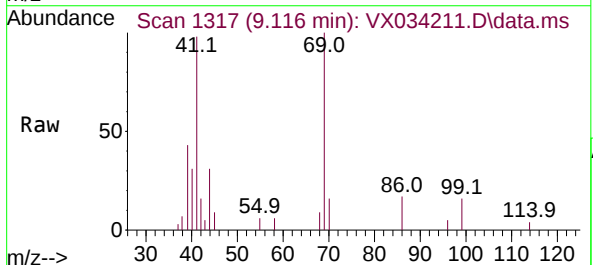
Tgt Ion: 69 Resp: 3642

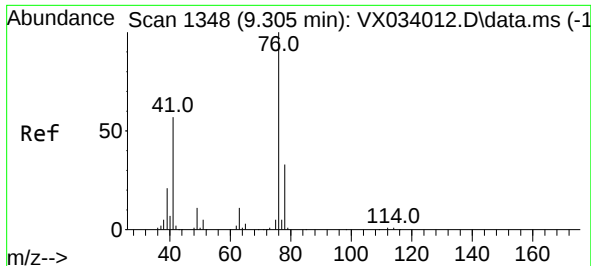
Ion Ratio Lower Upper

69 100

41 104.6 55.1 82.7#

39 54.8 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 0.656 ug/l

RT: 9.311 min Scan# 1112

Delta R.T. 0.006 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 76 Resp: 4112

Ion Ratio Lower Upper

76 100

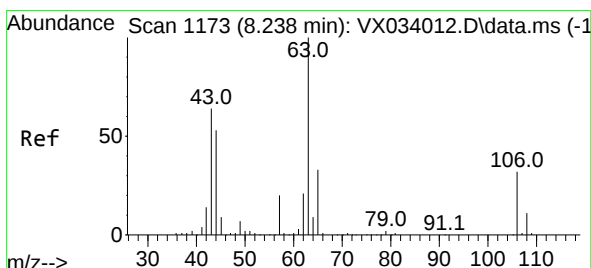
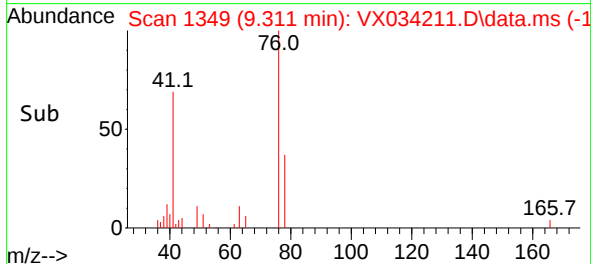
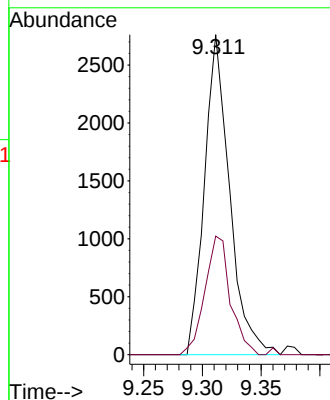
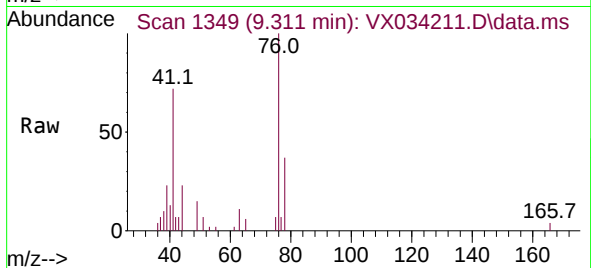
78 37.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 3.359 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.012 min

Lab File: VX034211.D

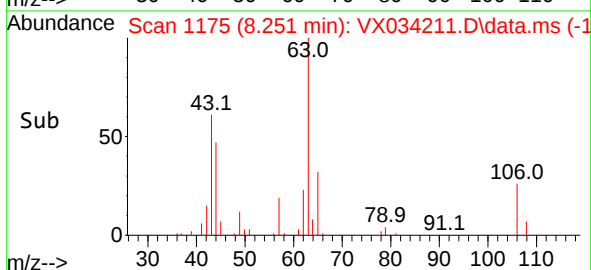
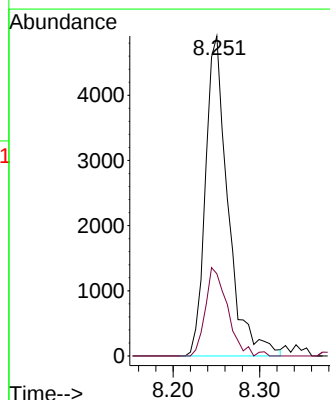
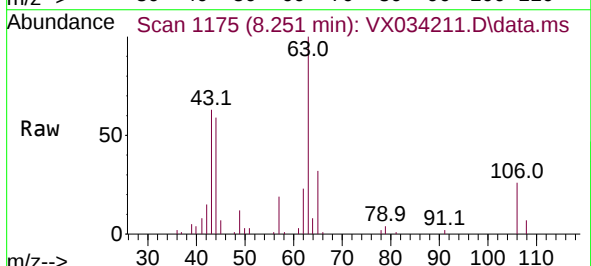
Acq: 21 Feb 2023 15:54

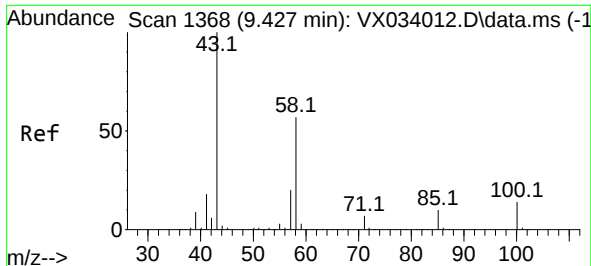
Tgt Ion: 63 Resp: 8875

Ion Ratio Lower Upper

63 100

106 27.3 24.5 36.7





#59

2-Hexanone

Concen: 3.607 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 1483

Ion Ratio Lower Upper

43 100

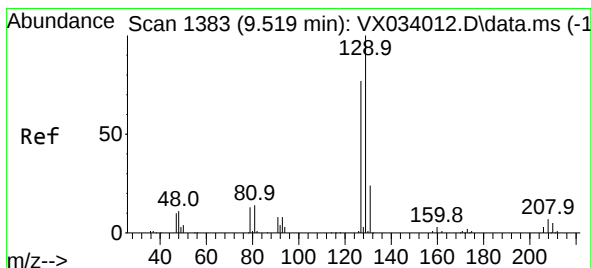
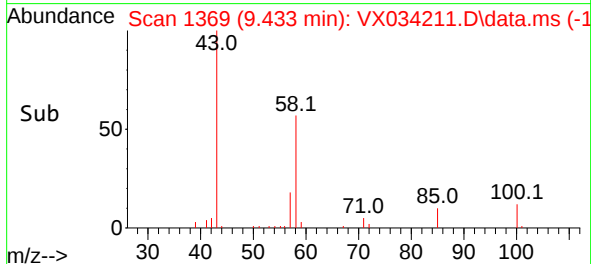
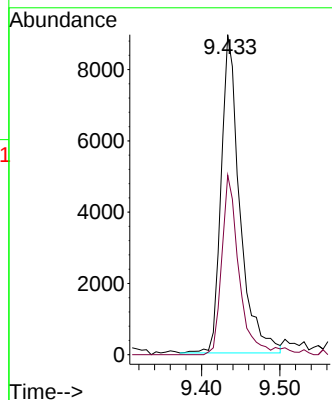
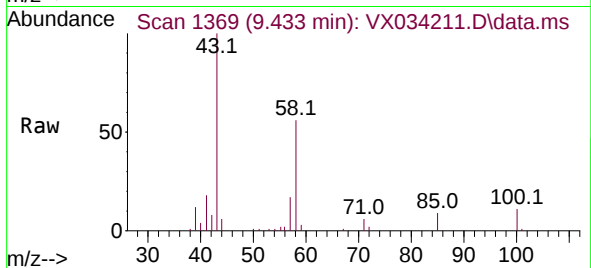
58 51.1 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#60

Dibromochloromethane

Concen: 0.711 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034211.D

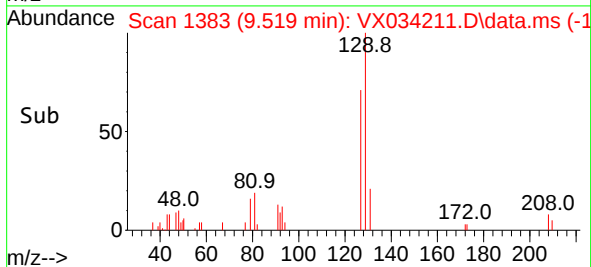
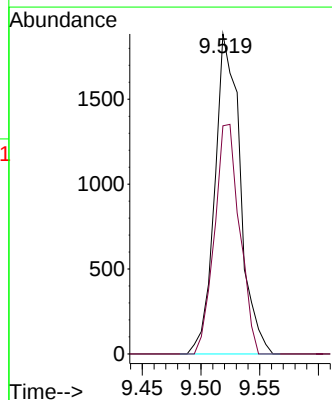
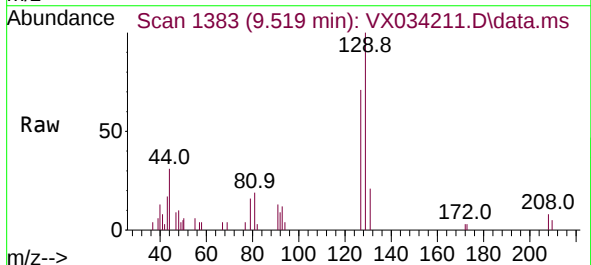
Acq: 21 Feb 2023 15:54

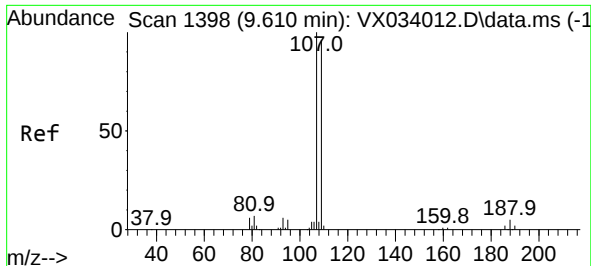
Tgt Ion:129 Resp: 2833

Ion Ratio Lower Upper

129 100

127 70.9 38.8 116.3





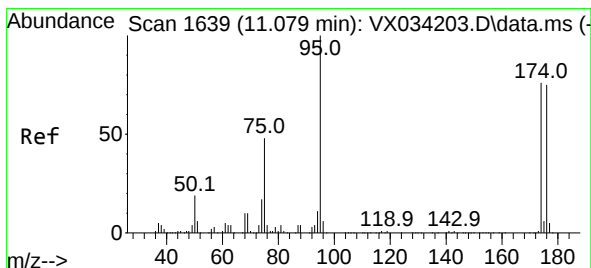
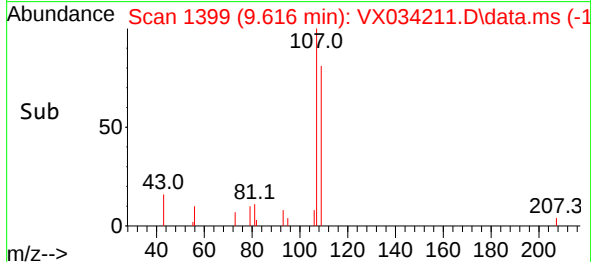
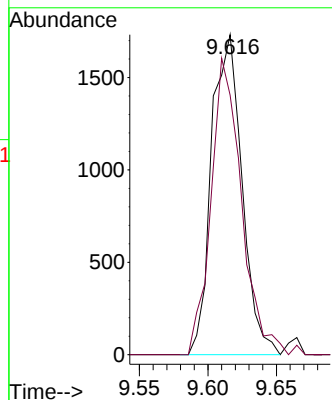
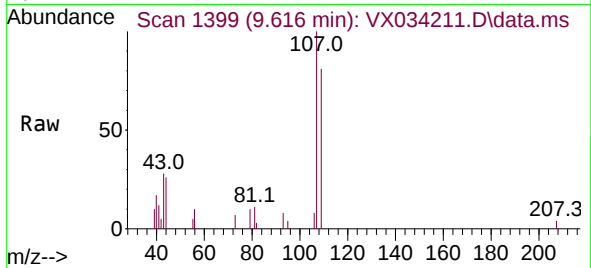
#61
1,2-Dibromoethane
Concen: 0.703 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion:107 Resp: 2680
Ion Ratio Lower Upper
107 100
109 93.1 74.2 111.2

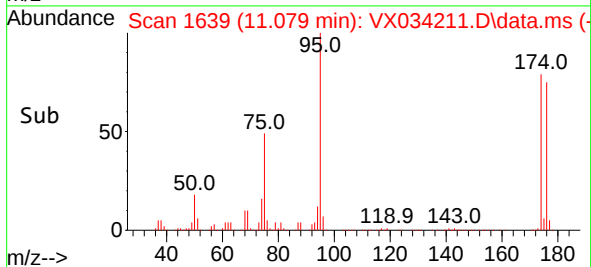
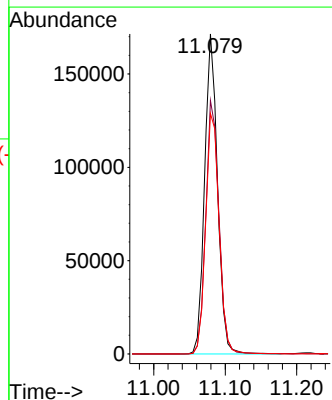
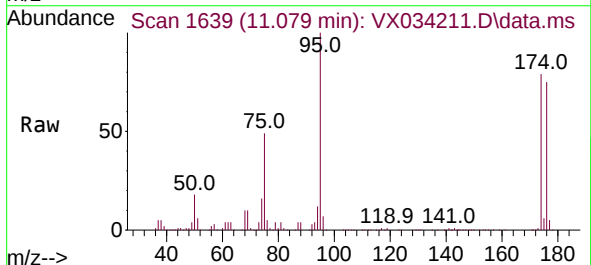
Manual Integrations
APPROVED

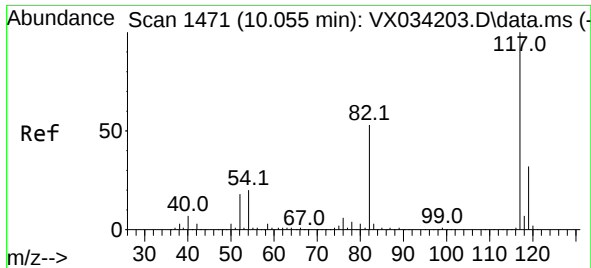
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#62
4-Bromofluorobenzene
Concen: 46.457 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

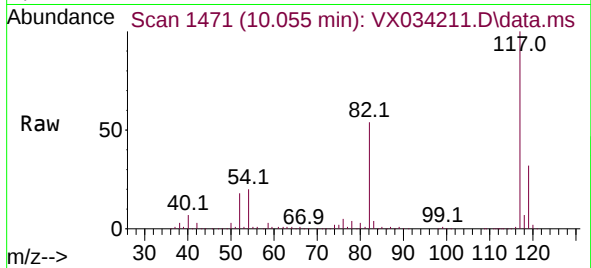
Tgt Ion: 95 Resp: 214605
Ion Ratio Lower Upper
95 100
174 81.2 0.0 184.4
176 78.8 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

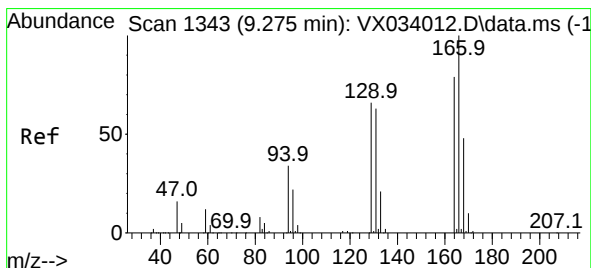
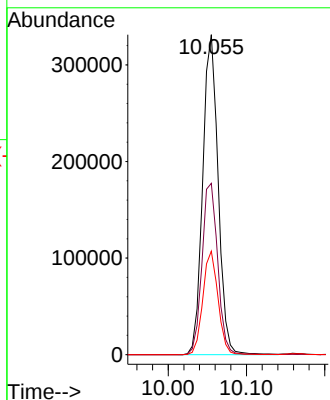
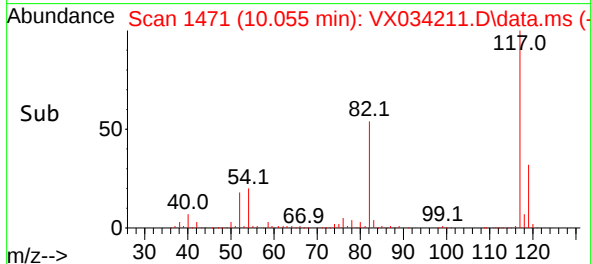
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:117 Resp: 452305
Ion Ratio Lower Upper
117 100
82 53.6 40.6 60.8
119 32.3 25.6 38.4

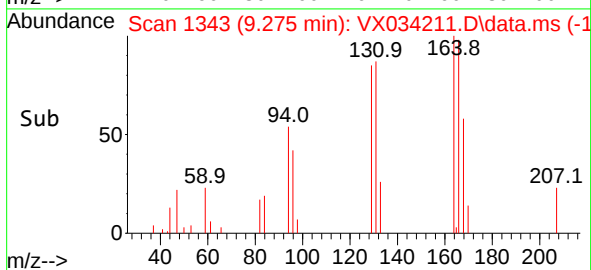
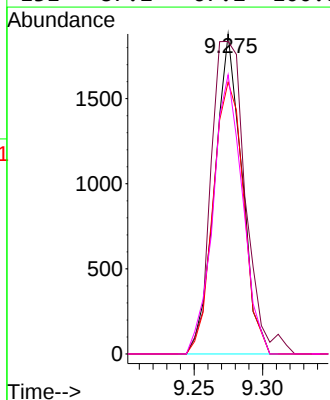
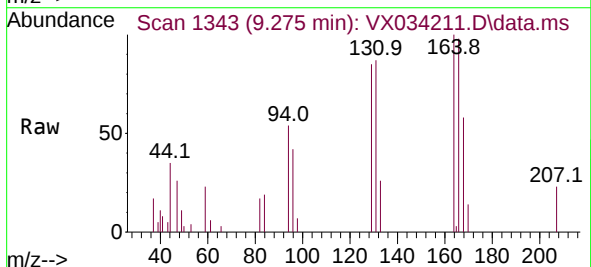
Manual Integrations
APPROVED

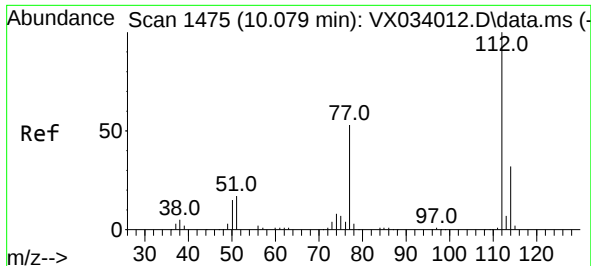
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#64
Tetrachloroethene
Concen: 0.814 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion:164 Resp: 2598
Ion Ratio Lower Upper
164 100
166 97.7 100.2 150.2#
129 84.9 69.2 103.8
131 87.2 67.2 100.8





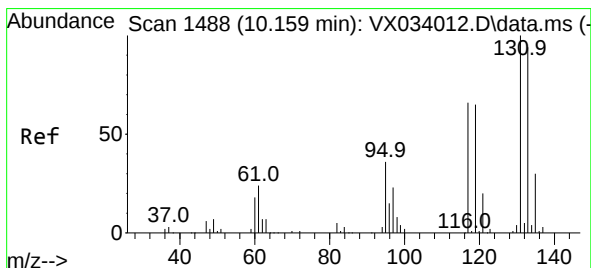
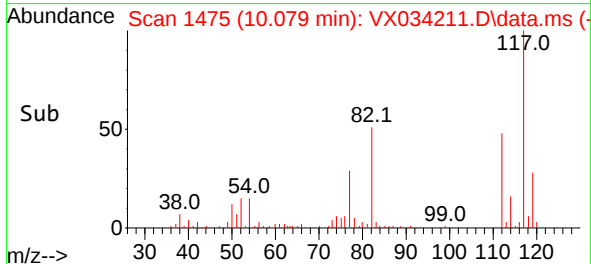
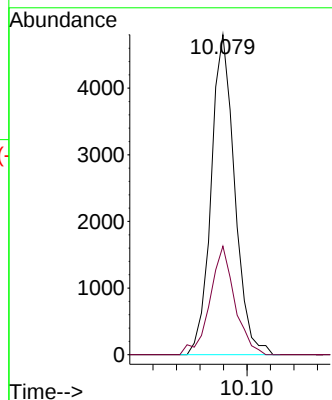
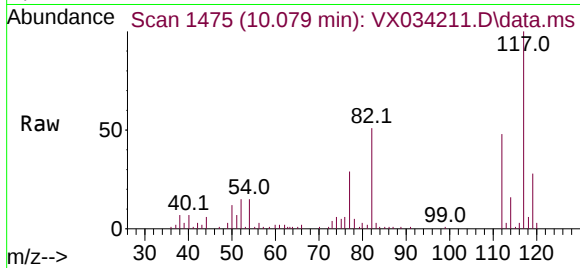
#65
Chlorobenzene
Concen: 0.708 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion:112 Resp: 667
Ion Ratio Lower Upper
112 100
114 33.9 26.2 39.4

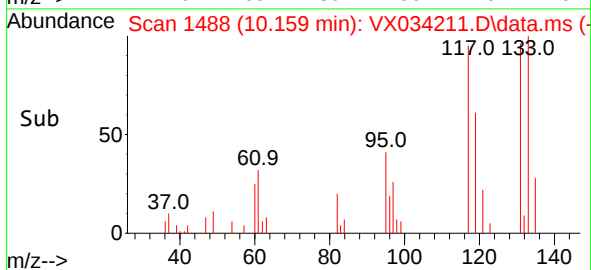
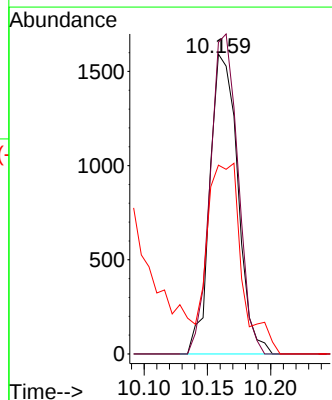
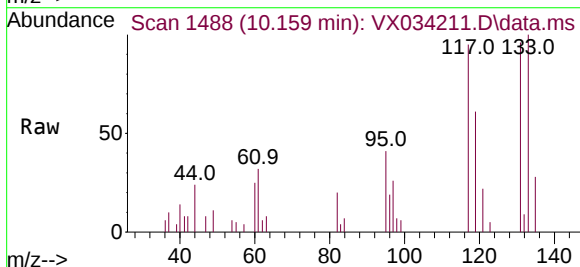
Manual Integrations
APPROVED

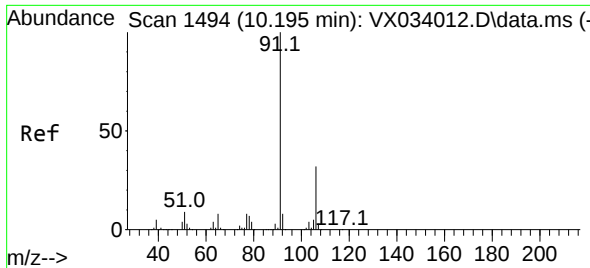
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.667 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion:131 Resp: 2434
Ion Ratio Lower Upper
131 100
133 106.2 48.4 145.0
119 0.0 31.9 95.7#





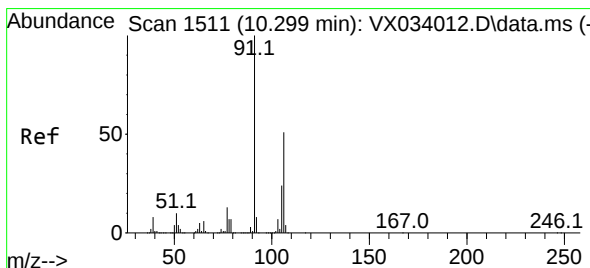
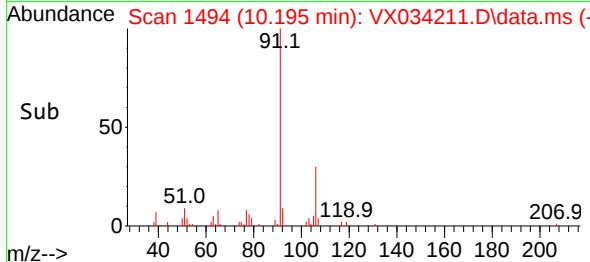
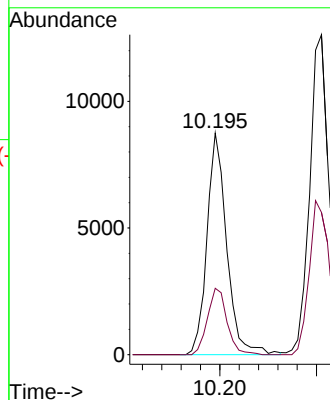
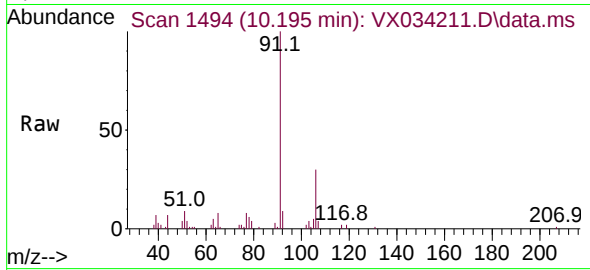
#67
Ethyl Benzene
Concen: 0.734 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion: 91 Resp: 12420
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.8

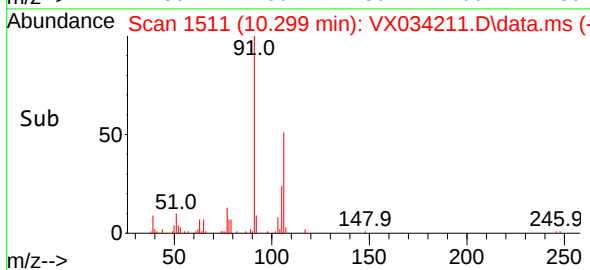
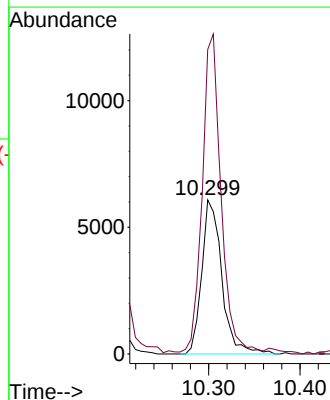
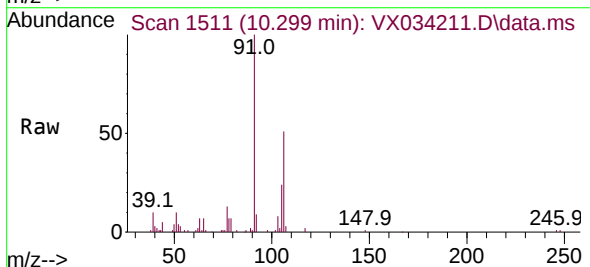
Manual Integrations
APPROVED

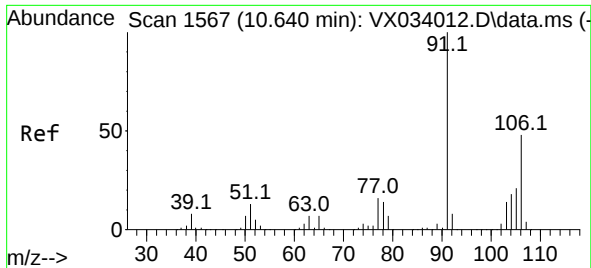
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#68
m/p-Xylenes
Concen: 1.434 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion:106 Resp: 9298
Ion Ratio Lower Upper
106 100
91 191.6 156.4 234.6





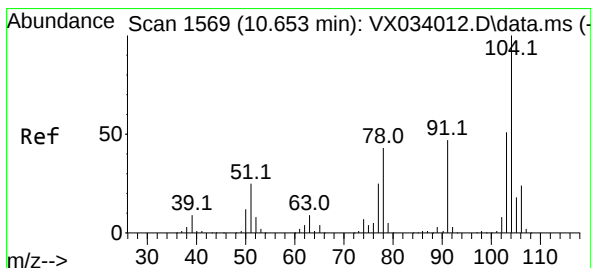
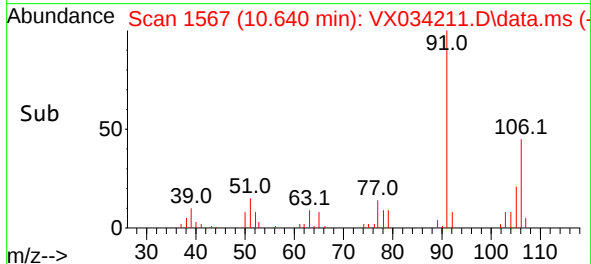
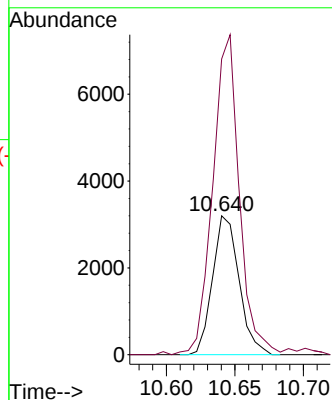
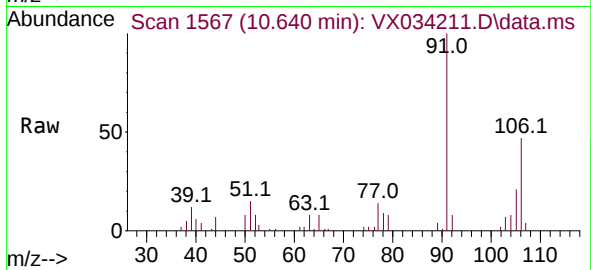
#69
o-Xylene
Concen: 0.665 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion:106 Resp: 429
Ion Ratio Lower Upper
106 100
91 231.5 103.1 309.3

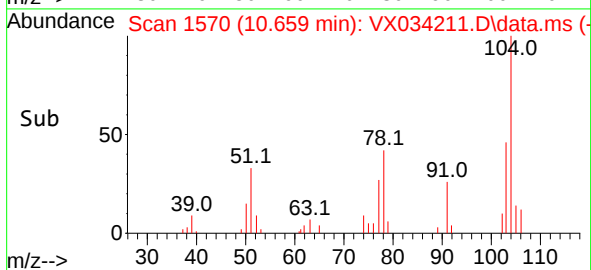
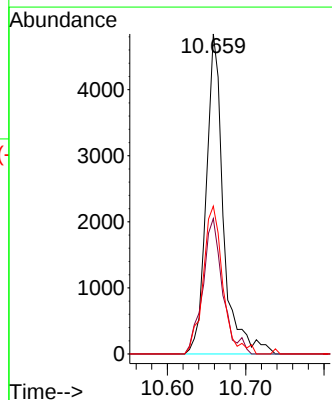
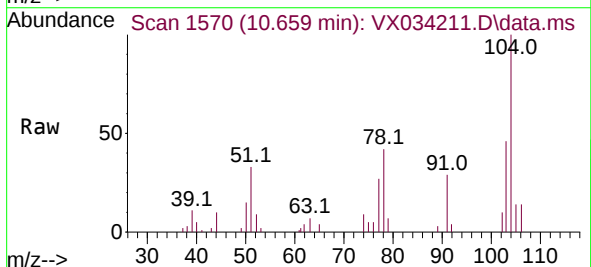
Manual Integrations
APPROVED

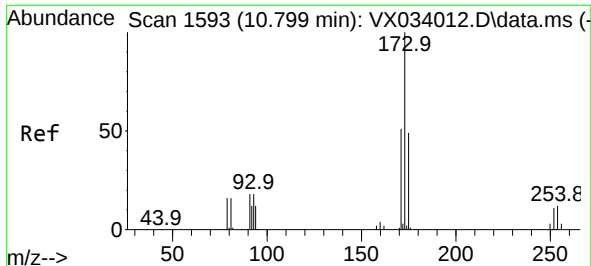
Reviewed By :John Carbone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 0.701 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

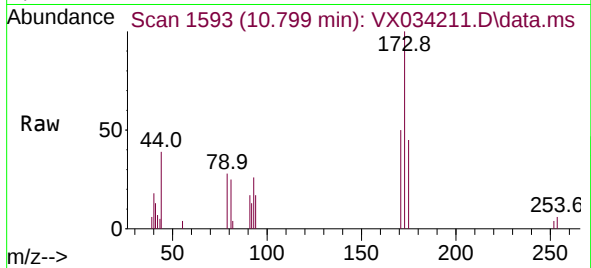
Tgt Ion:104 Resp: 7358
Ion Ratio Lower Upper
104 100
78 49.0 37.5 56.3
103 53.1 43.3 64.9





#71
Bromoform
Concen: 0.653 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

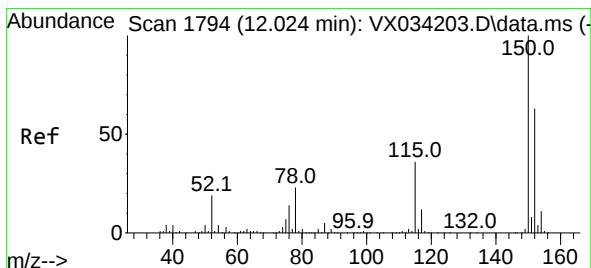
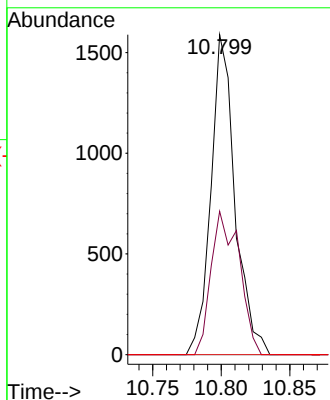
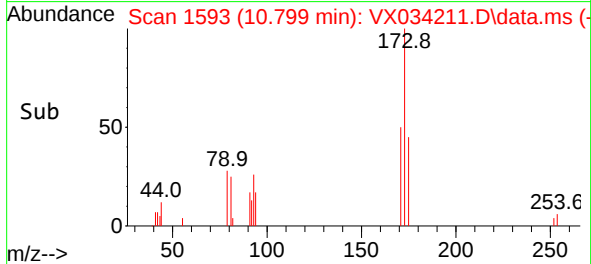
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:173 Resp: 1944
Ion Ratio Lower Upper
173 100
175 52.5 24.1 72.3
254 0.0 0.1 0.1

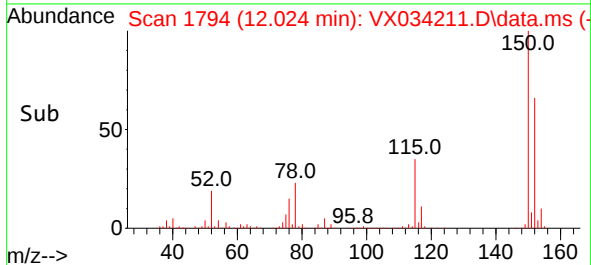
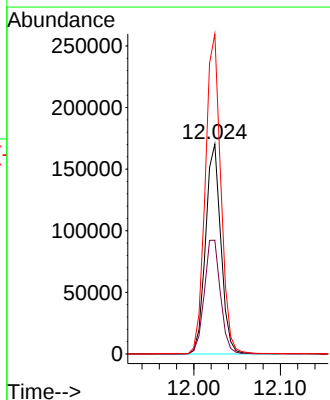
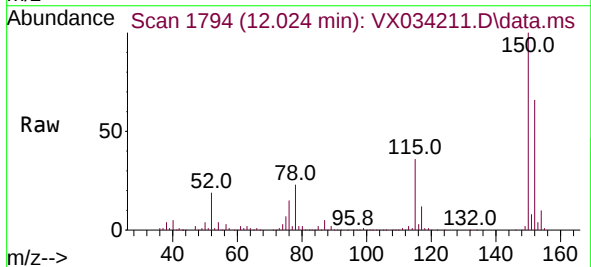
Manual Integrations
APPROVED

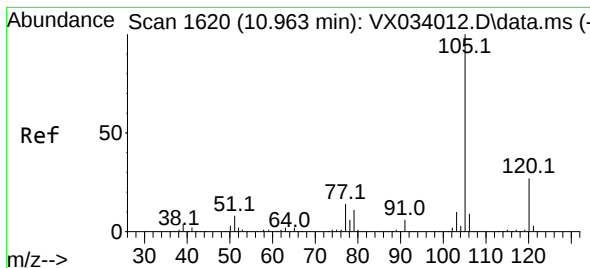
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion:152 Resp: 209011
Ion Ratio Lower Upper
152 100
115 57.4 38.7 116.1
150 154.4 0.0 348.2





#73

Isopropylbenzene

Concen: 0.745 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:105 Resp: 11870

Ion Ratio Lower Upper

105 100

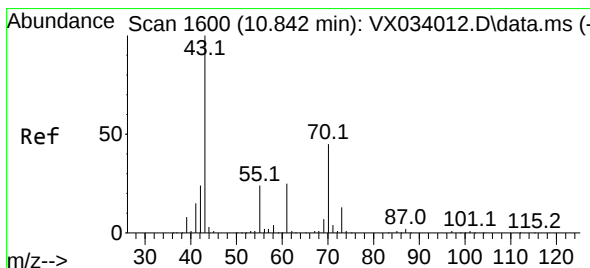
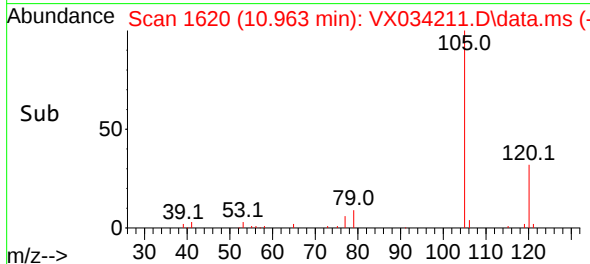
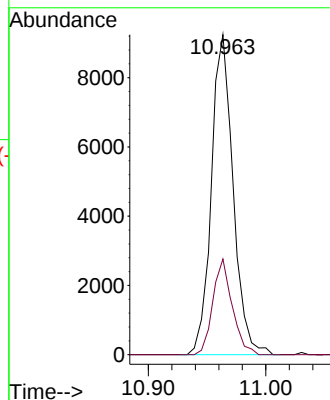
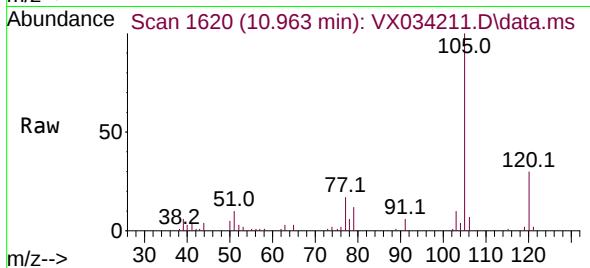
120 26.6 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#74

N-ethyl acetate

Concen: 0.758 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Tgt Ion: 43 Resp: 6065

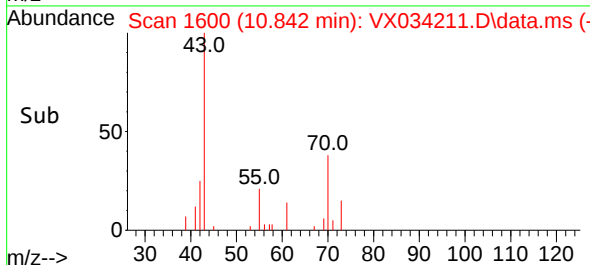
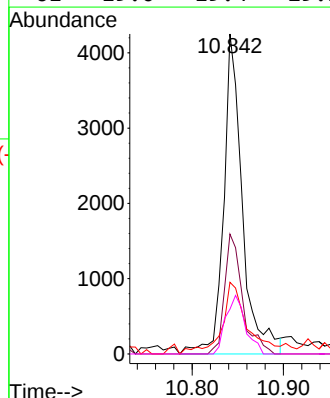
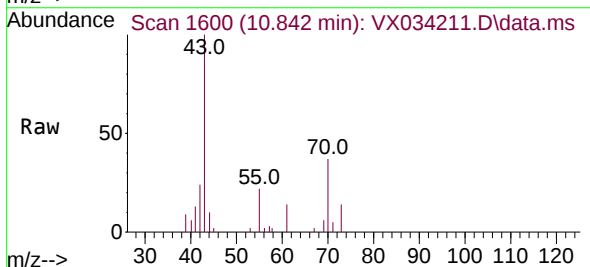
Ion Ratio Lower Upper

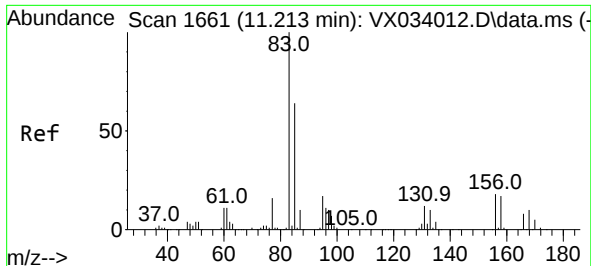
43 100

70 35.9 34.8 52.2

55 30.1 19.4 29.0#

61 19.0 19.4 29.2#





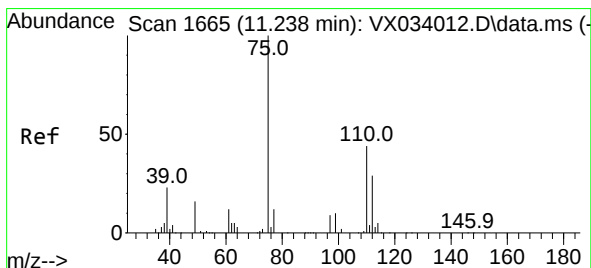
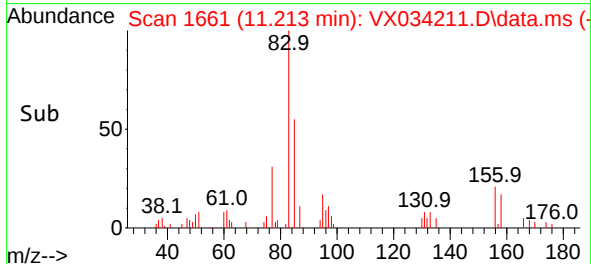
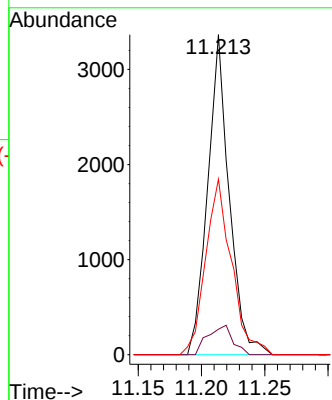
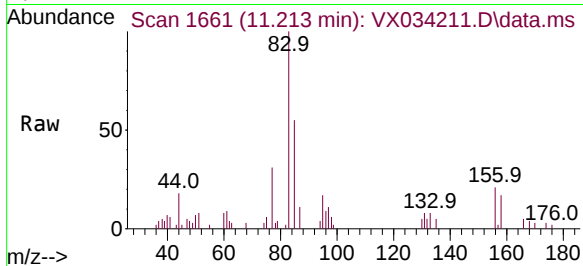
#75
1,1,2,2-Tetrachloroethane
Concen: 0.733 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion: 83 Resp: 3998
Ion Ratio Lower Upper
83 100
131 10.6 5.5 16.7
85 66.0 32.3 96.9

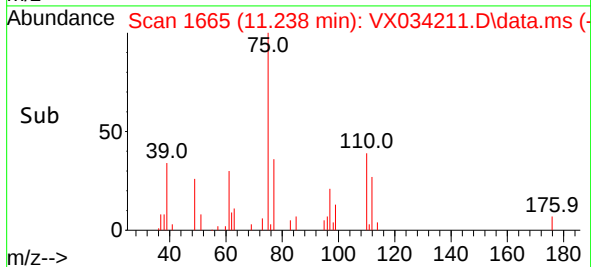
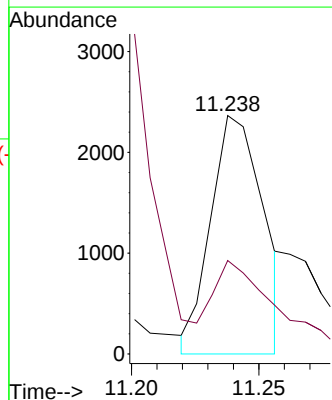
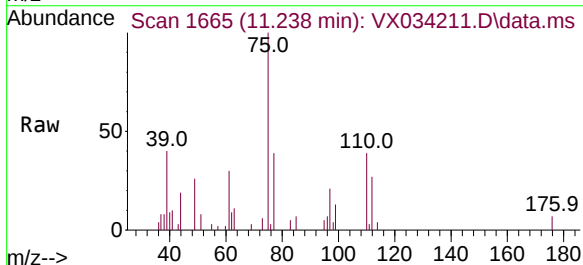
Manual Integrations
APPROVED

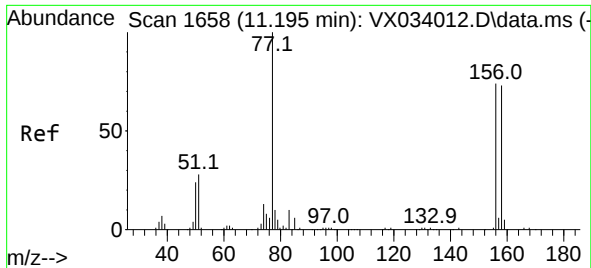
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#76
1,2,3-Trichloropropane
Concen: 0.641 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

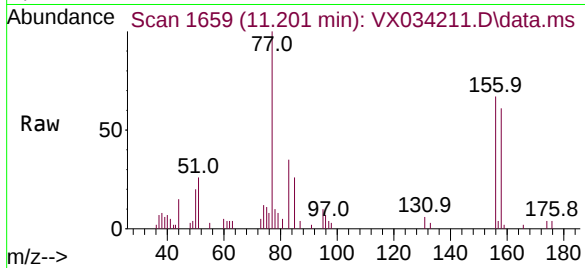
Tgt Ion: 75 Resp: 3369
Ion Ratio Lower Upper
75 100
77 47.9 21.8 65.4





#77
Bromobenzene
Concen: 0.800 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

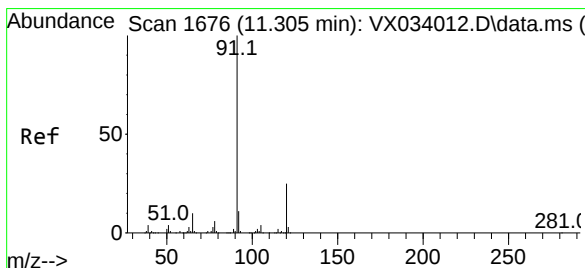
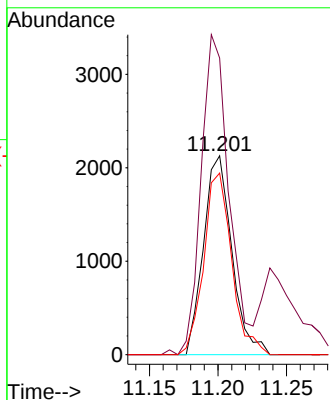
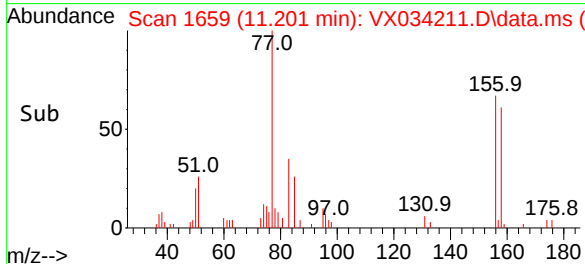
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



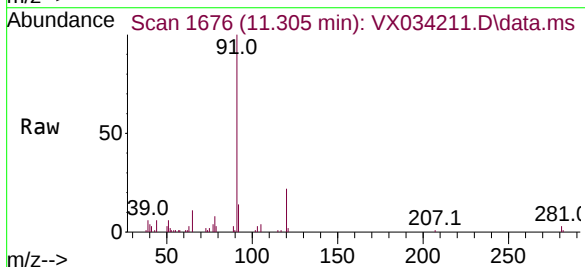
Tgt Ion: 156 Resp: 3060
Ion Ratio Lower Upper
156 100
77 158.5 68.1 204.3
158 90.0 48.0 144.2

Manual Integrations
APPROVED

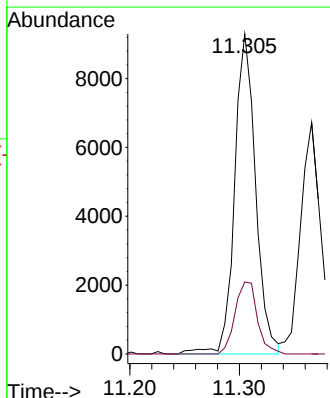
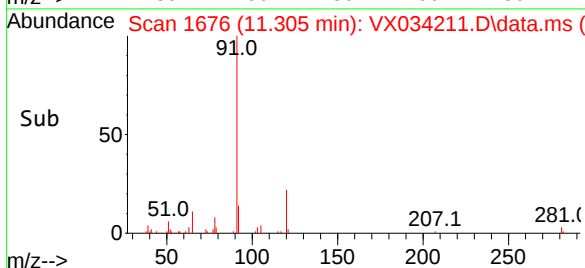
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

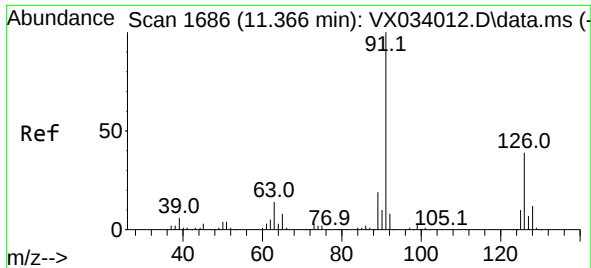


#78
n-propylbenzene
Concen: 0.668 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54



Tgt Ion: 91 Resp: 12374
Ion Ratio Lower Upper
91 100
120 23.8 12.3 36.8





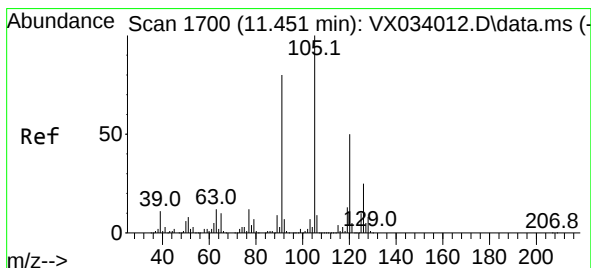
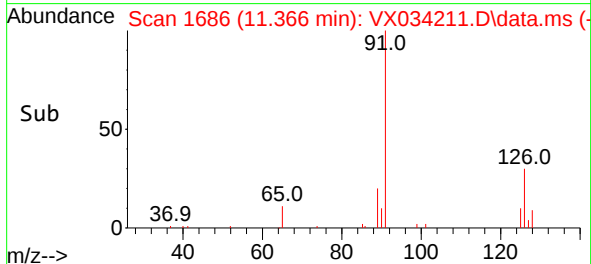
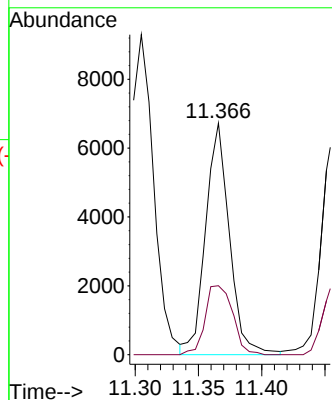
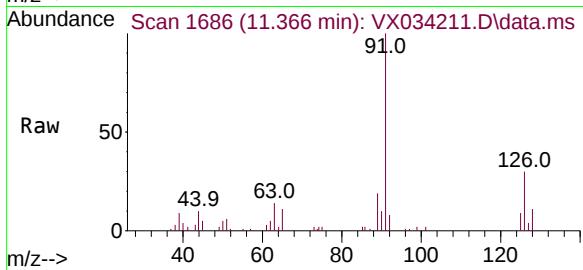
#79
2-Chlorotoluene
Concen: 0.777 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion: 91 Resp: 8829
Ion Ratio Lower Upper
91 100
126 34.4 18.1 54.1

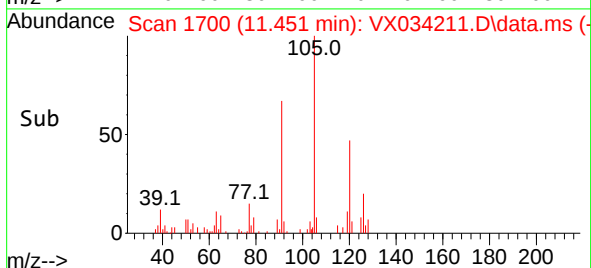
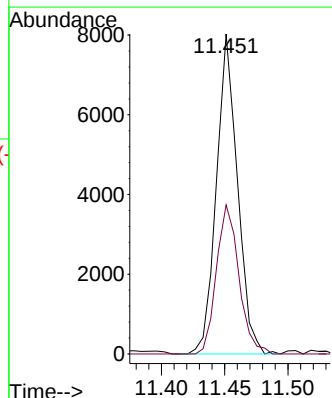
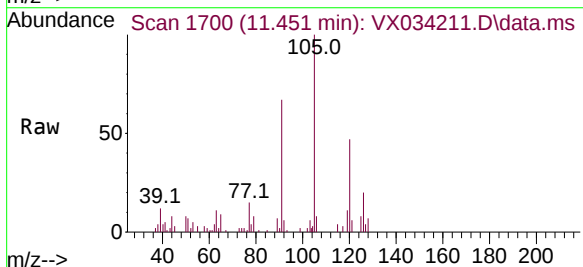
Manual Integrations
APPROVED

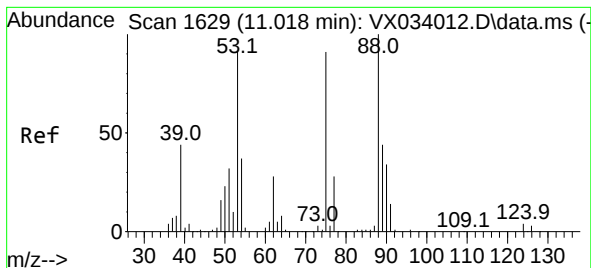
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.693 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

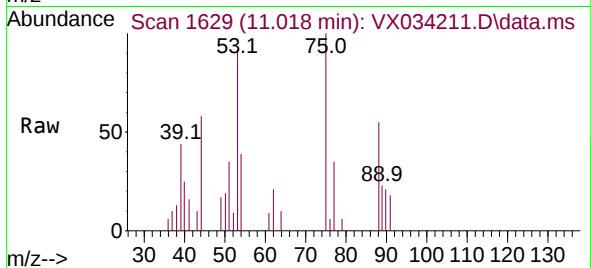
Tgt Ion:105 Resp: 9277
Ion Ratio Lower Upper
105 100
120 49.7 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 0.519 ug/l m
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

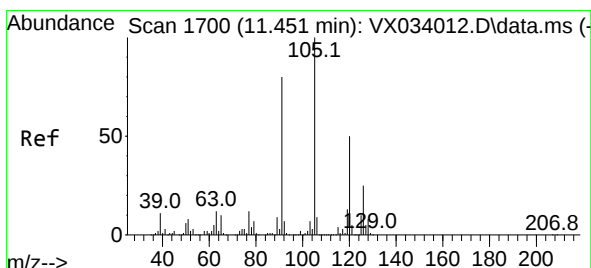
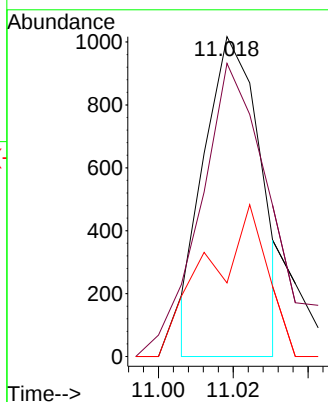
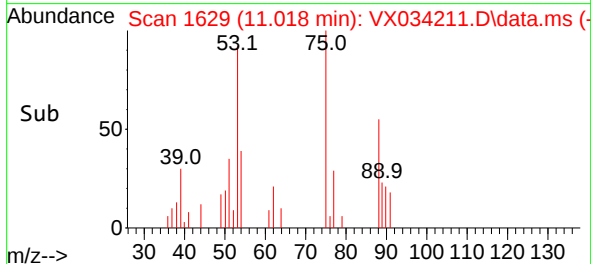
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 75 Resp: 1062
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6
89 0.0 37.7 56.5

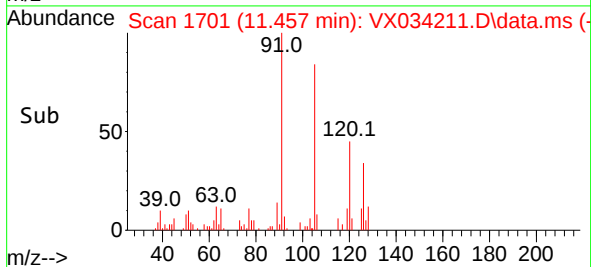
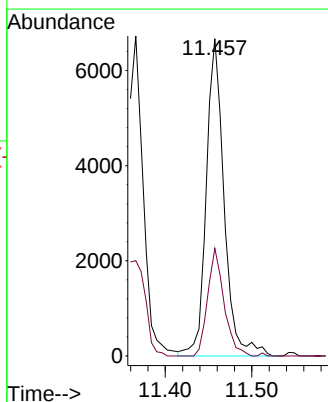
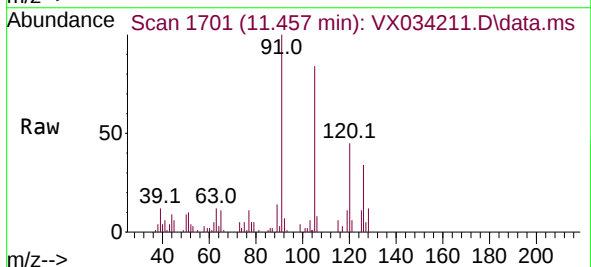
Manual Integrations
APPROVED

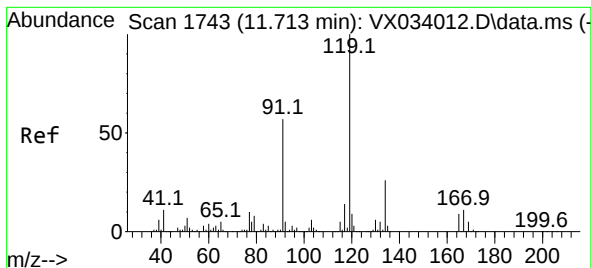
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#82
4-Chlorotoluene
Concen: 0.737 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 91 Resp: 9540
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4





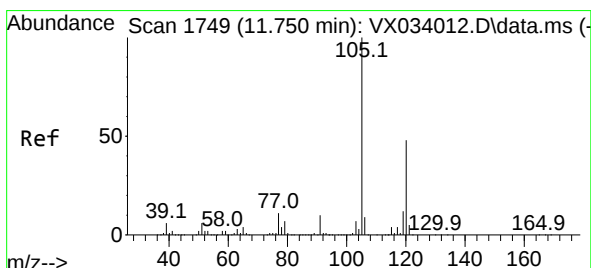
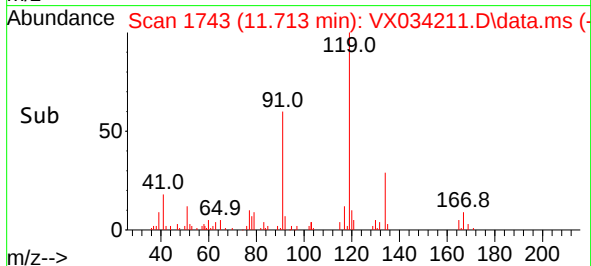
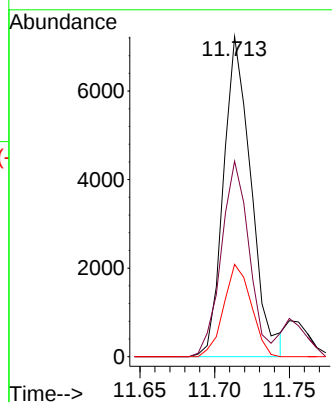
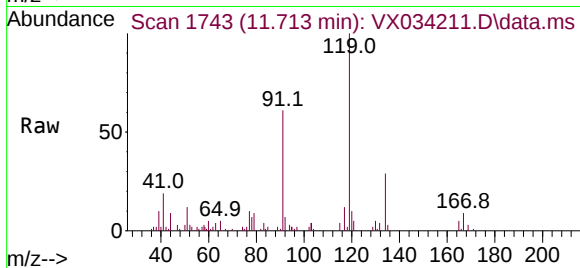
#83
tert-Butylbenzene
Concen: 0.677 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion:119 Resp: 928
Ion Ratio Lower Upper
119 100
91 61.9 26.9 80.7
134 28.7 12.3 36.8

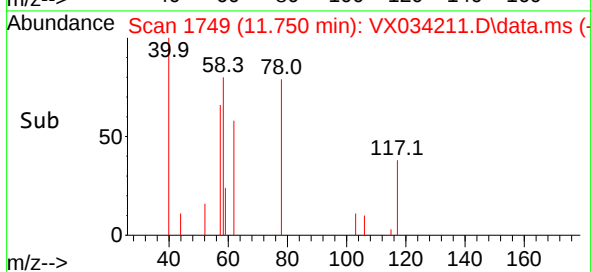
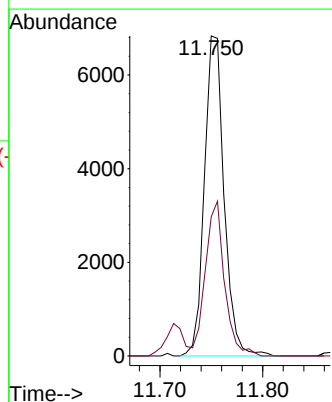
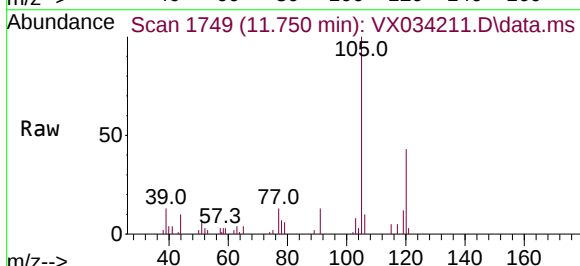
Manual Integrations
APPROVED

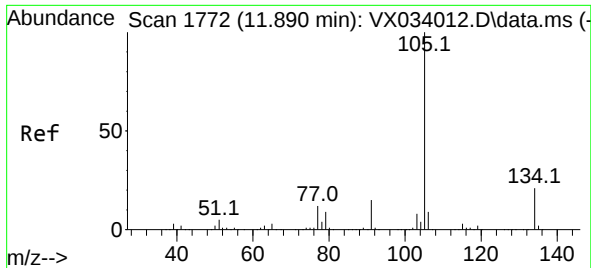
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.674 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

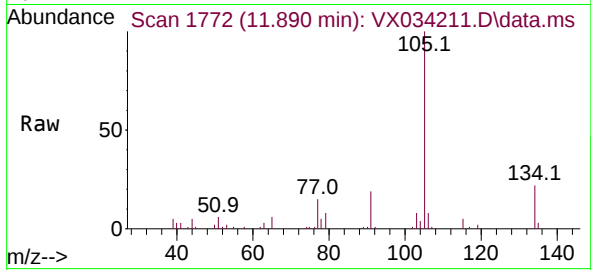
Tgt Ion:105 Resp: 9129
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 0.674 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034211.D
 Acq: 21 Feb 2023 15:54

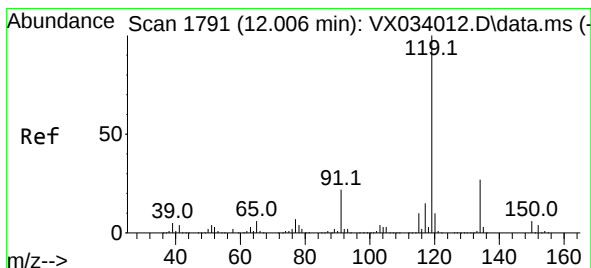
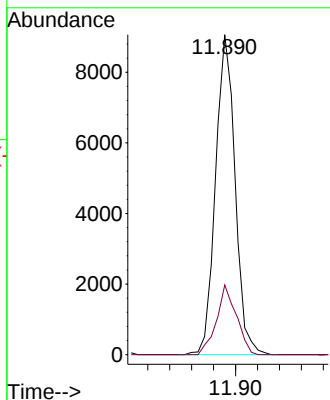
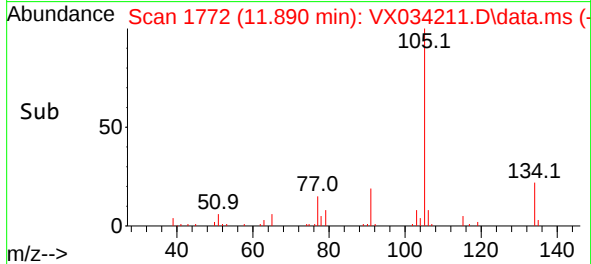
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



Tgt Ion:105 Resp: 11229
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.8 32.3

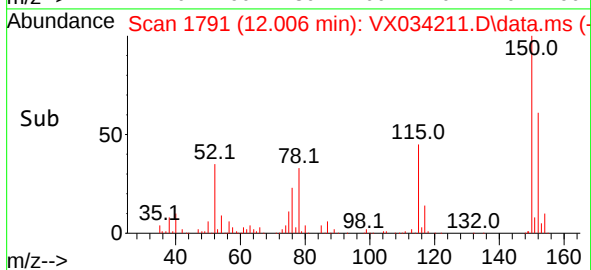
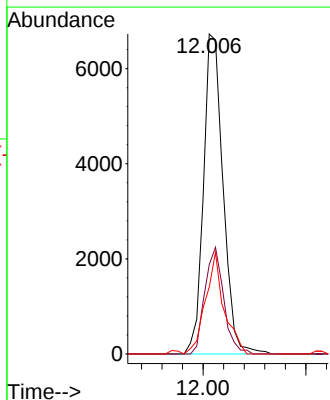
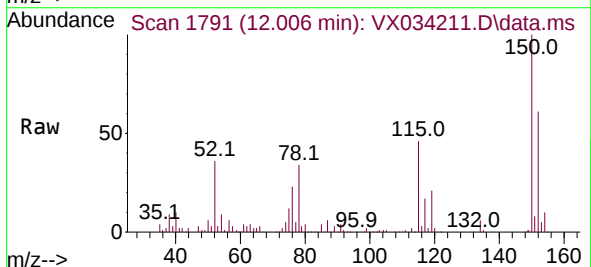
Manual Integrations
 APPROVED

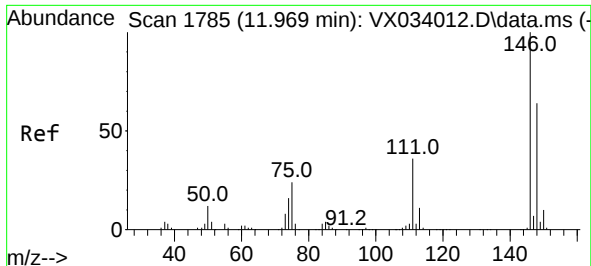
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#86
 p-Isopropyltoluene
 Concen: 0.648 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034211.D
 Acq: 21 Feb 2023 15:54

Tgt Ion:119 Resp: 8931
 Ion Ratio Lower Upper
 119 100
 134 32.0 13.6 40.8
 91 30.5 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 0.749 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:146 Resp: 538

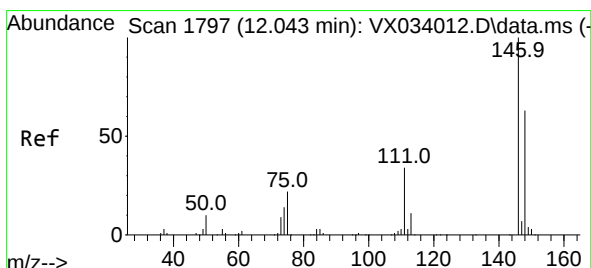
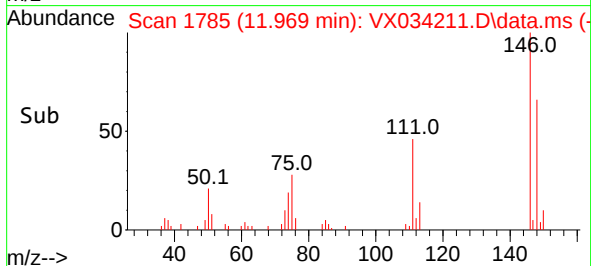
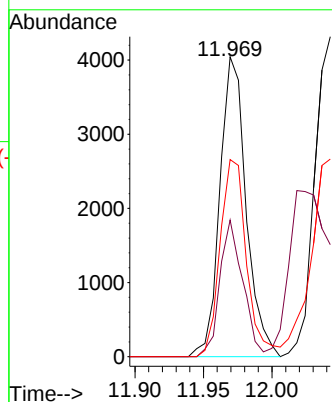
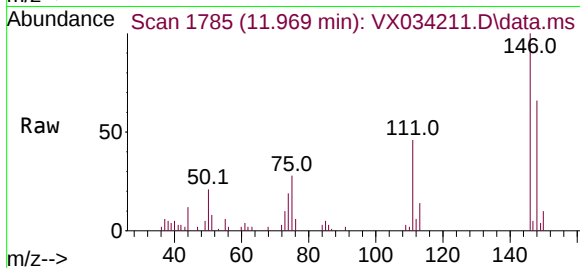
Ion	Ratio	Lower	Upper
146	100		
111	39.8	18.6	55.6
148	66.4	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#88

1,4-Dichlorobenzene

Concen: 0.787 ug/l m

RT: 12.043 min Scan# 1797

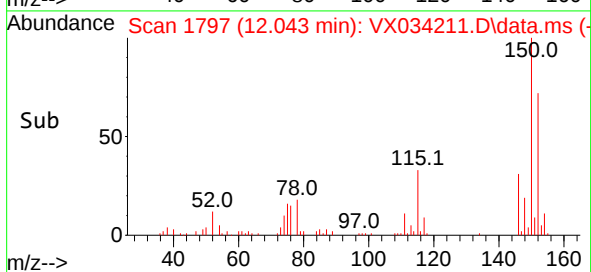
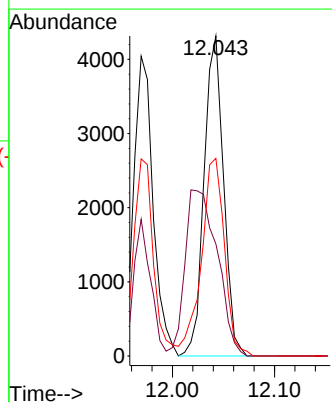
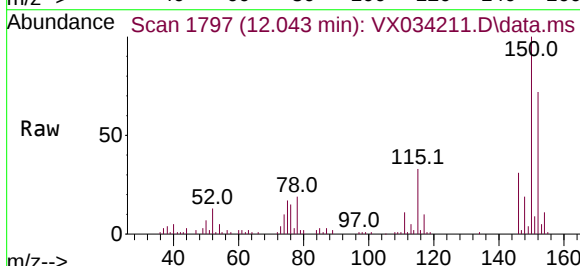
Delta R.T. 0.000 min

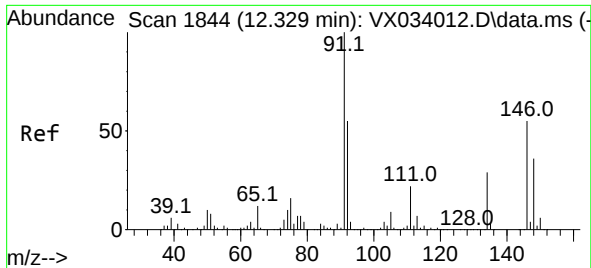
Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Tgt Ion:146 Resp: 5704

Ion	Ratio	Lower	Upper
146	100		
111	37.6	17.8	53.4
148	62.8	32.1	96.3





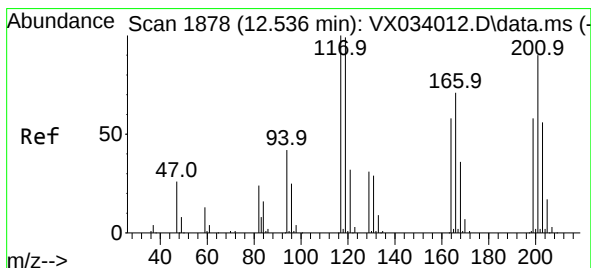
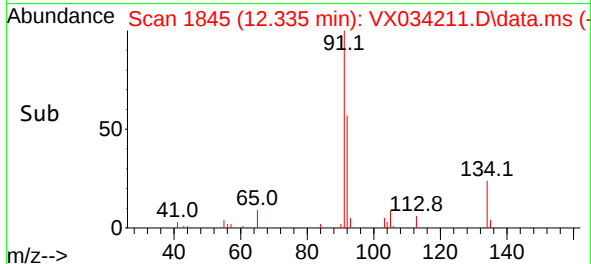
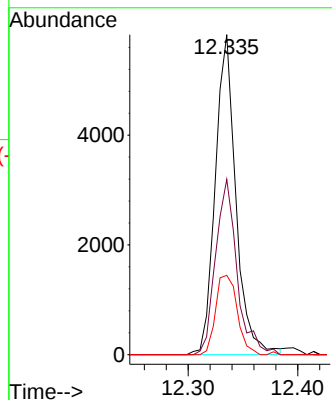
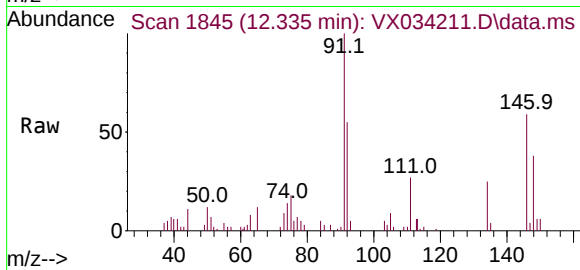
#89
n-Butylbenzene
Concen: 0.621 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion: 91 Resp: 7629
Ion Ratio Lower Upper
91 100
92 57.0 27.5 82.5
134 26.0 14.3 42.9

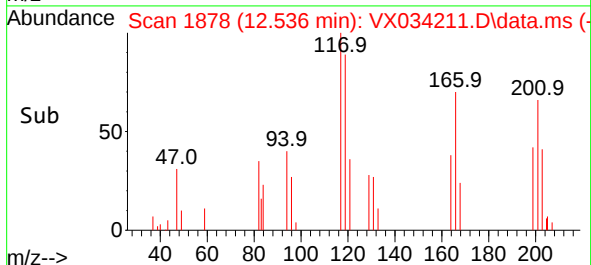
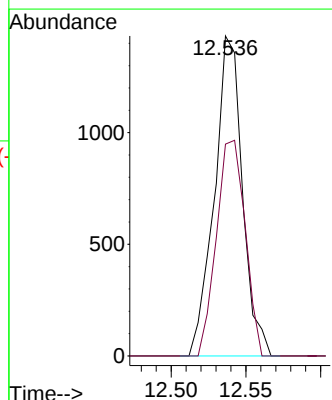
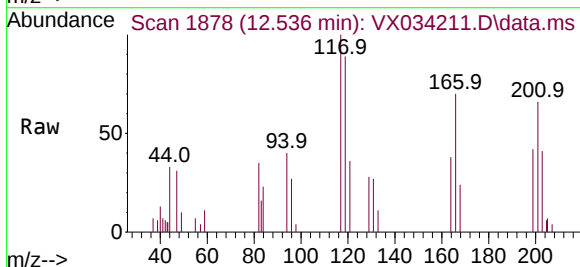
Manual Integrations
APPROVED

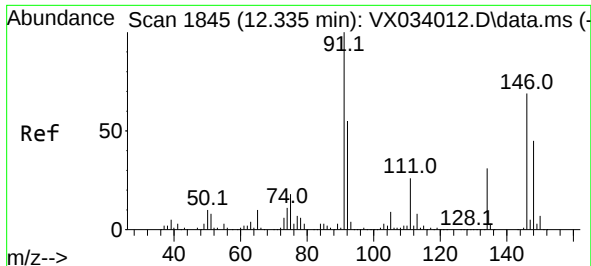
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 0.647 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

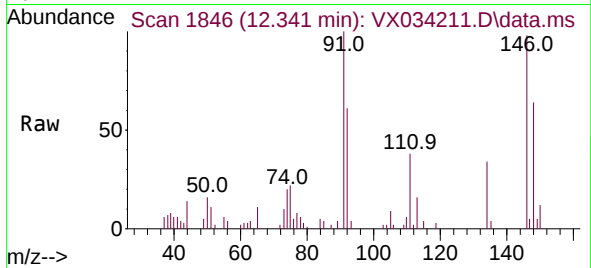
Tgt Ion:117 Resp: 1866
Ion Ratio Lower Upper
117 100
201 69.0 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 0.745 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

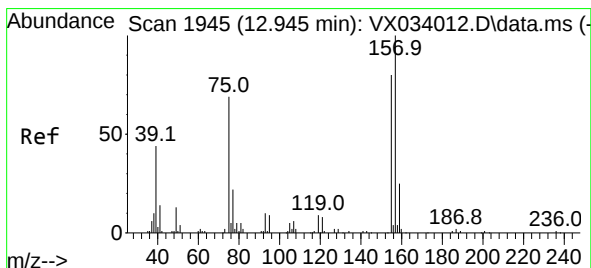
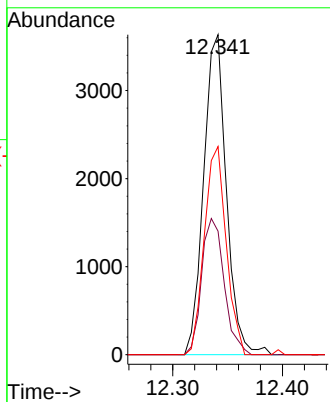
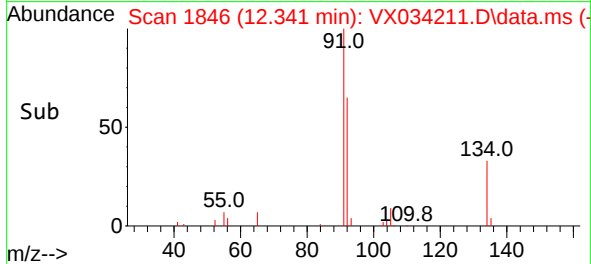
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:146 Resp: 524
Ion Ratio Lower Upper
146 100
111 42.2 19.3 57.8
148 62.6 32.3 96.9

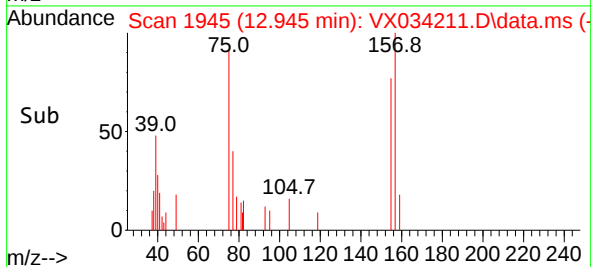
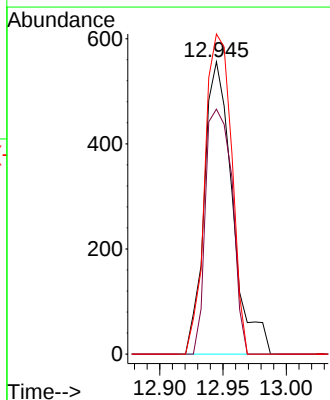
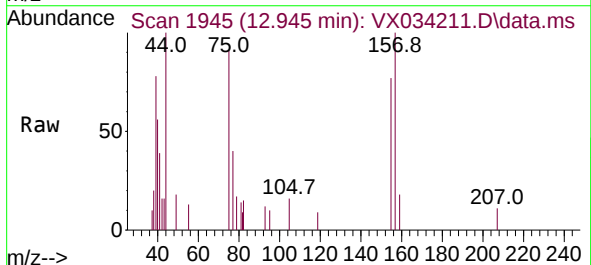
Manual Integrations
APPROVED

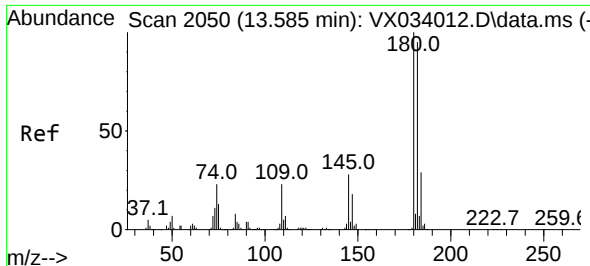
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.665 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion: 75 Resp: 864
Ion Ratio Lower Upper
75 100
155 78.4 51.7 155.1
157 103.2 67.5 202.3





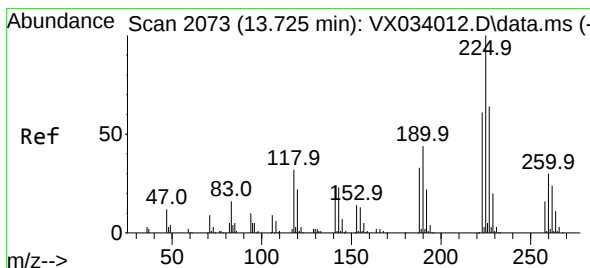
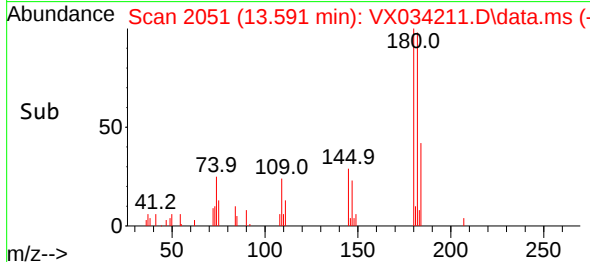
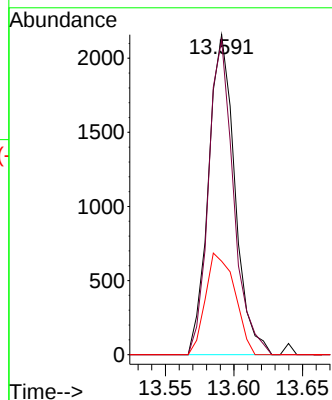
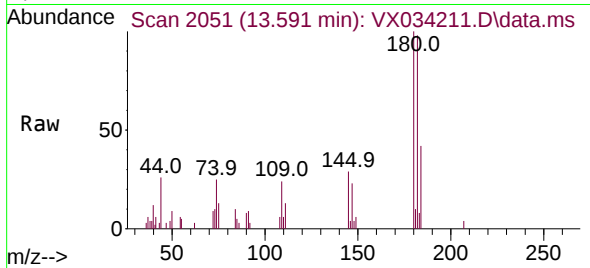
#93
1,2,4-Trichlorobenzene
Concen: 0.640 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

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

Tgt Ion:180 Resp: 2890
Ion Ratio Lower Upper
180 100
182 93.3 47.9 143.6
145 35.2 14.1 42.2

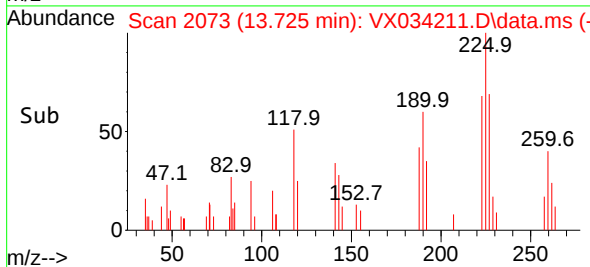
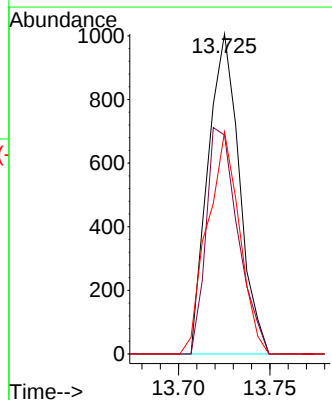
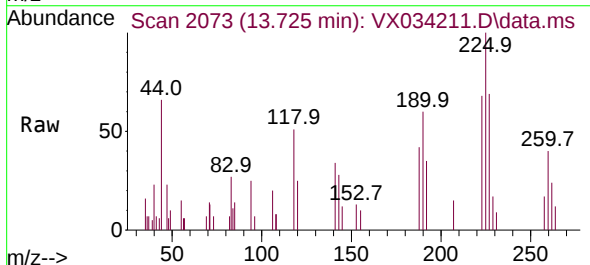
Manual Integrations
APPROVED

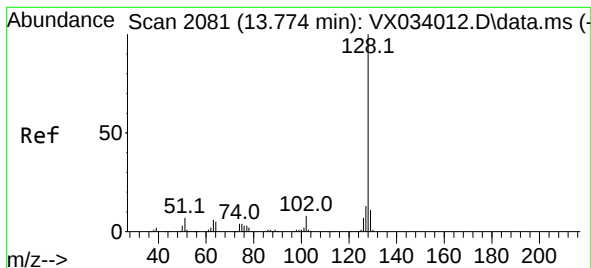
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#94
Hexachlorobutadiene
Concen: 0.642 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034211.D
Acq: 21 Feb 2023 15:54

Tgt Ion:225 Resp: 1202
Ion Ratio Lower Upper
225 100
223 72.0 31.3 93.9
227 71.3 32.3 96.9





#95

Naphthalene

Concen: 0.649 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

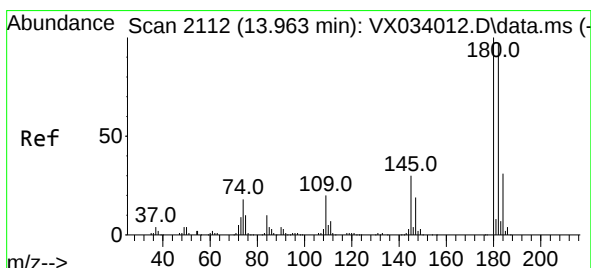
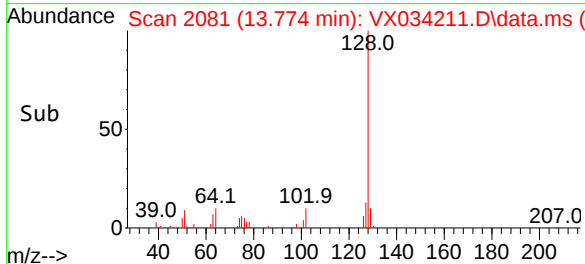
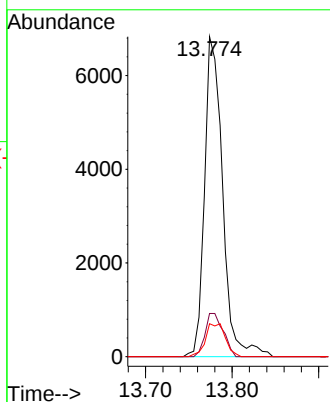
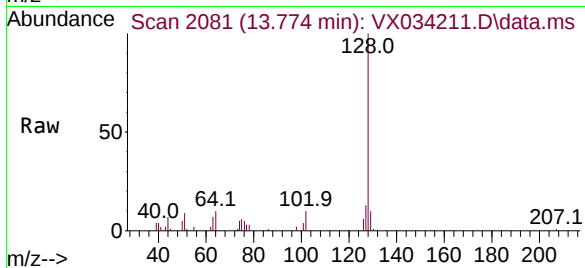
Tgt Ion:	128	Resp:	987
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 0.641 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034211.D

Acq: 21 Feb 2023 15:54

Tgt Ion:	180	Resp:	2874
Ion	Ratio	Lower	Upper
180	100		
182	100.0	47.6	142.9
145	37.7	15.1	45.3

