Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102920\
Data File : VX019177.D
Acq On : 28 Oct 2020 21:15
Operator : JC/MD
Sample : L4485-09
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-02

Manual Integrations APPROVED
MMDadoda
10/29/2020 11:04:32 AM

Quant Time: Oct 29 06:56:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 06:24:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	186800	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	166482	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	76167	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	63033	5.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.40%			
7) Chloroethane-d5	1.70	69	52095	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.34	63	92750	3.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.60%			
20) 2-Butanone-d5	4.56	46	143668	54.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.80%			
24) Chloroform-d	5.14	84	114581	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	6.03	65	62961	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	6.05	84	237537	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
36) 1,2-Dichloropropane-d6	7.37	67	68913	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	8.70	98	221153	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	8.99	79	28321	5.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.40%			
46) 2-Hexanone-d5	9.43	63	131107	54.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.22%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	50890	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
66) 1,2-Dichlorobenzene-d4	12.36	152	76371	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	3582	0.232	ug/L	100
3) Chloromethane	1.31	50	3417	0.256	ug/L	96
5) Vinyl chloride	1.39	62	3525	0.235	ug/L #	70
6) Bromomethane	1.64	94	2527	0.261	ug/L	99
8) Chloroethane	1.72	64	2336	0.257	ug/L	98
9) Trichlorofluoromethane	1.92	101	5138	0.237	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	3790	0.308	ug/L #	78
12) 1,1-Dichloroethene	2.36	96	3789	0.316	ug/L #	1
13) Acetone	2.46	43	3598	2.389	ug/L	65
14) Carbon disulfide	2.55	76	8966	0.241	ug/L	96
15) Methyl Acetate	2.76	43	1098	0.273	ug/L	92
16) Methylene chloride	2.83	84	5377	0.376	ug/L	96
17) Methyl tert-butyl Ether	3.17	73	6609	0.230	ug/L	97
18) trans-1,2-Dichloroethene	3.14	96	2978	0.236	ug/L	98
19) 1,1-Dichloroethane	3.67	63	4898	0.227	ug/L	96
21) 2-Butanone	4.67	43	5548	2.098	ug/L	94
22) cis-1,2-Dichloroethene	4.56	96	3131	0.233	ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102920\
Data File : VX019177.D
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Sample : L4485-09
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-02

Manual Integrations APPROVED
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10/29/2020 11:04:32 AM

Quant Time: Oct 29 06:56:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 06:24:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.98	128	1183	0.212	ug/L		84
25) Chloroform	5.18	83	6109	0.272	ug/L		92
27) 1,2-Dichloroethane	6.17	62	3482	0.248	ug/L		96
29) 1,1,1-Trichloroethane	5.46	97	4657	0.227	ug/L		97
30) Cyclohexane	5.55	56	4676	0.228	ug/L		96
31) Carbon tetrachloride	5.74	117	3757	0.215	ug/L		95
33) Benzene	6.10	78	11632	0.235	ug/L		100
34) Trichloroethene	7.19	95	3177	0.234	ug/L		97
35) Methylcyclohexane	7.44	83	4850	0.221	ug/L		97
37) 1,2-Dichloropropane	7.49	63	2818	0.241	ug/L	#	86
38) Bromodichloromethane	7.87	83	3412	0.224	ug/L		92
39) cis-1,3-Dichloropropene	8.42	75	3748	0.209	ug/L		97
40) 4-Methyl-2-pentanone	8.62	43	14072	2.254	ug/L	#	87
42) Toluene	8.76	91	12232	0.228	ug/L		100
44) trans-1,3-Dichloropropene	9.02	75	3480m	0.231	ug/L		
45) 1,1,2-Trichloroethane	9.20	97	1889	0.221	ug/L		98
47) Tetrachloroethene	9.31	164	2310	0.223	ug/L		91
48) 2-Hexanone	9.48	43	11282	2.584	ug/L		99
49) Dibromochloromethane	9.57	129	2071	0.210	ug/L		96
50) 1,2-Dibromoethane	9.66	107	1806	0.228	ug/L	#	98
51) Chlorobenzene	10.12	112	7589	0.224	ug/L		94
52) Ethylbenzene	10.23	91	13033	0.217	ug/L		99
53) m,p-xylene	10.34	106	5120	0.223	ug/L		97
54) o-xylene	10.68	106	4910	0.223	ug/L		96
55) Styrene	10.70	104	7462	0.207	ug/L		95
57) 1,1,2,2-Tetrachloroethane	11.25	83	2426	0.250	ug/L	#	90
59) Bromoform	10.84	173	1047	0.209	ug/L	#	94
60) Isopropylbenzene	11.00	105	12608	0.225	ug/L		99
61) 1,2,3-Trichloropropane	11.28	75	1603	0.235	ug/L		95
62) 1,3,5-Trimethylbenzene	11.49	105	10133	0.216	ug/L		99
63) 1,2,4-Trimethylbenzene	11.79	105	10147	0.214	ug/L		99
64) 1,3-Dichlorobenzene	12.01	146	5735	0.231	ug/L		97
65) 1,4-Dichlorobenzene	12.08	146	6064	0.244	ug/L		98
67) 1,2-Dichlorobenzene	12.38	146	5498	0.241	ug/L		92
68) 1,2-Dibromo-3-chloropropan	12.98	75	397	0.254	ug/L	#	71
69) 1,3,5-Trichlorobenzene	13.15	180	4086	0.224	ug/L		98
70) 1,2,4-trichlorobenzene	13.63	180	3435	0.216	ug/L		99
71) Naphthalene	13.82	128	5833	0.204	ug/L		99
72) 1,2,3-Trichlorobenzene	14.00	180	3089	0.220	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-02

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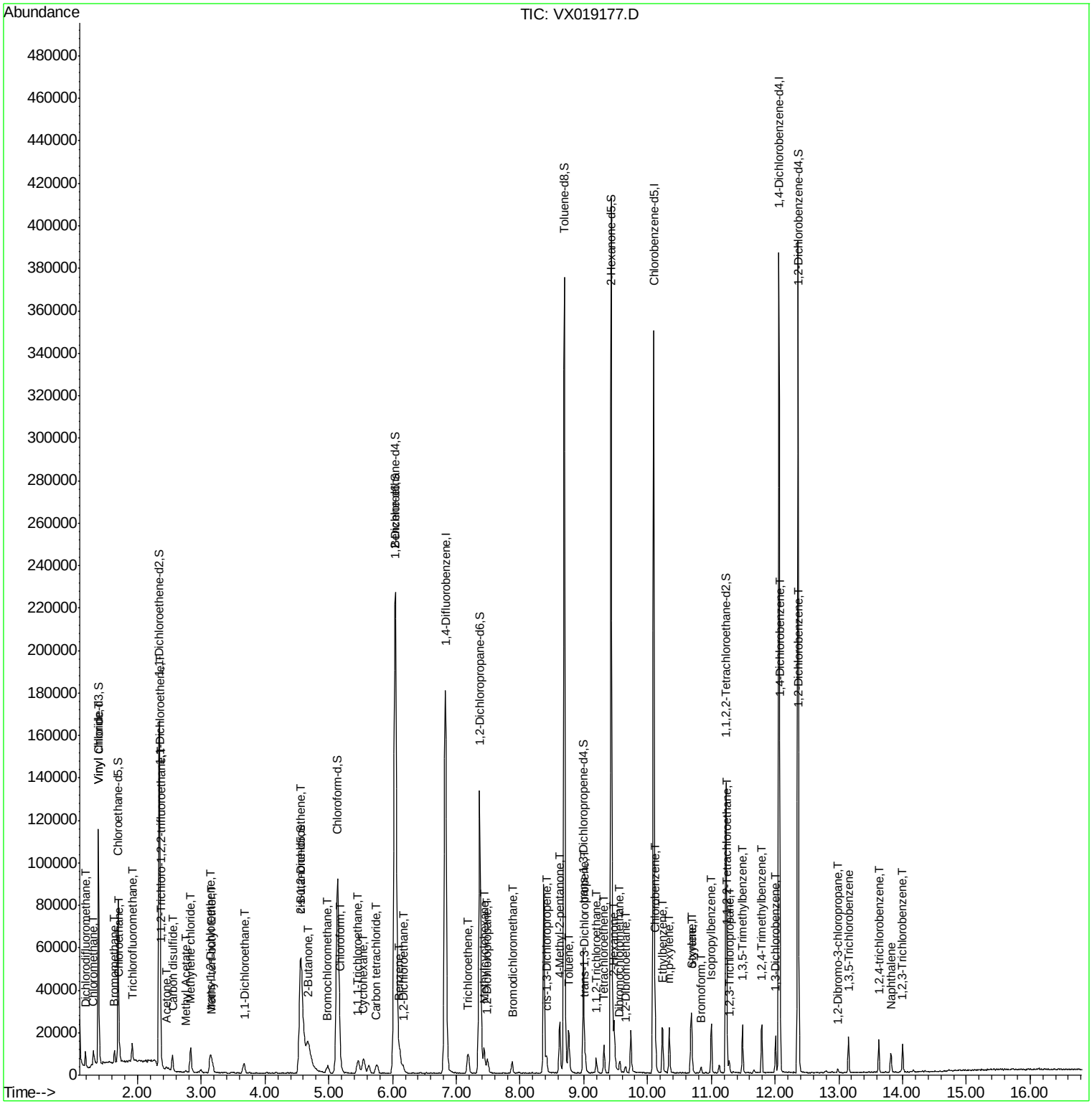
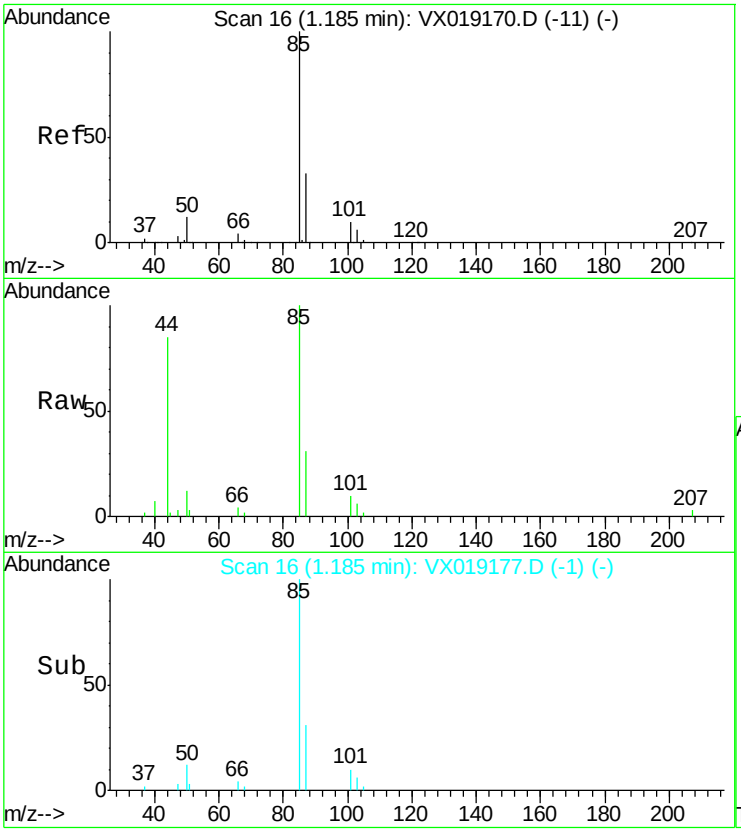
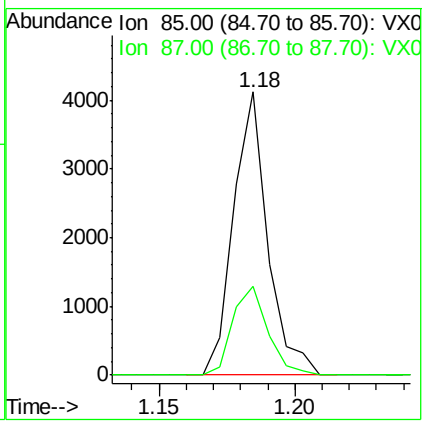




#2
Dichlorodifluoromethane
Concen: 0.232 ug/L
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 85 Resp: 3582

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-02

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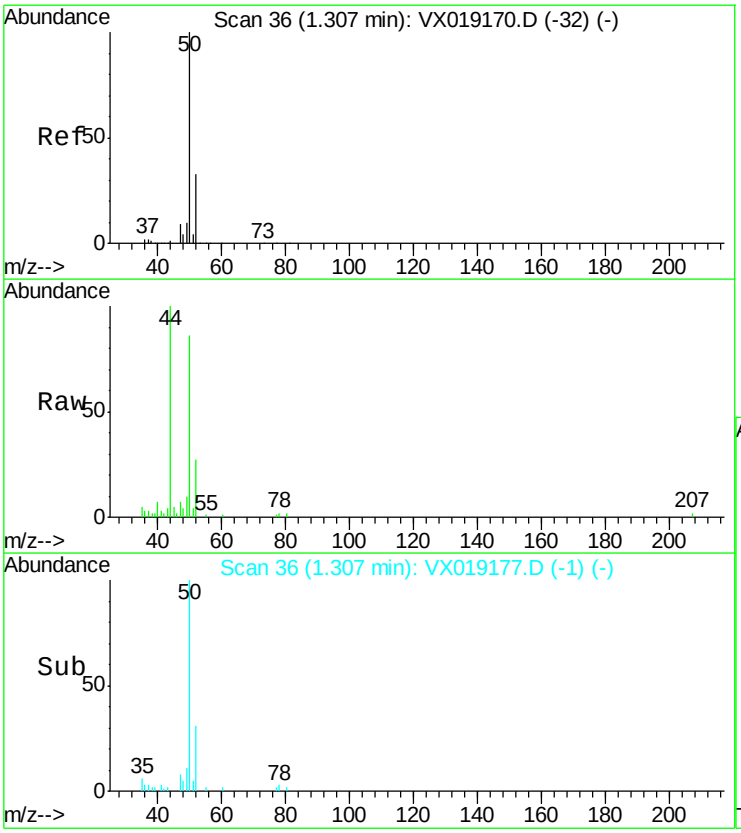
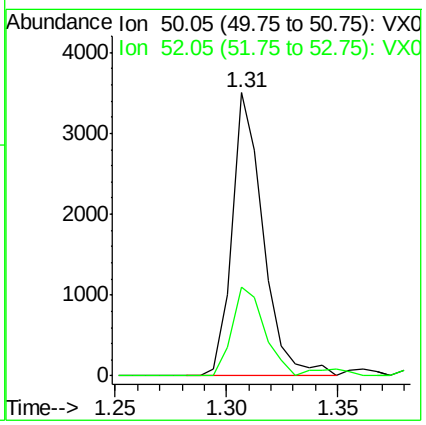
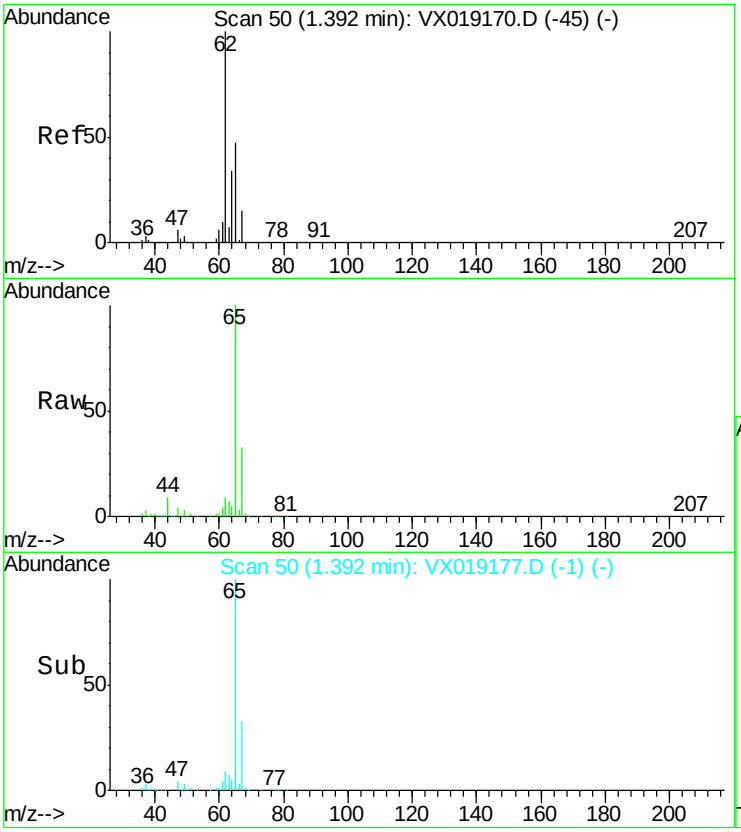


#3
Chloromethane
Concen: 0.256 ug/L
RT: 1.31 min Scan# 36
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 50 Resp: 3417

Ion	Ratio	Lower	Upper
50	100		
52	31.2	23.4	43.6

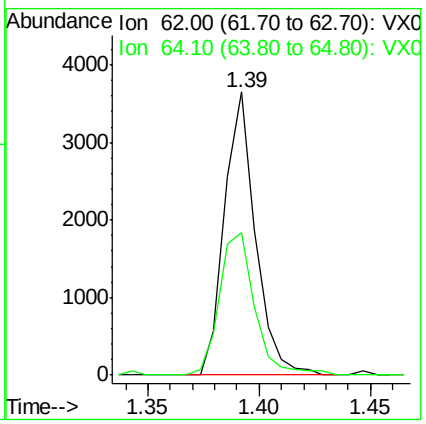




#5
Vinyl chloride
Concen: 0.235 ug/L
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 62 Resp: 3525

Ion	Ratio	Lower	Upper
62	100		
64	50.5	23.5	43.7#



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-02

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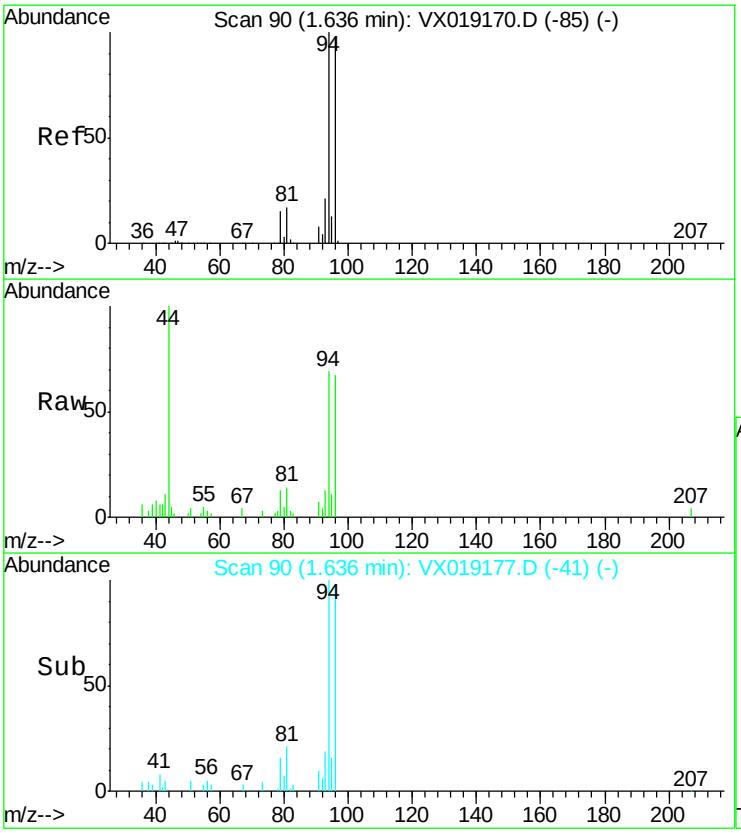
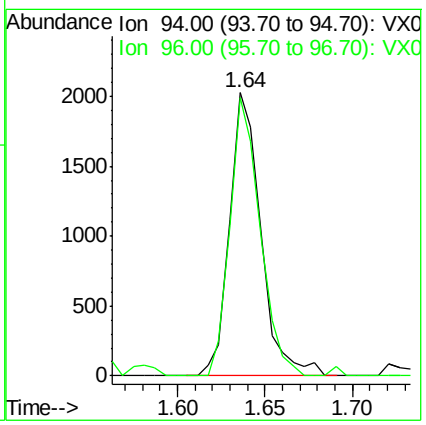
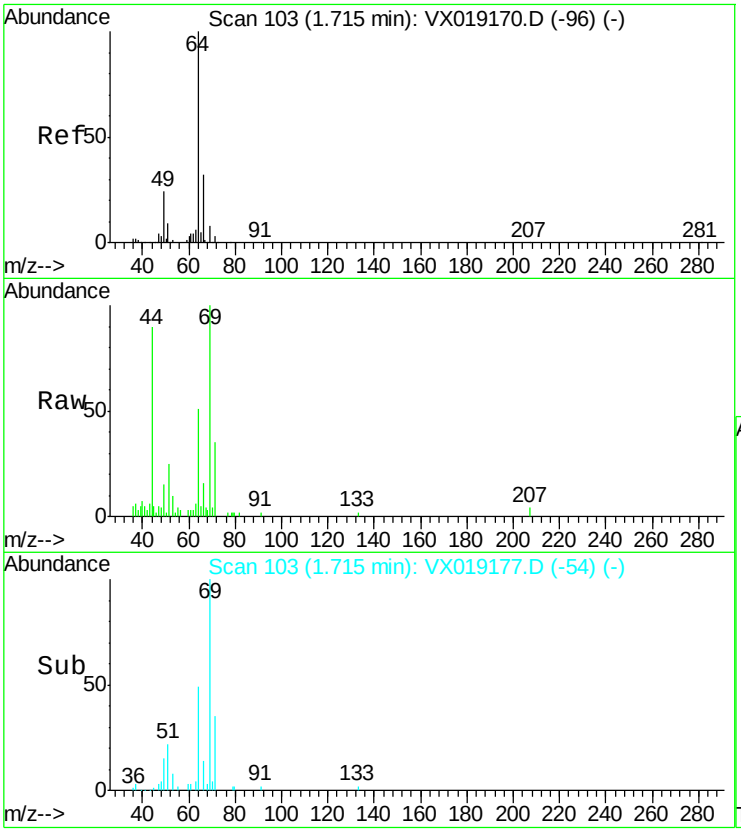


#6
Bromomethane
Concen: 0.261 ug/L
RT: 1.64 min Scan# 90
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 94 Resp: 2527

Ion	Ratio	Lower	Upper
94	100		
96	98.4	67.9	126.1

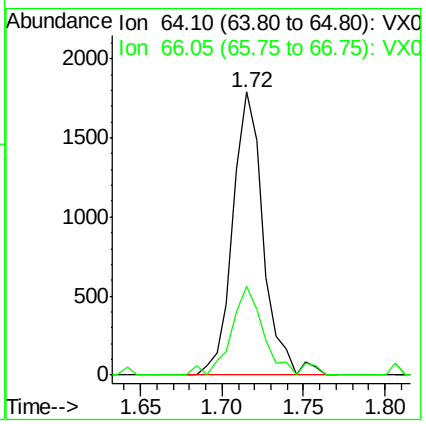




#8
Chloroethane
Concen: 0.257 ug/L
RT: 1.72 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 64 Resp: 2336

Ion	Ratio	Lower	Upper
64	100		
66	31.5	22.7	42.1



Instrument :
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ClientSampleId :
MDL-WATER-02

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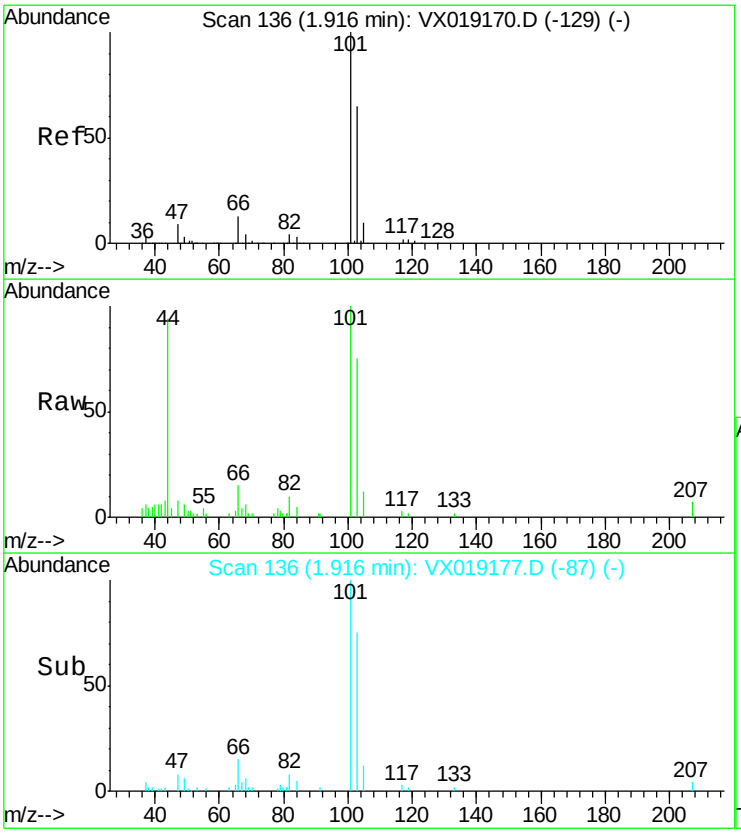
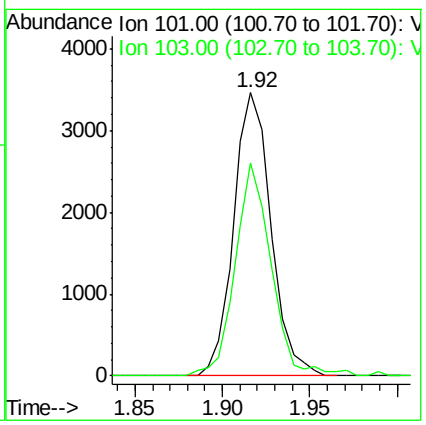
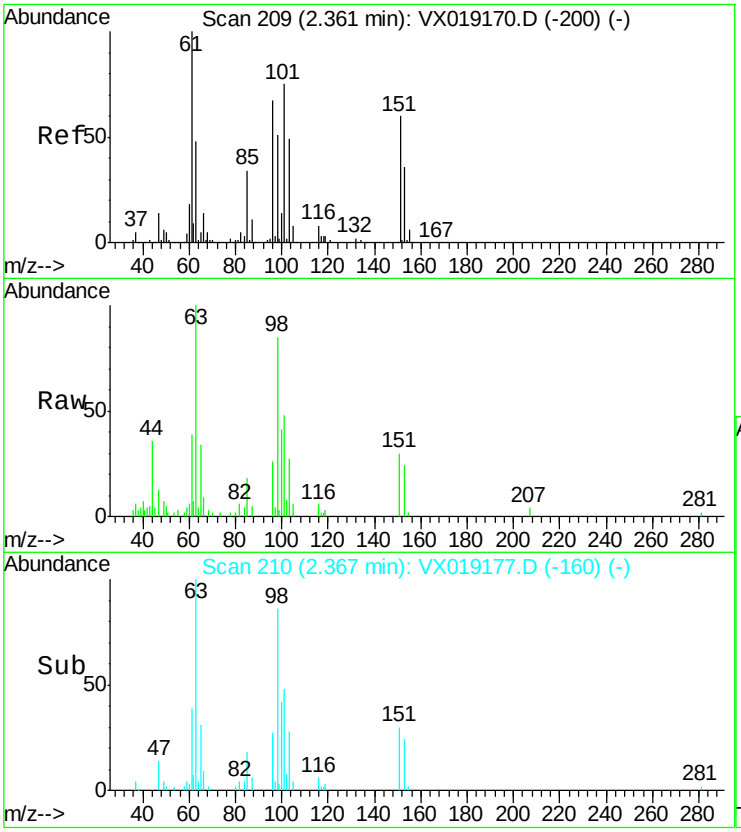


#9
Trichlorofluoromethane
Concen: 0.237 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:101 Resp: 5138

Ion	Ratio	Lower	Upper
101	100		
103	72.5	51.9	77.9





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.308 ug/L
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Instrument :
MSVOA_X
ClientSampleId :
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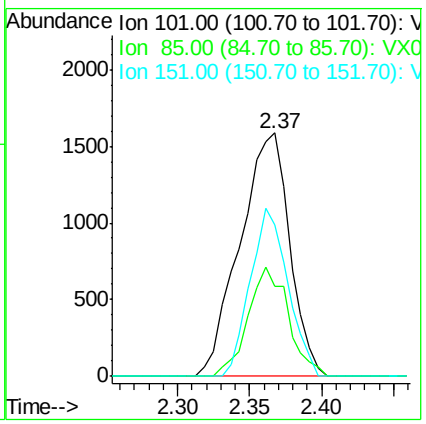
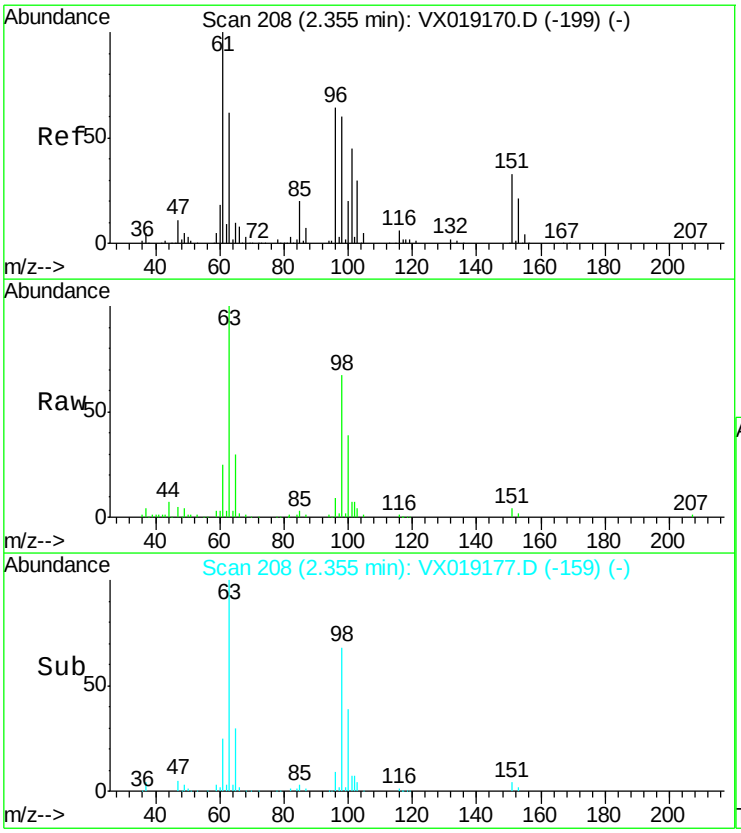
Tgt Ion:101 Resp: 3790

Ion	Ratio	Lower	Upper
101	100		
85	36.1	35.3	52.9
151	52.2	60.9	91.3#

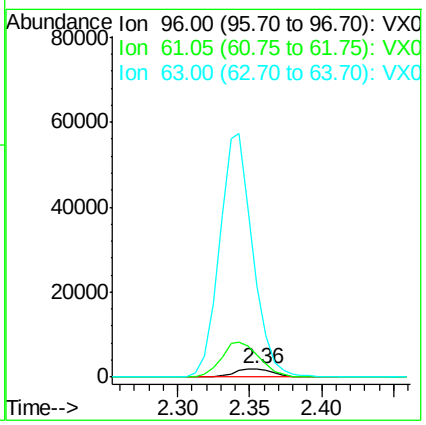


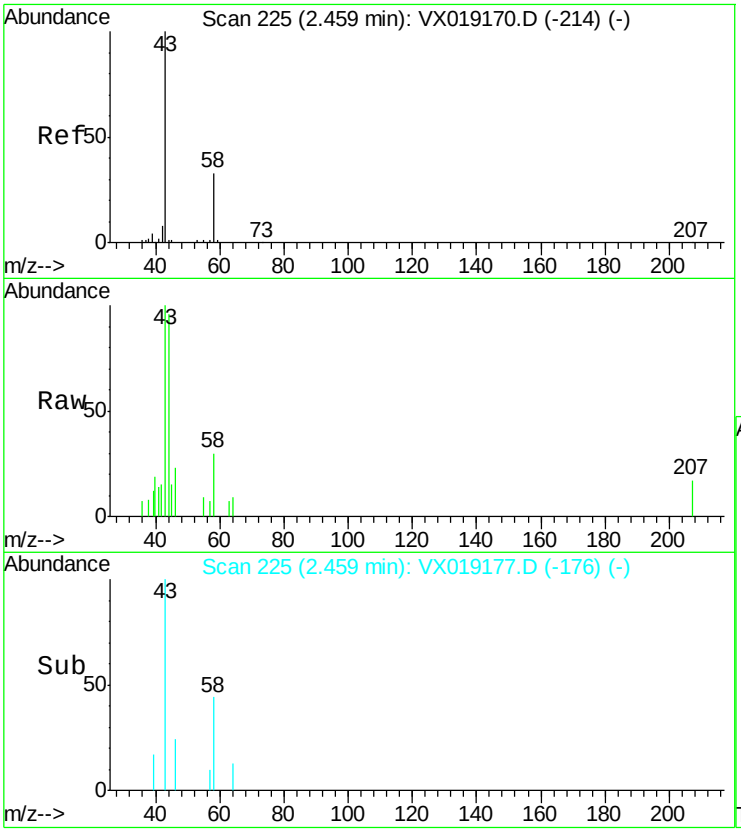


#12
1,1-Dichloroethene
Concen: 0.316 ug/L
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 96 Resp: 3789

Ion	Ratio	Lower	Upper
96	100		
61	268.9	109.5	203.3#
63	1088.5	68.3	126.9#





#13
Acetone
Concen: 2.389 ug/L
RT: 2.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 43 Resp: 3598

Ion	Ratio	Lower	Upper
43	100		
58	13.2	0.0	65.4

Instrument :
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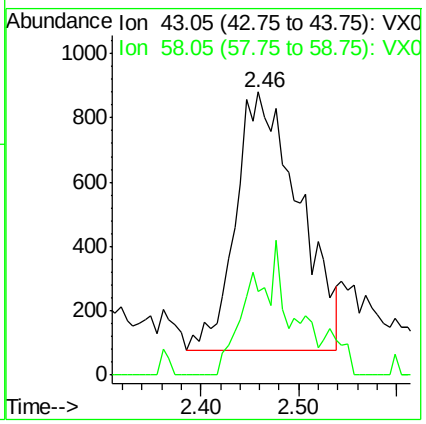
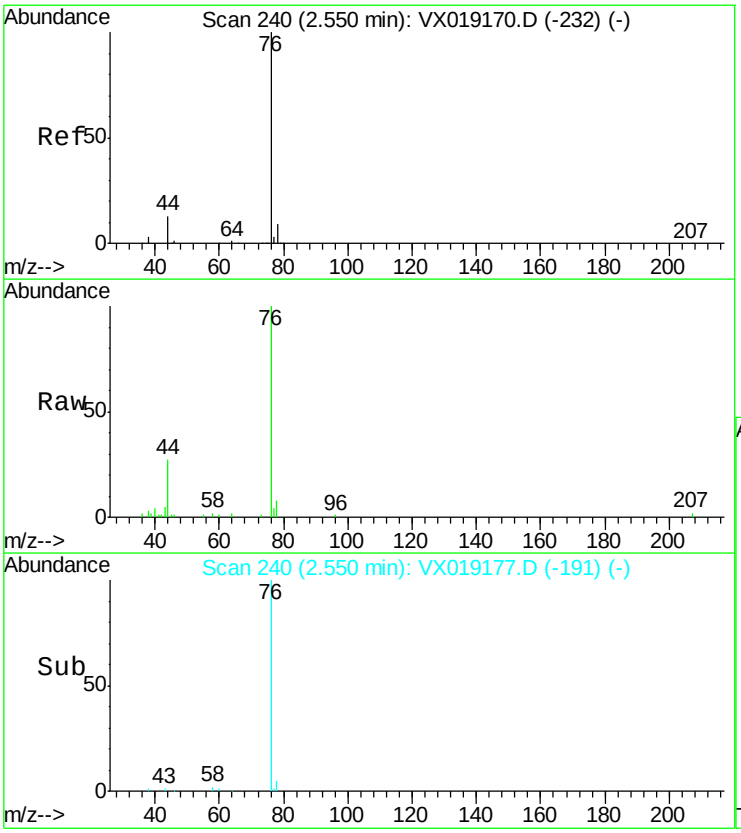
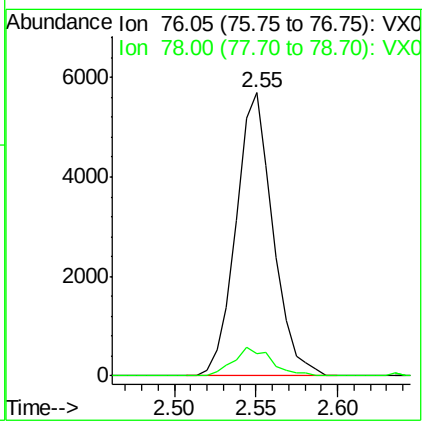


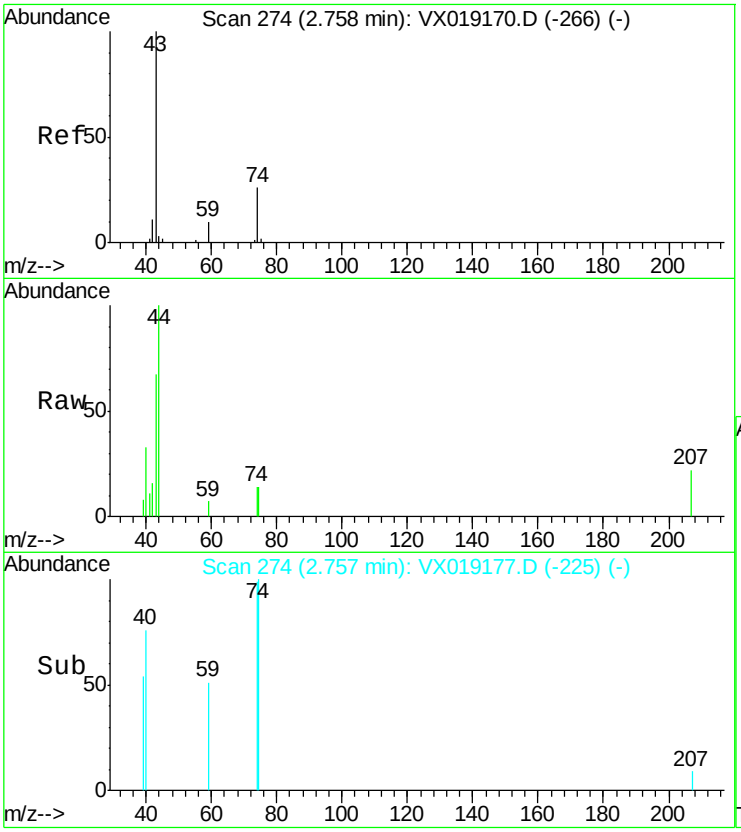


#14
Carbon disulfide
Concen: 0.241 ug/L
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 76 Resp: 8966

Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.4	11.0





#15
Methyl Acetate
Concen: 0.273 ug/L
RT: 2.76 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 43 Resp: 1098

Ion	Ratio	Lower	Upper
43	100		
74	32.3	22.3	33.5

Instrument :
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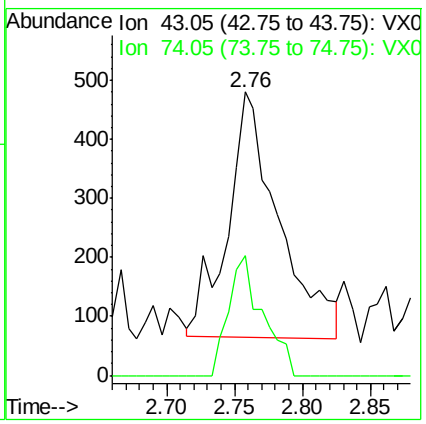
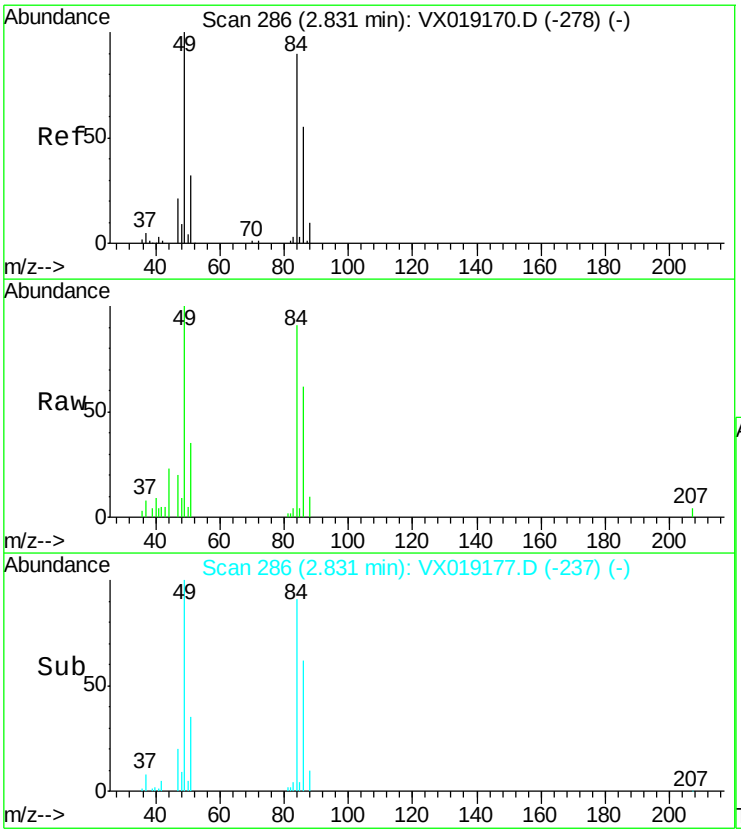
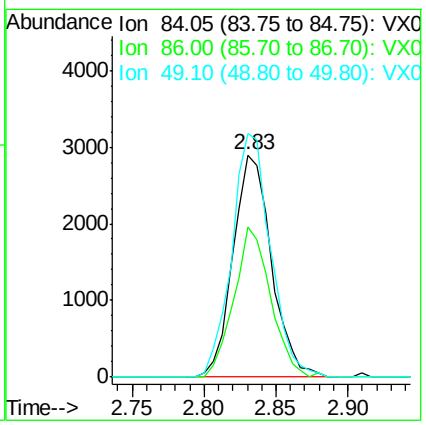


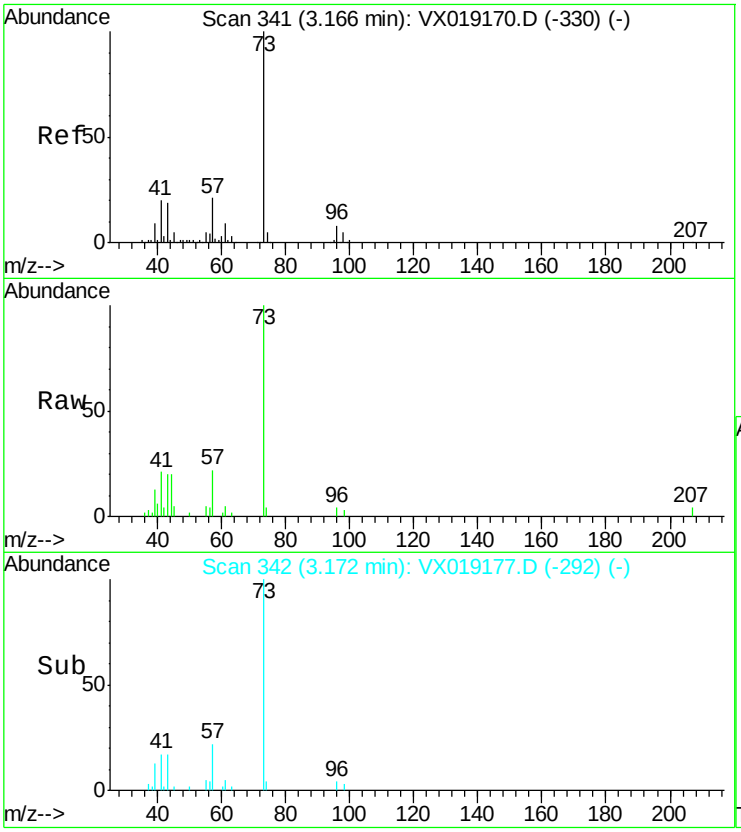


#16
Methylene chloride
Concen: 0.376 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 84 Resp: 5377

Ion	Ratio	Lower	Upper
84	100		
86	67.5	42.2	78.4
49	109.7	77.5	143.9

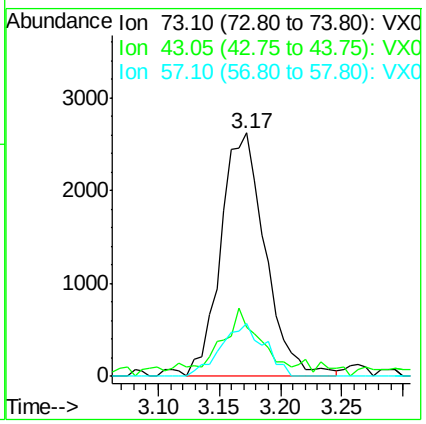




#17
Methyl tert-butyl Ether
Concen: 0.230 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 73 Resp: 6609

Ion	Ratio	Lower	Upper
73	100		
43	17.1	16.1	24.1
57	21.1	16.8	25.2



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-02

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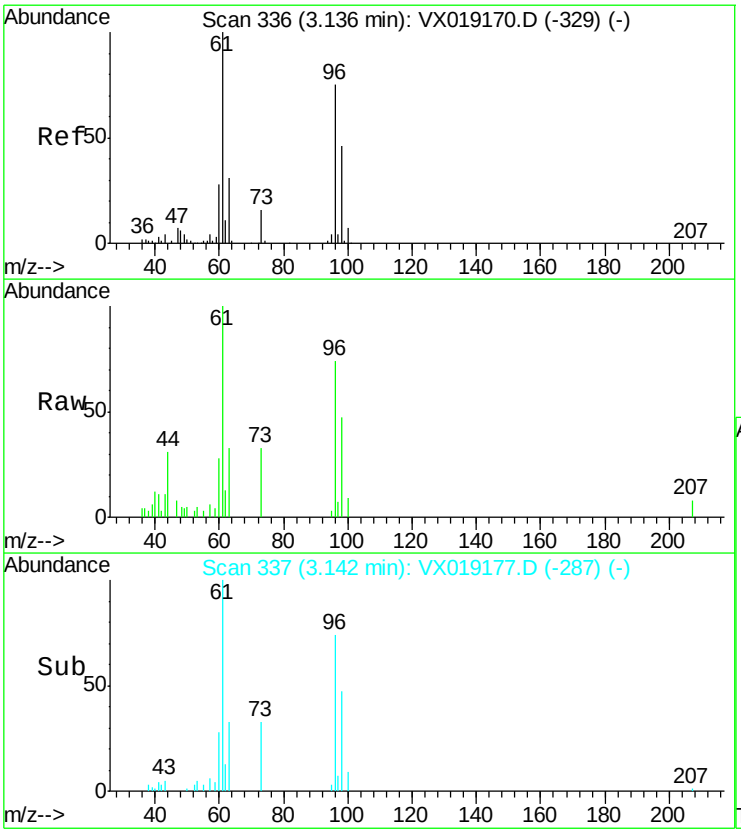
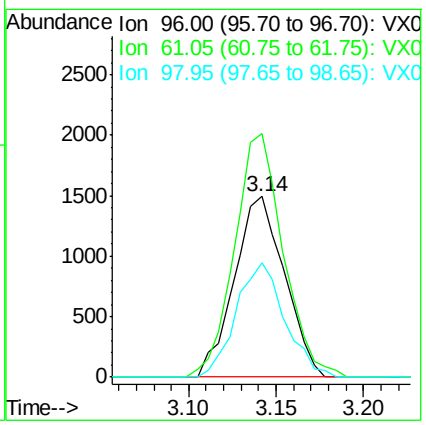
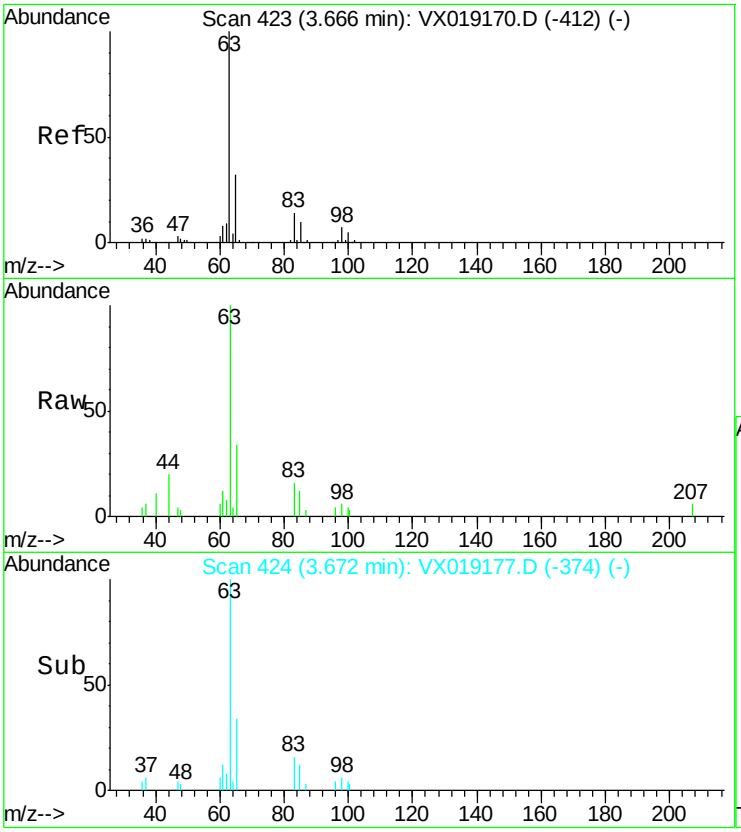


#18
trans-1,2-Dichloroethene
Concen: 0.236 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 96 Resp: 2978

Ion	Ratio	Lower	Upper
96	100		
61	135.0	93.7	173.9
98	63.7	42.8	79.6

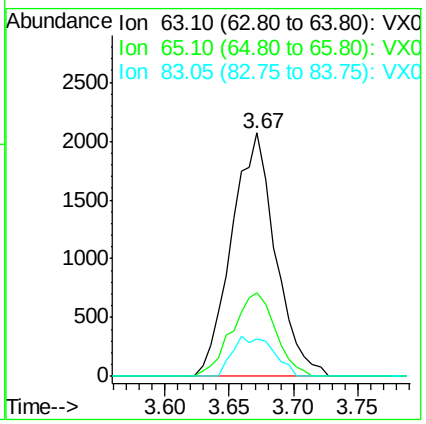




#19
1,1-Dichloroethane
Concen: 0.227 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 63 Resp: 4898

Ion	Ratio	Lower	Upper
63	100		
65	34.2	22.5	41.9
83	15.6	9.7	17.9



Instrument :
MSVOA_X
ClientSampleId :
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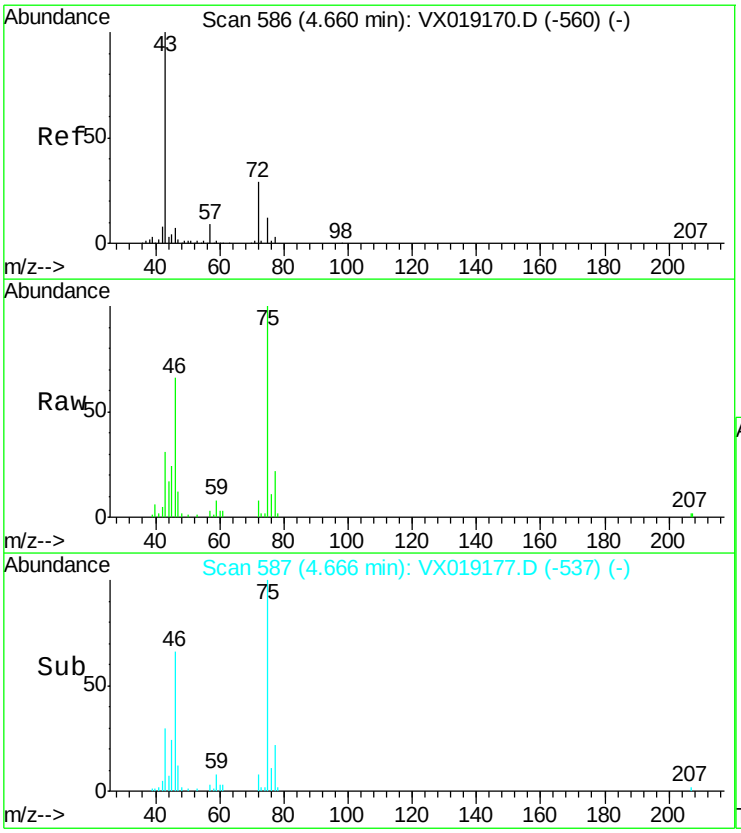
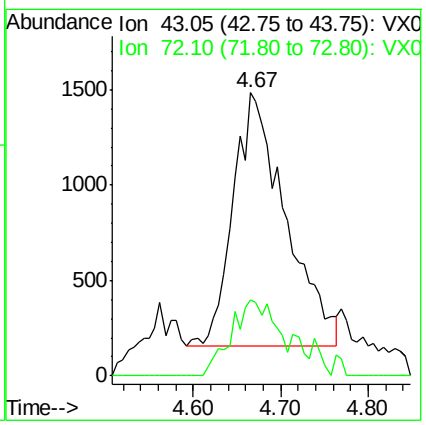
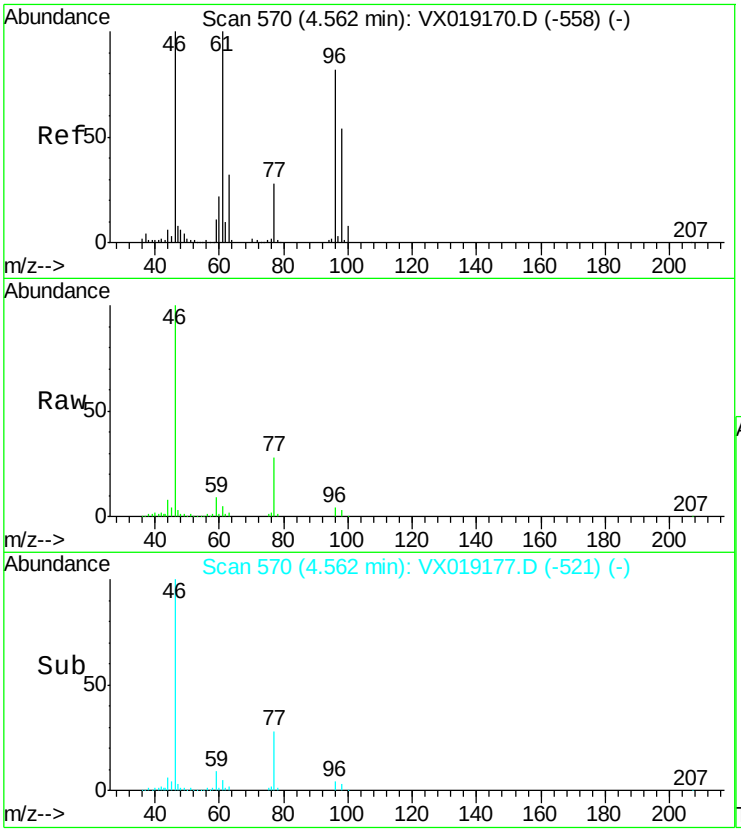


#21
2-Butanone
Concen: 2.098 ug/L
RT: 4.67 min Scan# 587
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 43 Resp: 5548

Ion	Ratio	Lower	Upper
43	100		
72	25.6	14.4	43.4

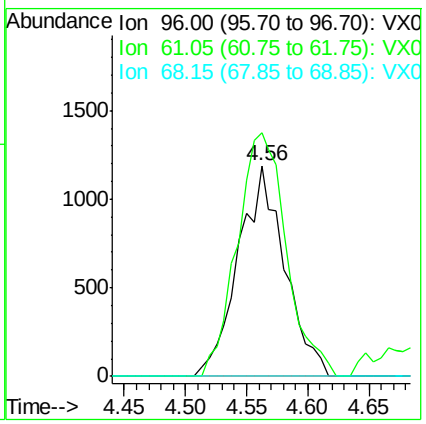




#22
cis-1,2-Dichloroethene
Concen: 0.233 ug/L
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 96 Resp: 3131

Ion	Ratio	Lower	Upper
96	100		
61	115.6	85.7	159.1
68	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
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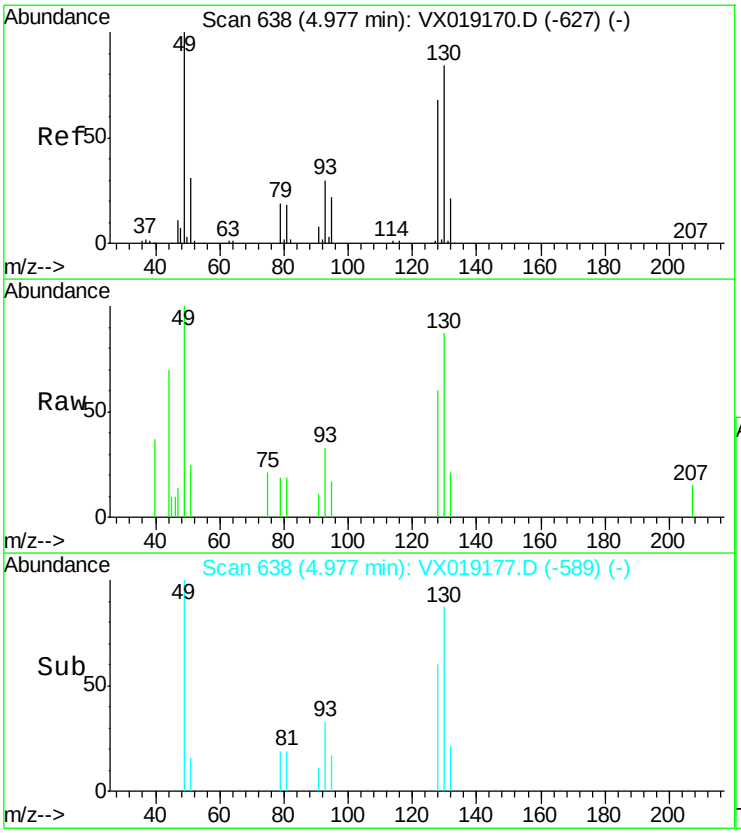
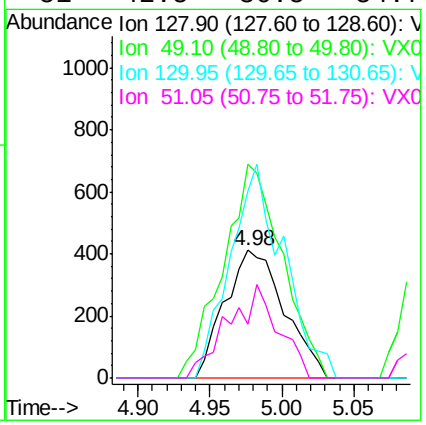
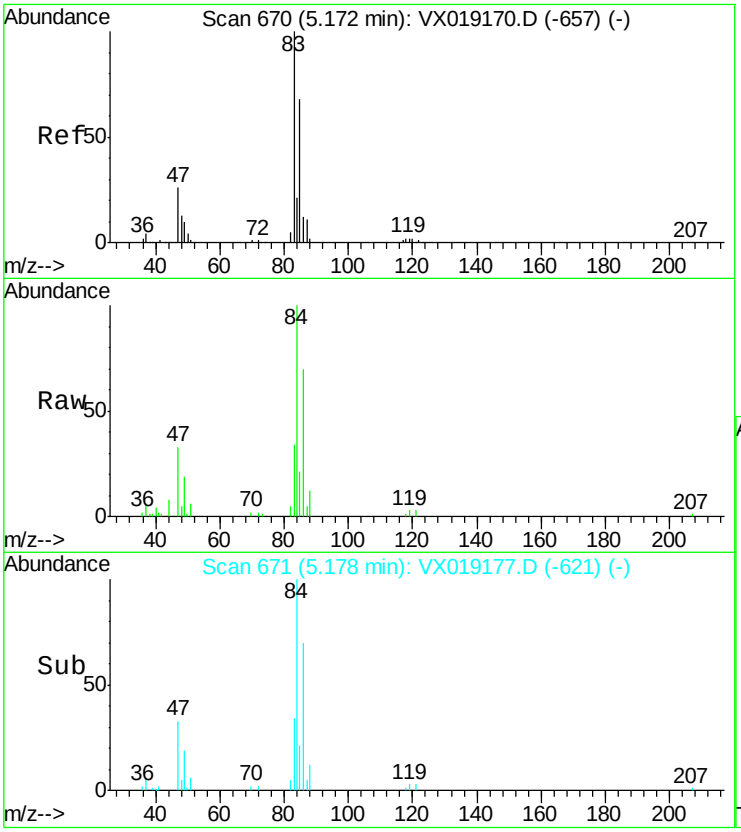


#23
Bromochloromethane
Concen: 0.212 ug/L
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:128 Resp: 1183

Ion	Ratio	Lower	Upper
128	100		
49	167.2	102.8	191.0
130	146.1	86.3	160.3
51	42.5	36.5	54.7

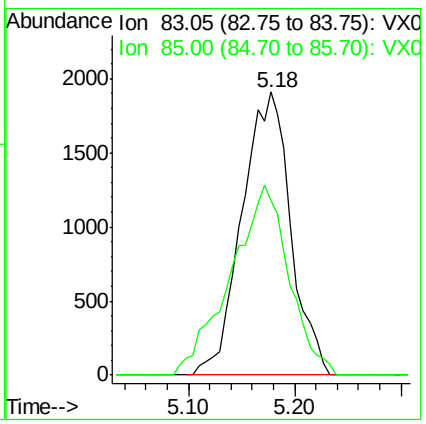




#25
Chloroform
Concen: 0.272 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 83 Resp: 6109

Ion	Ratio	Lower	Upper
83	100		
85	61.5	47.6	88.4



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-02

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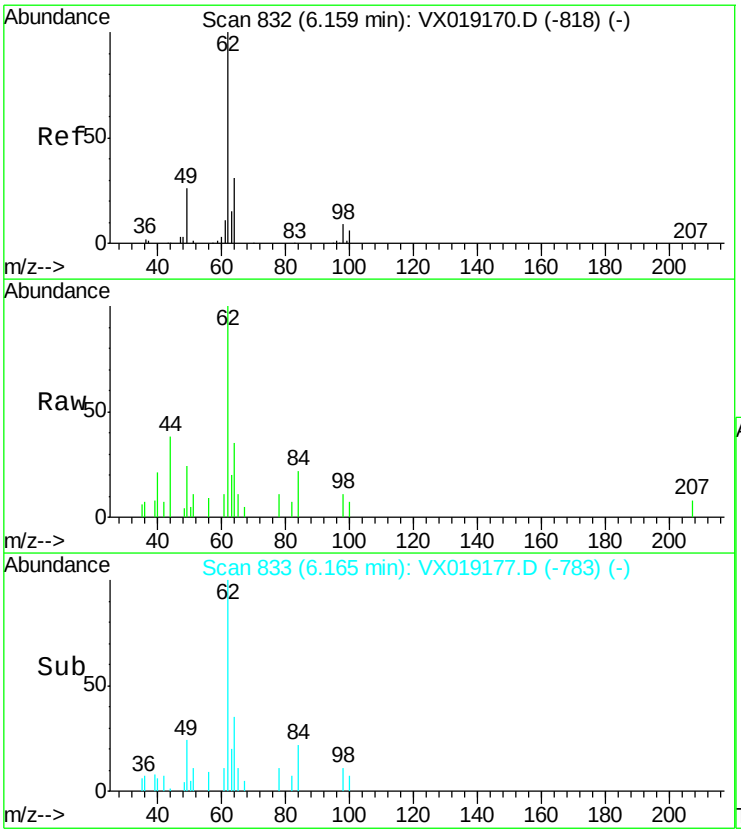
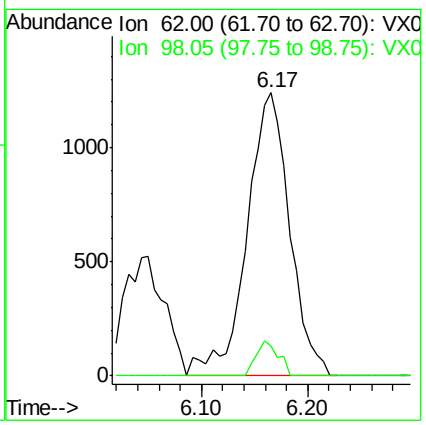
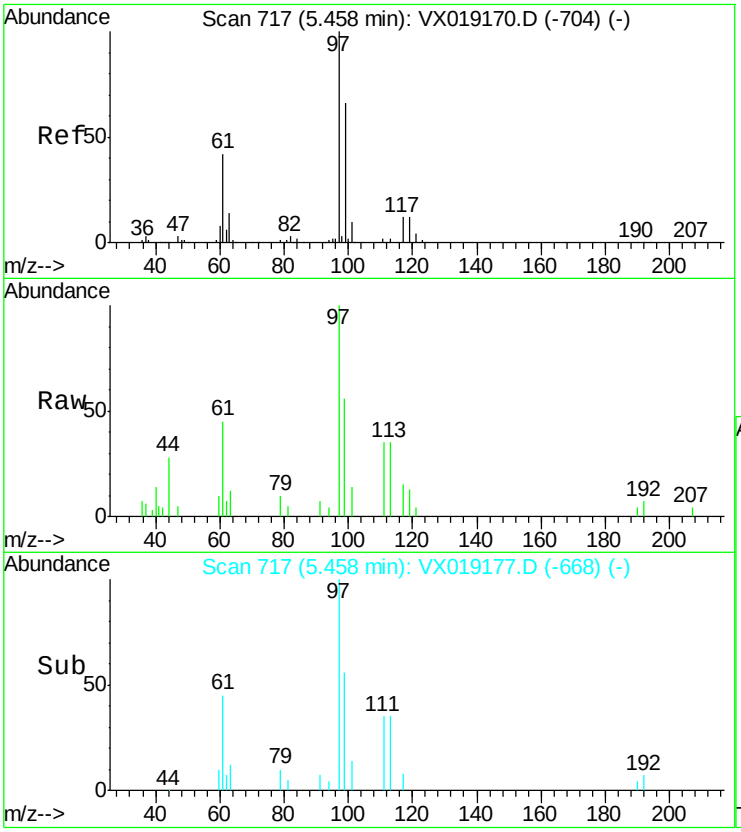


#27
1,2-Dichloroethane
Concen: 0.248 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 62 Resp: 3482

Ion	Ratio	Lower	Upper
62	100		
98	10.8	7.4	11.0

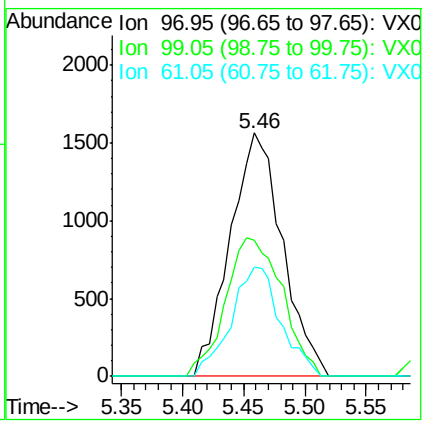




#29
1,1,1-Trichloroethane
Concen: 0.227 ug/L
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 97 Resp: 4657

Ion	Ratio	Lower	Upper
97	100		
99	61.3	51.8	77.8
61	42.6	34.5	51.7



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-02

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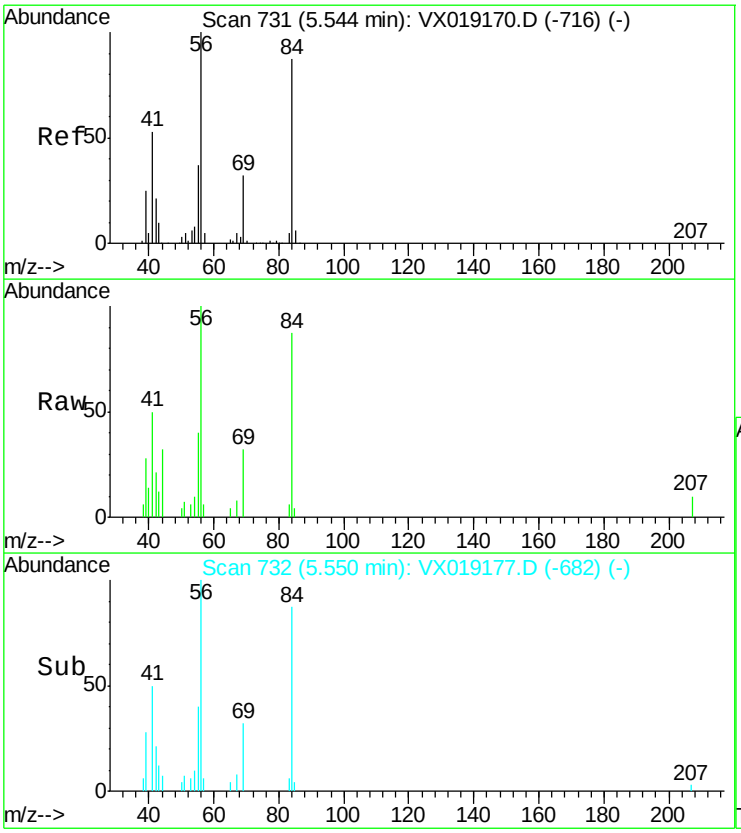
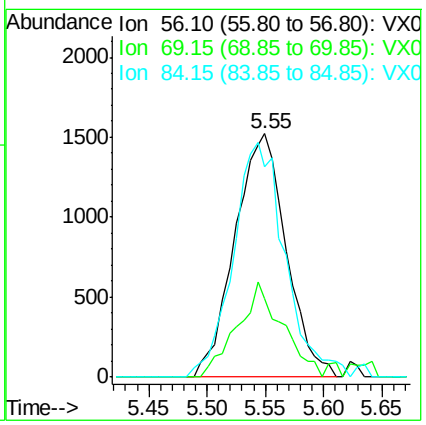
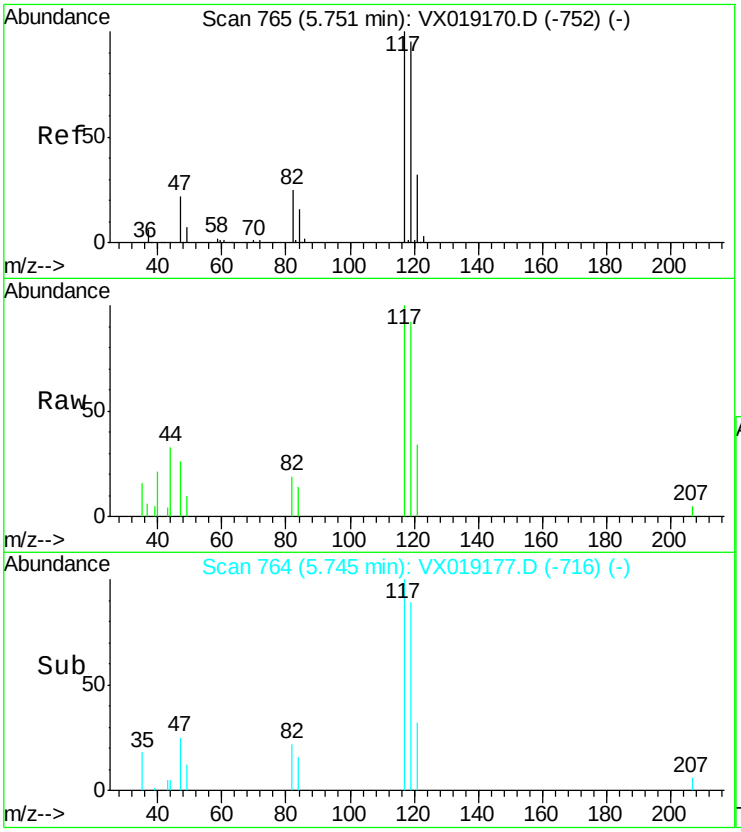


#30
Cyclohexane
Concen: 0.228 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 56 Resp: 4676

Ion	Ratio	Lower	Upper
56	100		
69	34.2	26.2	39.2
84	97.3	74.5	111.7

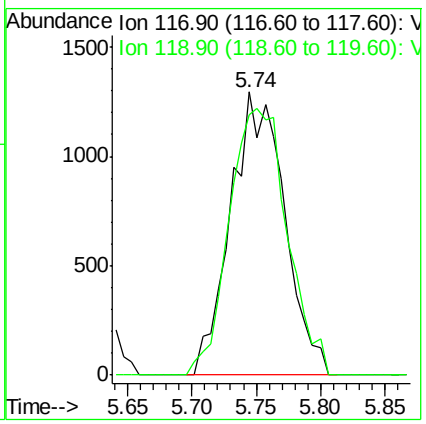




#31
Carbon tetrachloride
Concen: 0.215 ug/L
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:117 Resp: 3757

Ion	Ratio	Lower	Upper
117	100		
119	101.5	77.3	115.9



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-02

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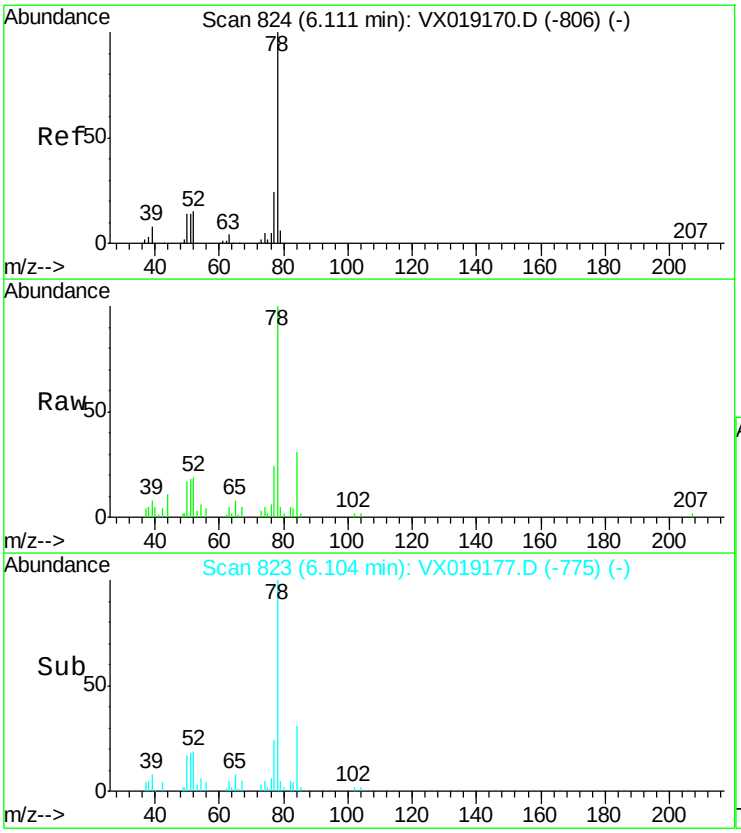
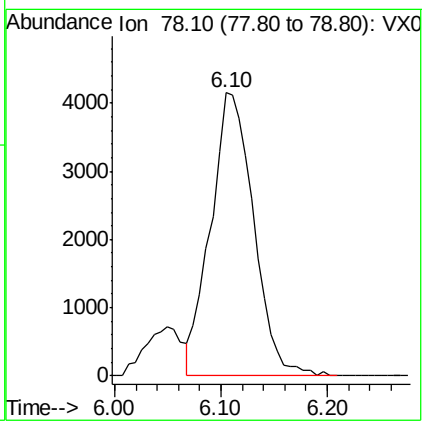
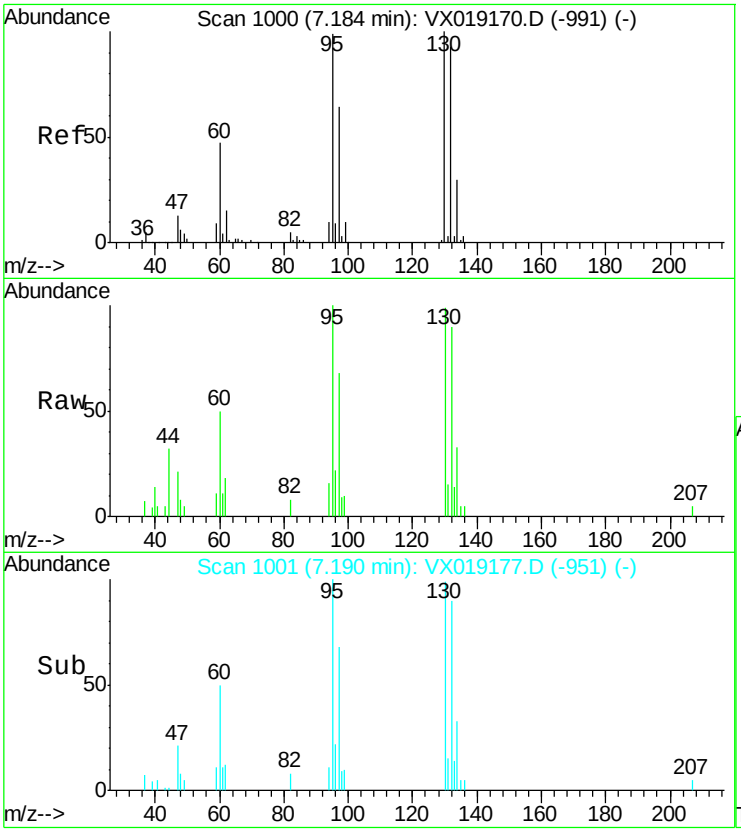


#33
Benzene
Concen: 0.235 ug/L
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 78 Resp: 11632

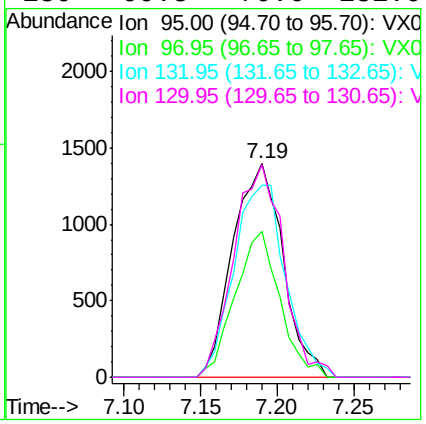




#34
Trichloroethene
Concen: 0.234 ug/L
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 95 Resp: 3177

Ion	Ratio	Lower	Upper
95	100		
97	68.3	45.2	84.0
132	89.8	65.3	121.3
130	99.3	70.6	131.0



Instrument :
MSVOA_X
ClientSampleId :
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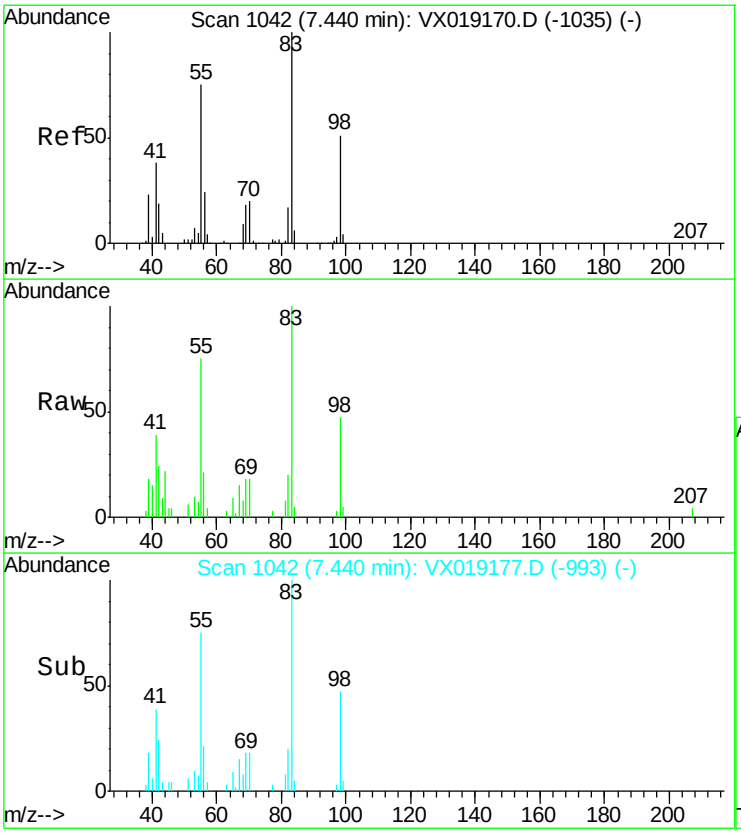
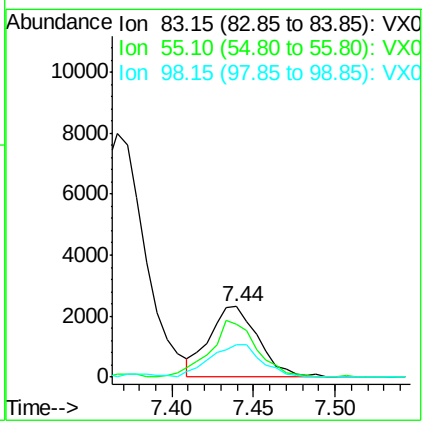
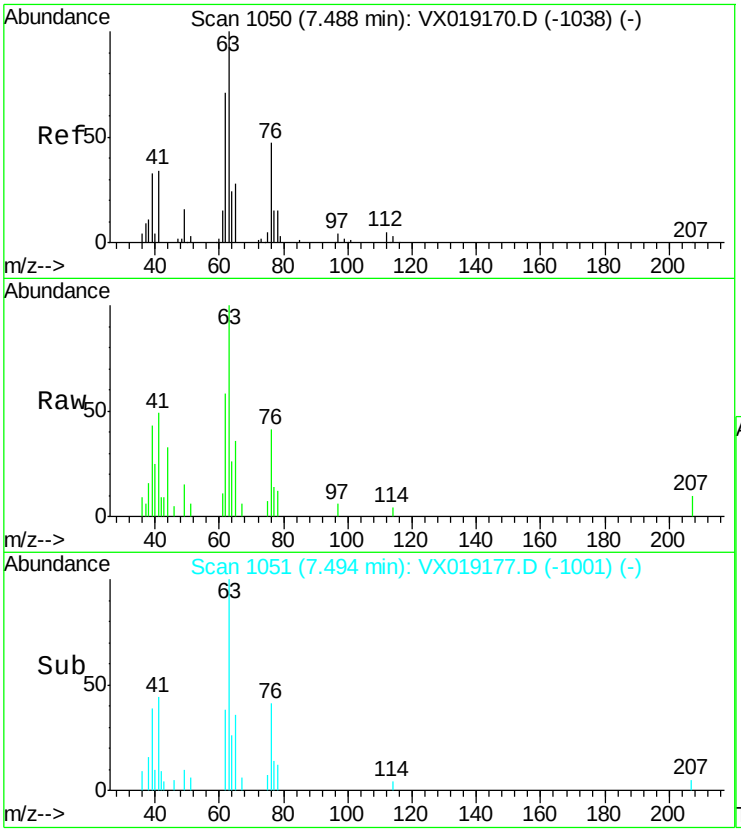


#35
Methylcyclohexane
Concen: 0.221 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 83 Resp: 4850

Ion	Ratio	Lower	Upper
83	100		
55	75.8	58.5	87.7
98	48.2	40.1	60.1

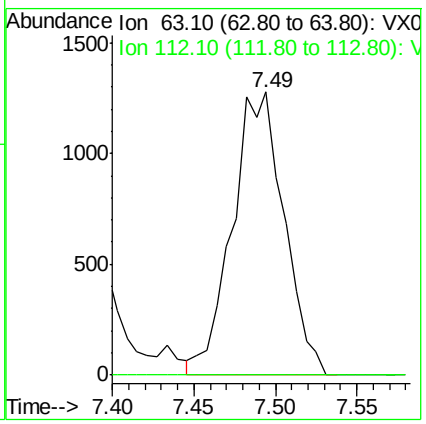




#37
1,2-Dichloropropane
Concen: 0.241 ug/L
RT: 7.49 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 63 Resp: 2818

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



Instrument :
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ClientSampleId :
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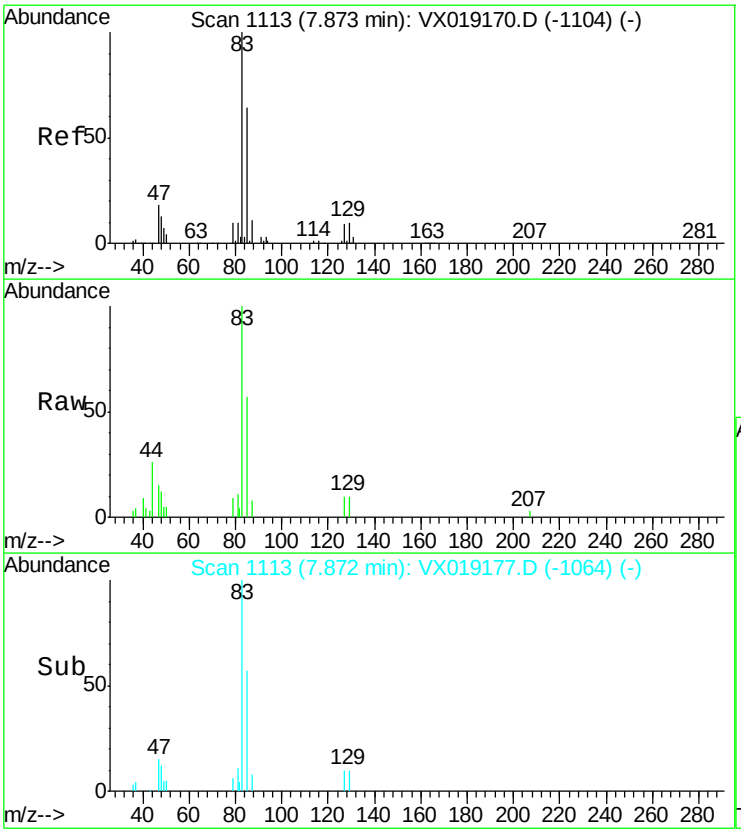
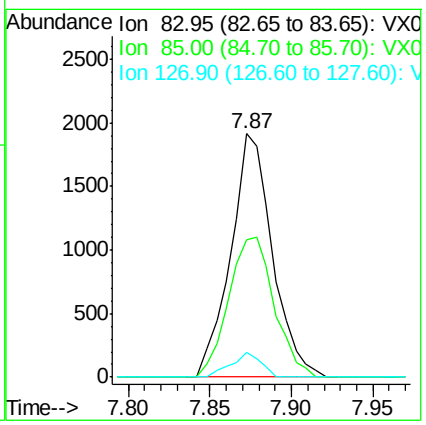
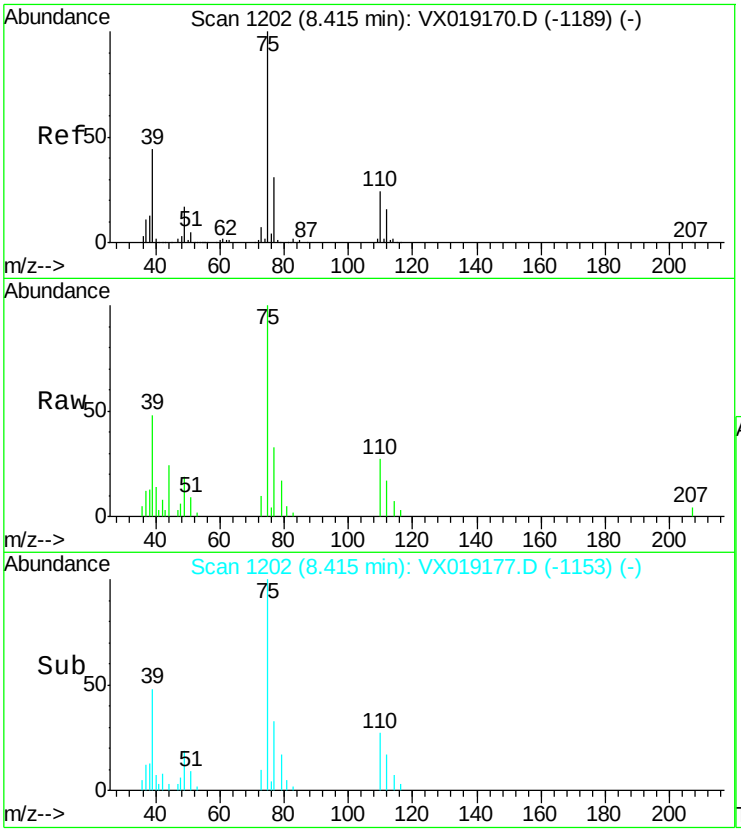


#38
Bromodichloromethane
Concen: 0.224 ug/L
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 83 Resp: 3412

Ion	Ratio	Lower	Upper
83	100		
85	56.7	44.4	82.5
127	10.1	7.2	10.8





#39
cis-1,3-Dichloropropene
Concen: 0.209 ug/L
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 75 Resp: 3748

Ion	Ratio	Lower	Upper
75	100		
77	32.8	21.8	40.6

Instrument :
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ClientSampleId :
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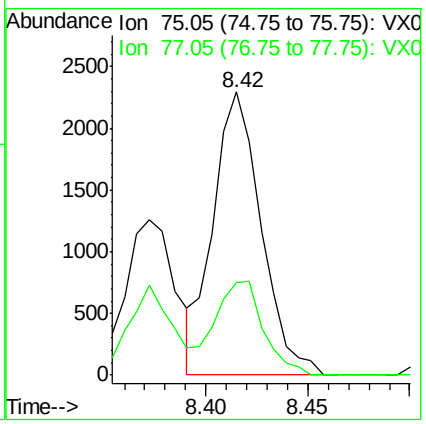
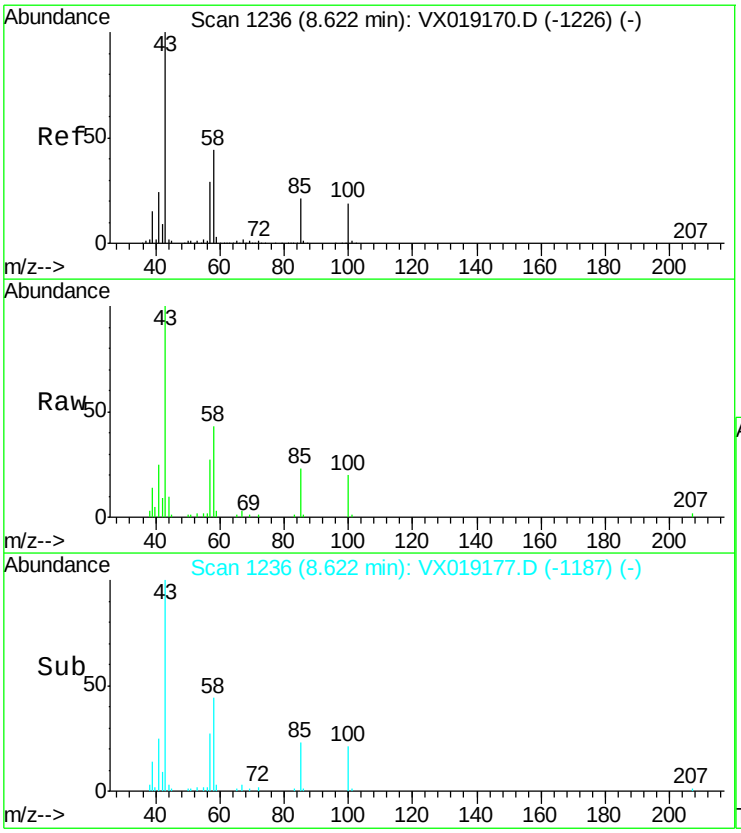
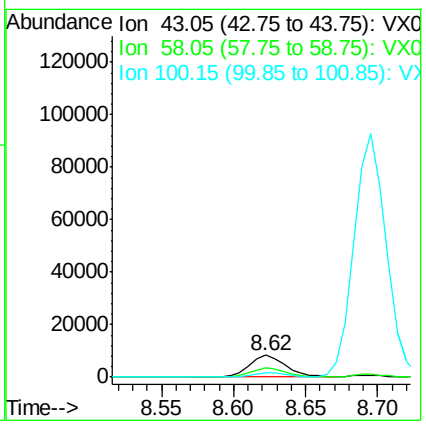


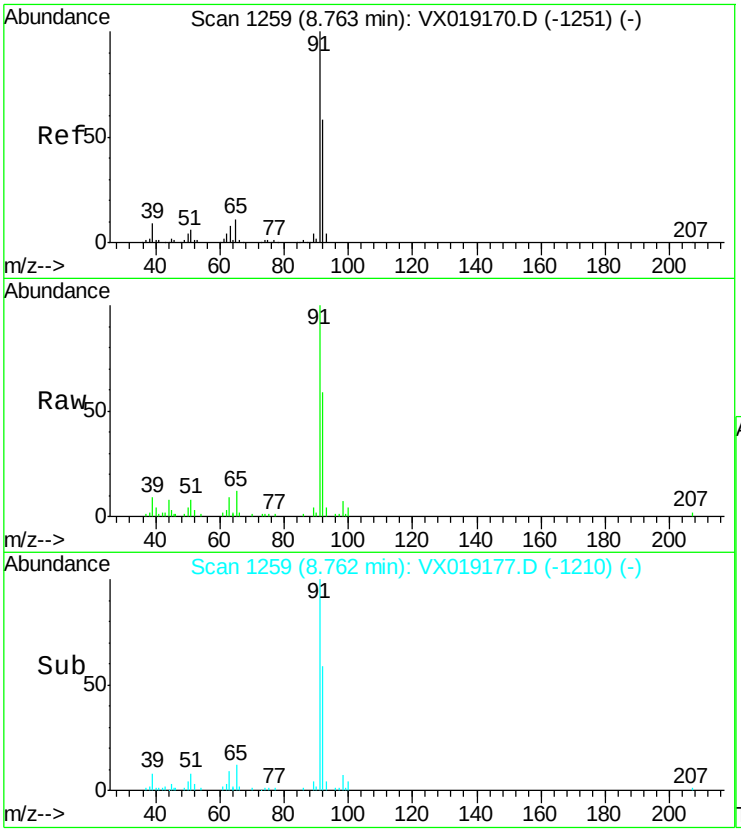


#40
4-Methyl-2-pentanone
Concen: 2.254 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 43 Resp: 14072

Ion	Ratio	Lower	Upper
43	100		
58	42.5	34.1	51.1
100	0.0	15.0	22.4#

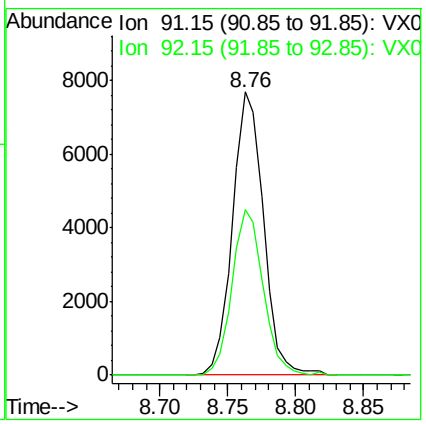




#42
Toluene
Concen: 0.228 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 91 Resp: 12232

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.7	75.7



Instrument :
MSVOA_X
ClientSampleId :
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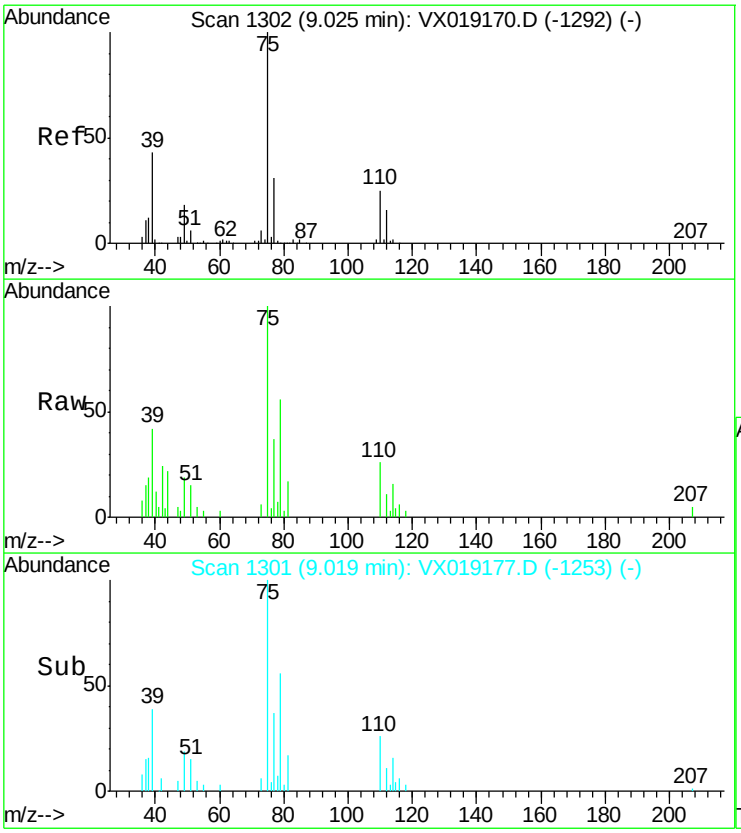
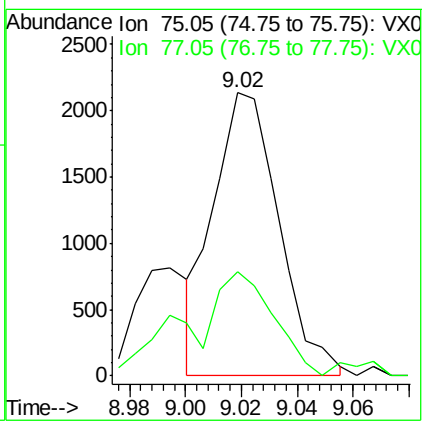
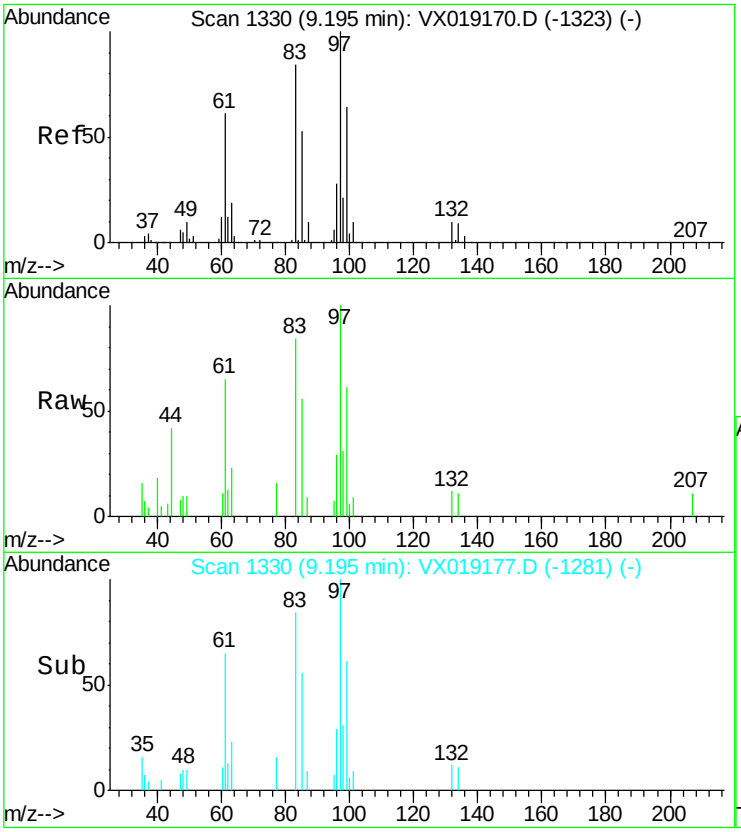


#44
trans-1,3-Dichloropropene
Concen: 0.231 ug/L m
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 75 Resp: 3480

Ion	Ratio	Lower	Upper
75	100		
77	37.0	21.7	40.3

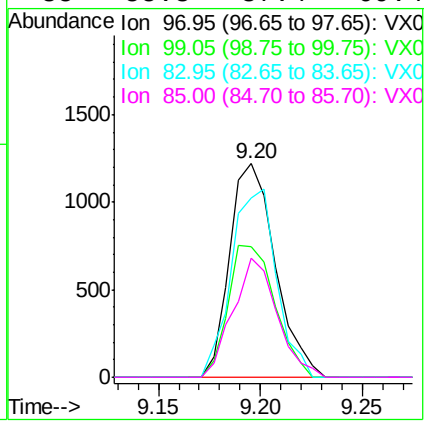




#45
1,1,2-Trichloroethane
Concen: 0.221 ug/L
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 97 Resp: 1889

Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.8	83.2
83	83.9	59.1	109.7
85	55.8	37.4	69.4



Instrument :
MSVOA_X
ClientSampleId :
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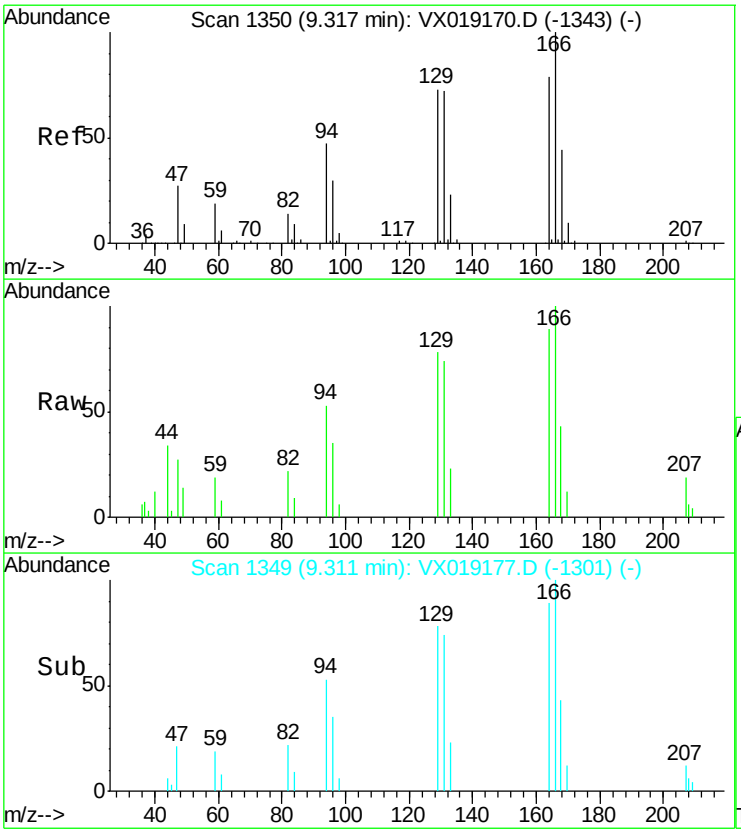
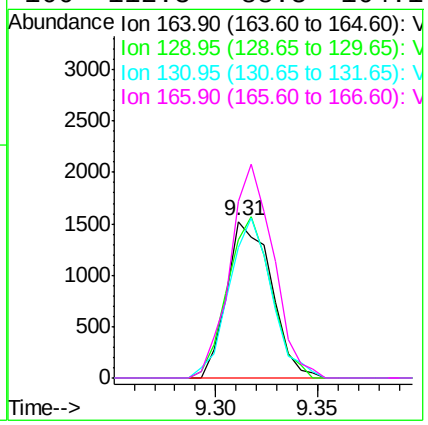
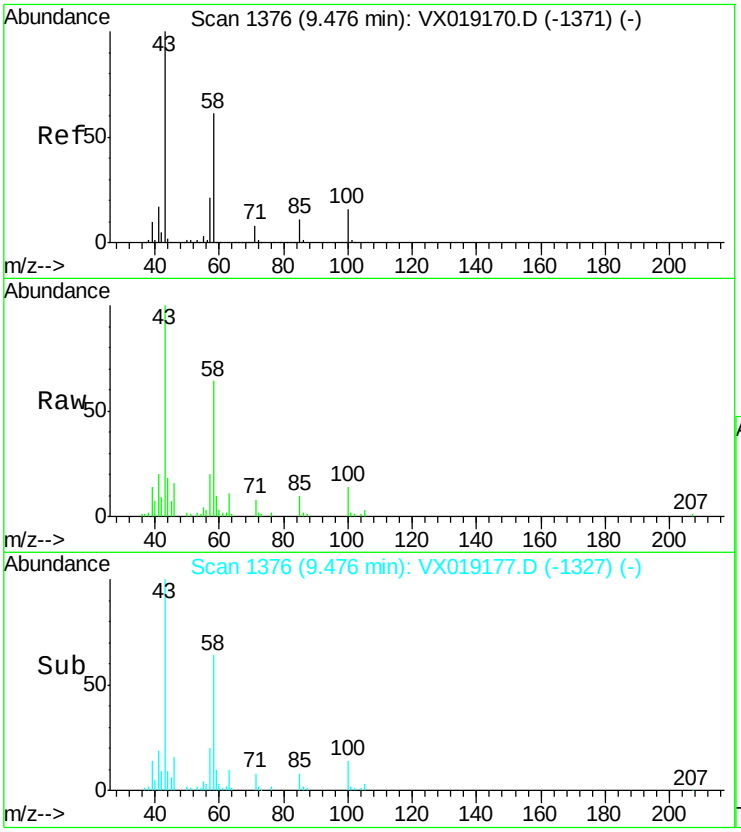


#47
Tetrachloroethene
Concen: 0.223 ug/L
RT: 9.31 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:164 Resp: 2310

Ion	Ratio	Lower	Upper
164	100		
129	88.0	64.2	119.2
131	83.0	63.8	118.4
166	112.3	88.3	164.1

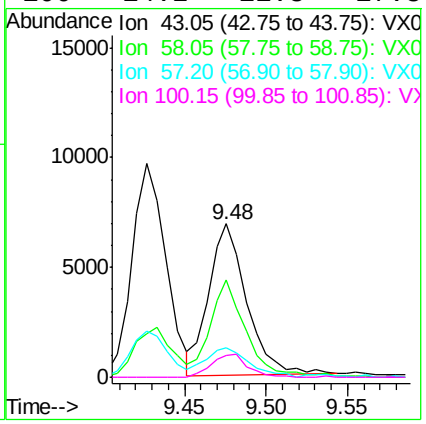




#48
2-Hexanone
Concen: 2.584 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 43 Resp: 11282

Ion	Ratio	Lower	Upper
43	100		
58	61.3	49.3	73.9
57	22.6	17.2	25.8
100	14.2	11.8	17.8



Instrument :
MSVOA_X
ClientSampleId :
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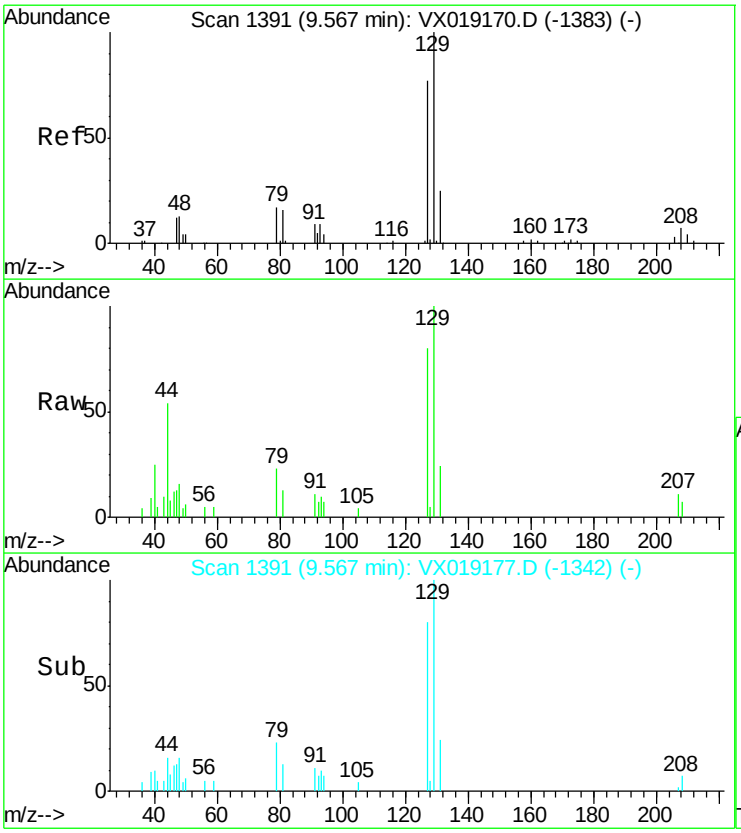
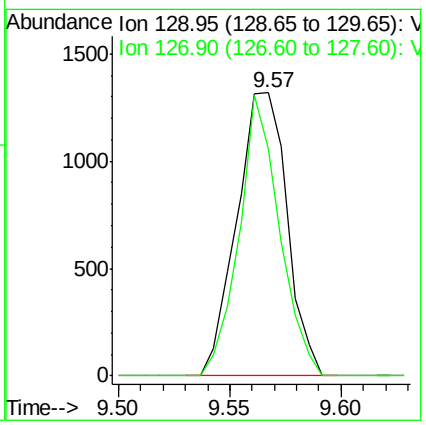
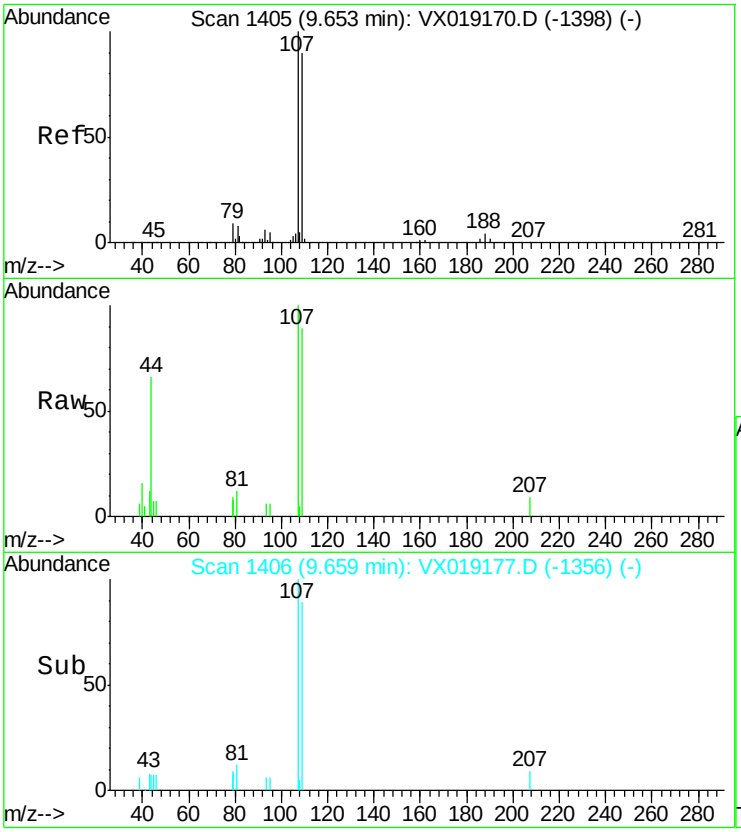


#49
Dibromochloromethane
Concen: 0.210 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:129 Resp: 2071

Ion	Ratio	Lower	Upper
129	100		
127	80.4	53.6	99.6

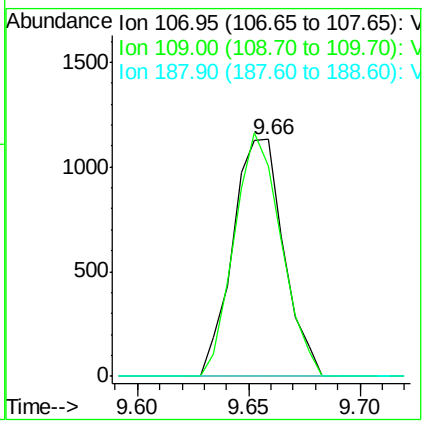




#50
1,2-Dibromoethane
Concen: 0.228 ug/L
RT: 9.66 min Scan# 1406
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:107 Resp: 1806

Ion	Ratio	Lower	Upper
107	100		
109	88.7	62.9	116.9
188	0.0	3.0	4.4#



Instrument :
MSVOA_X
ClientSampleId :
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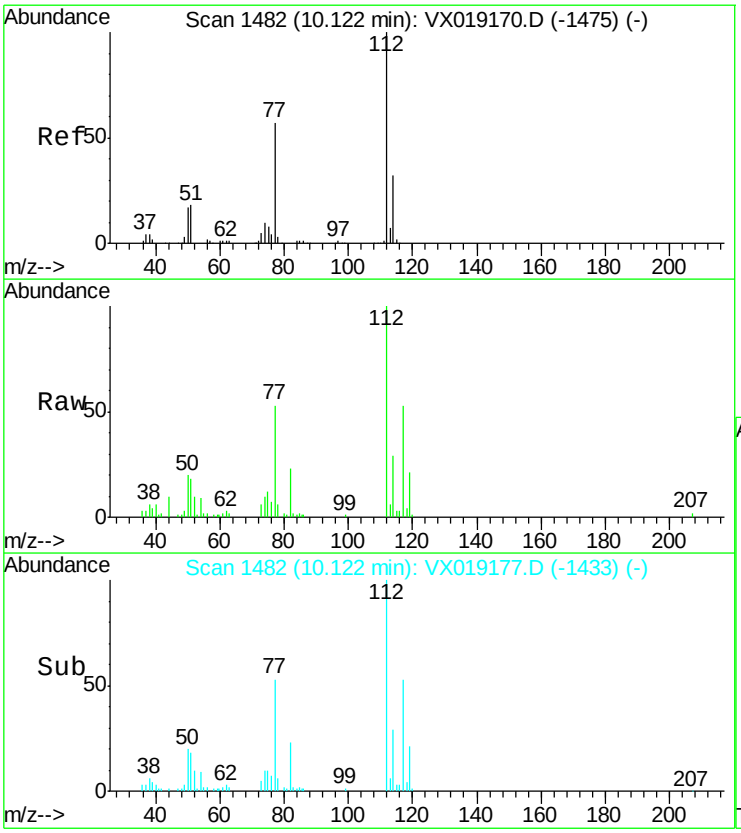
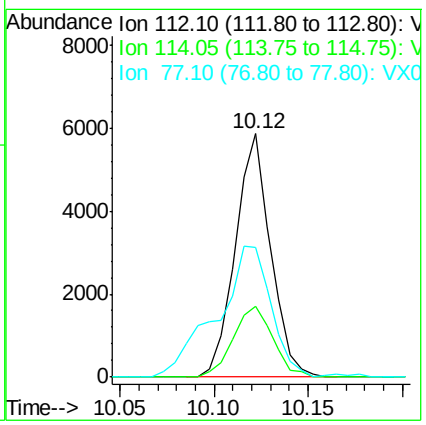
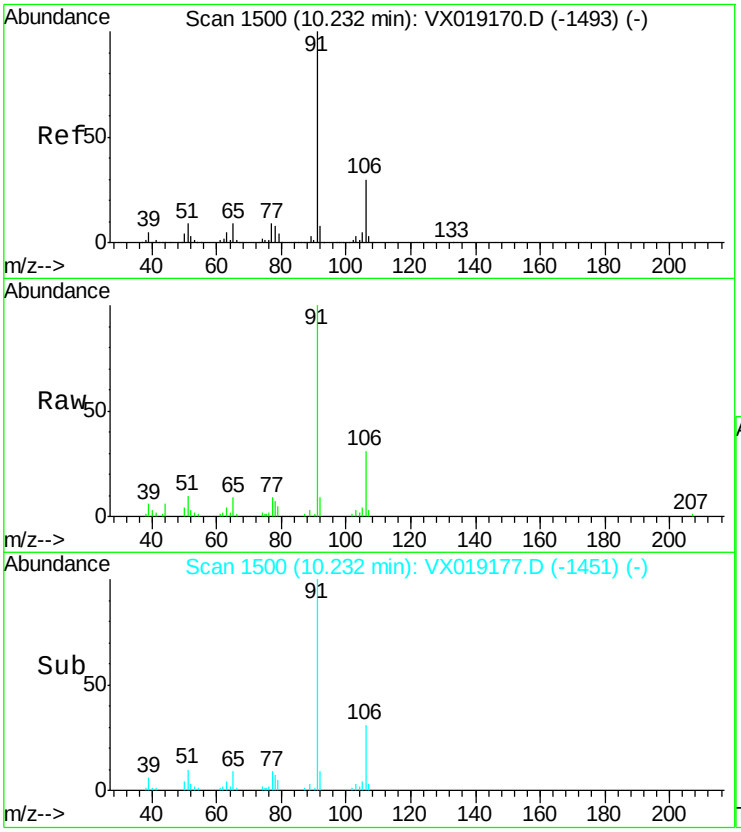


#51
Chlorobenzene
Concen: 0.224 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:112 Resp: 7589

Ion	Ratio	Lower	Upper
112	100		
114	29.2	22.5	41.9
77	53.1	46.2	69.2

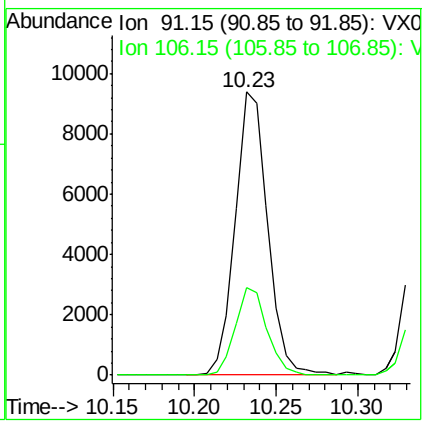




#52
Ethylbenzene
Concen: 0.217 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 91 Resp: 13033

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
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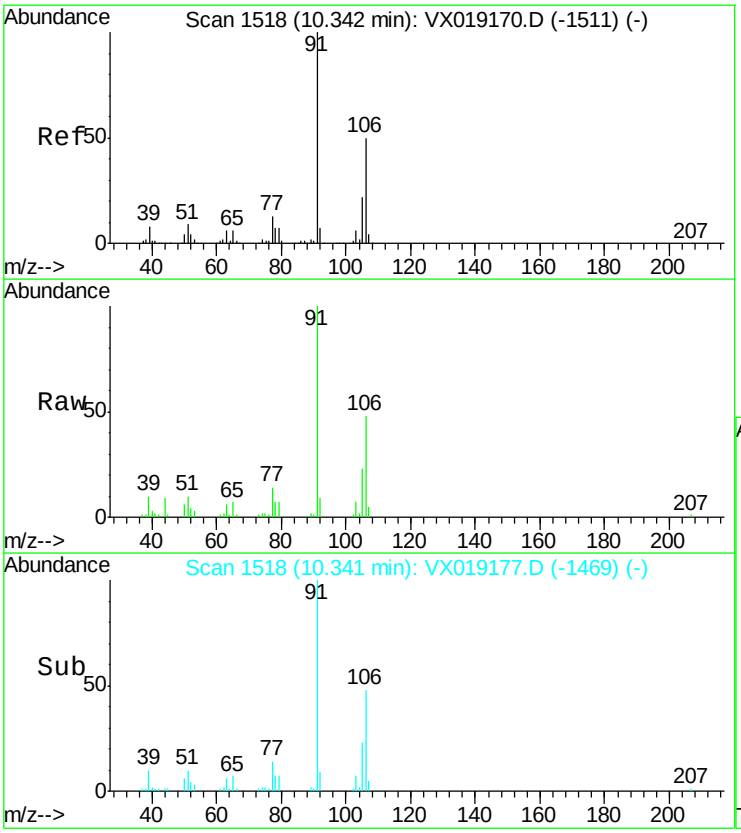
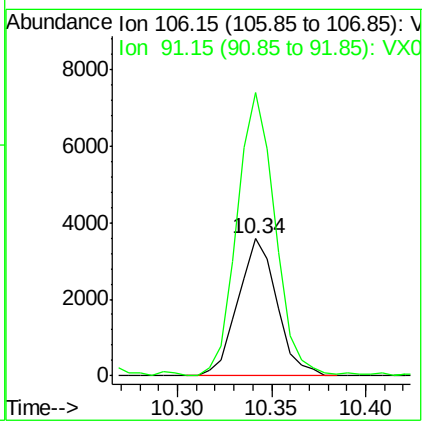
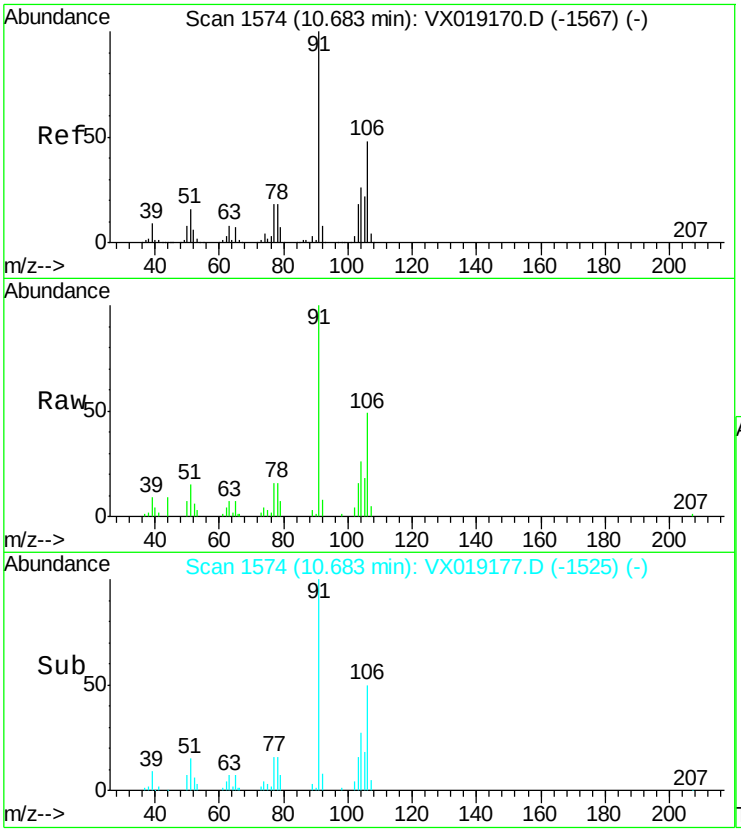


#53
m,p-xylene
Concen: 0.223 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:106 Resp: 5120

Ion	Ratio	Lower	Upper
106	100		
91	206.8	141.5	262.7

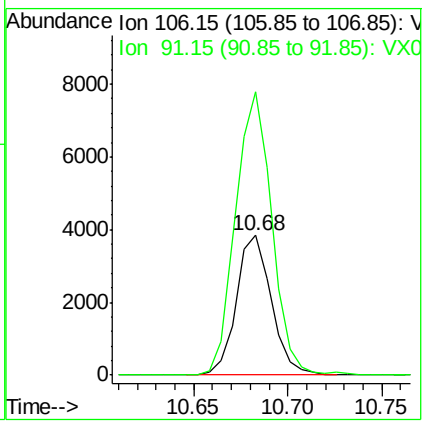




#54
o-xylene
Concen: 0.223 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:106 Resp: 4910

Ion	Ratio	Lower	Upper
106	100		
91	202.8	145.9	271.1



Instrument :
MSVOA_X
ClientSampleId :
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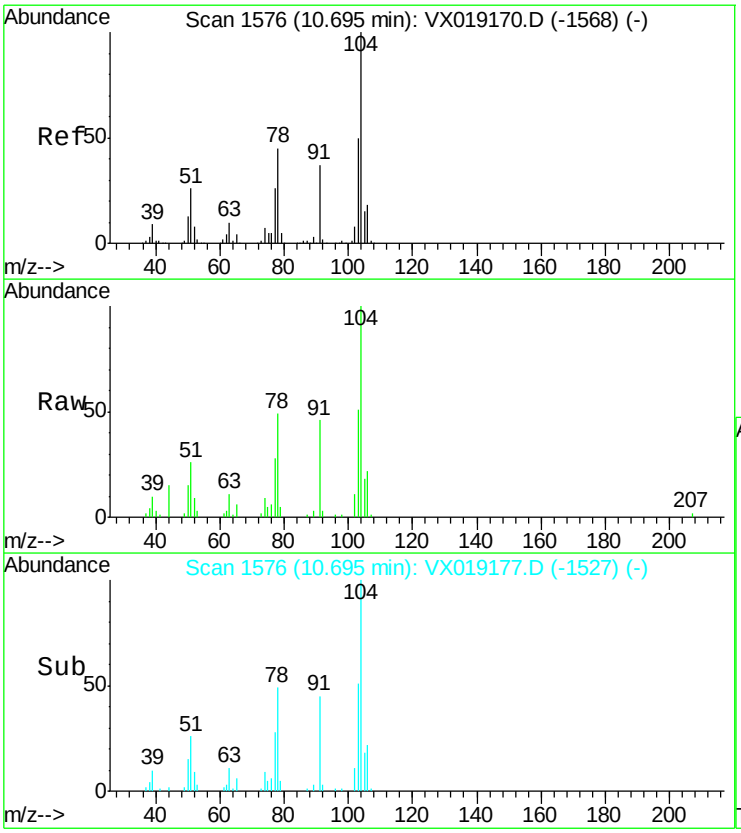
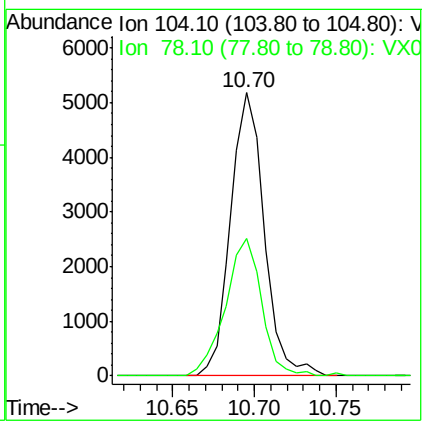
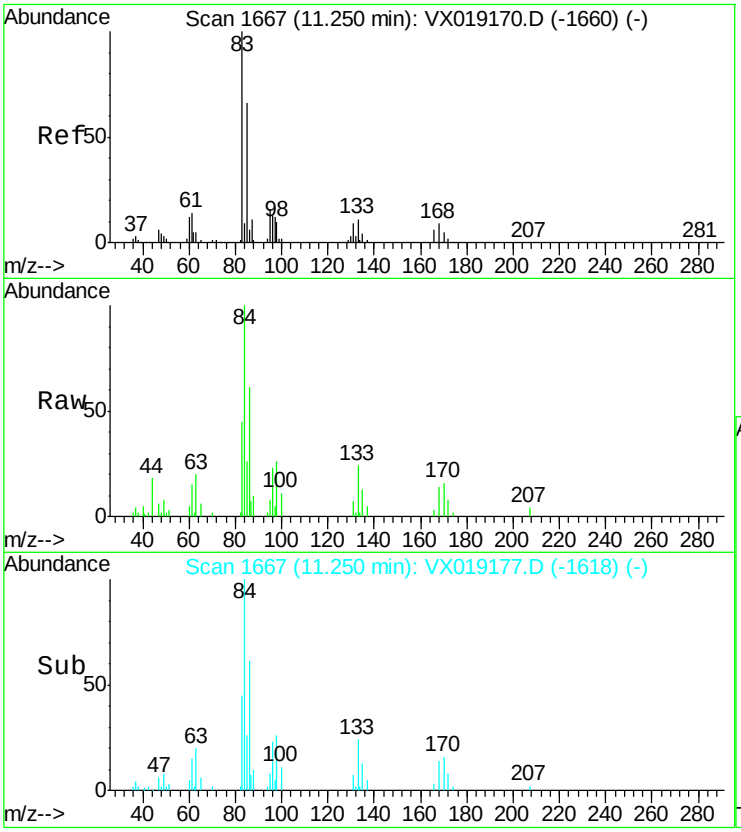


#55
Styrene
Concen: 0.207 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:104 Resp: 7462

Ion	Ratio	Lower	Upper
104	100		
78	48.7	31.7	58.9





#57
1,1,2,2-Tetrachloroethane
Concen: 0.250 ug/L
RT: 11.25 min Scan# 1667
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 83 Resp: 2426

Ion	Ratio	Lower	Upper
83	100		
85	58.3	46.0	85.4
131	14.6	7.7	11.5#

Instrument :
MSVOA_X
ClientSampleId :
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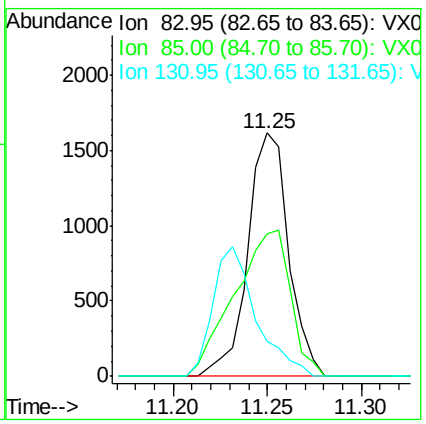
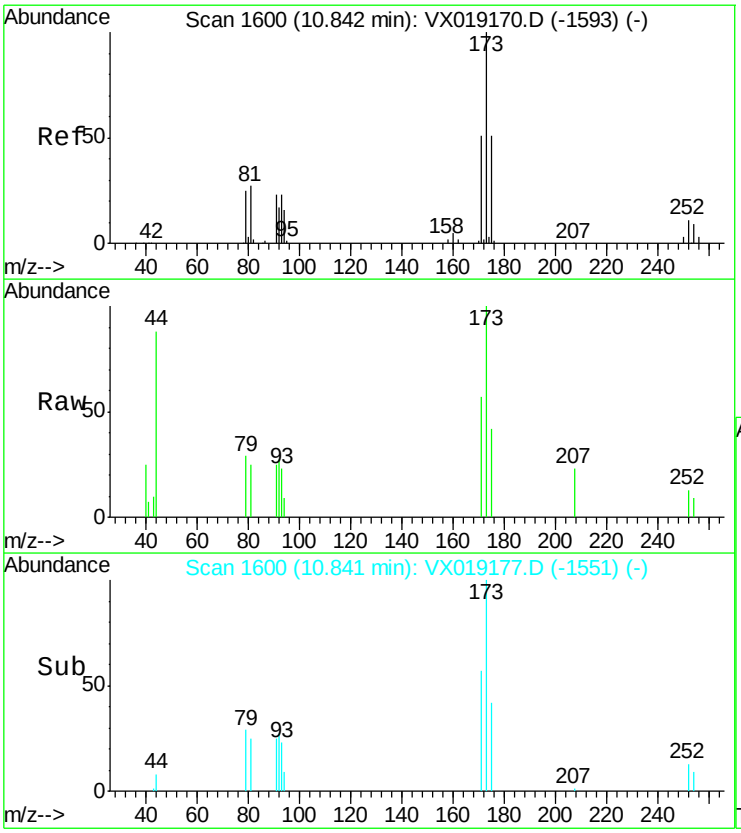
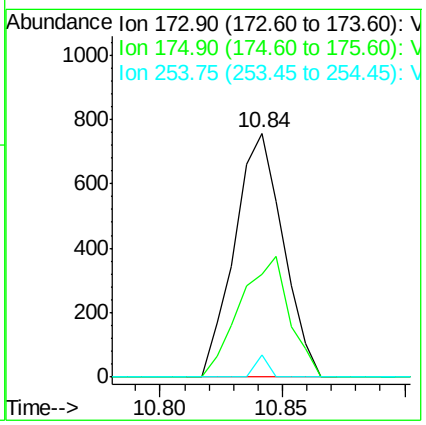


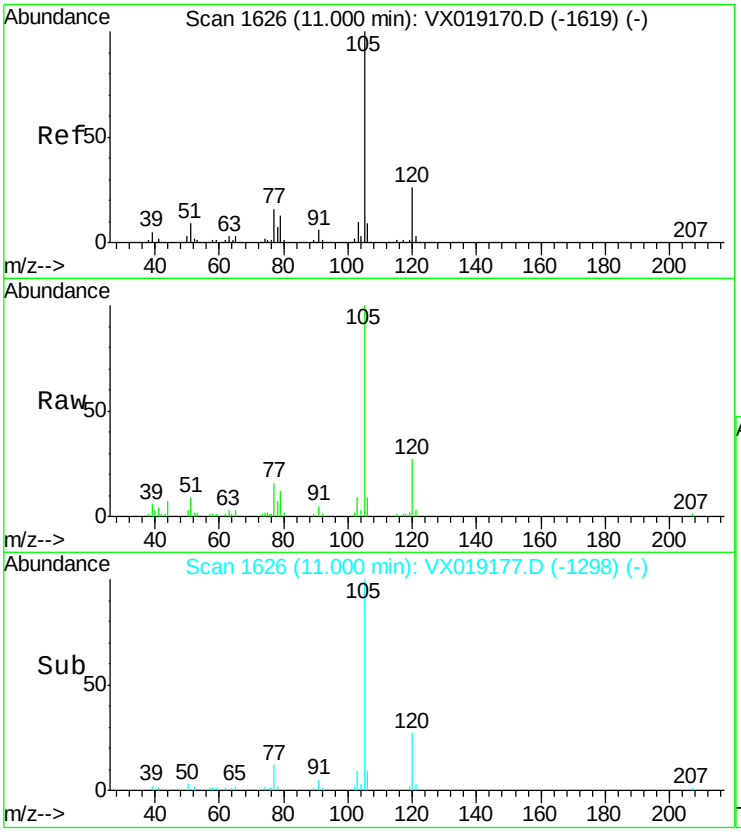


#59
Bromoform
Concen: 0.209 ug/L
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:173 Resp: 1047

Ion	Ratio	Lower	Upper
173	100		
175	50.5	38.6	57.8
254	2.5	7.4	11.0#

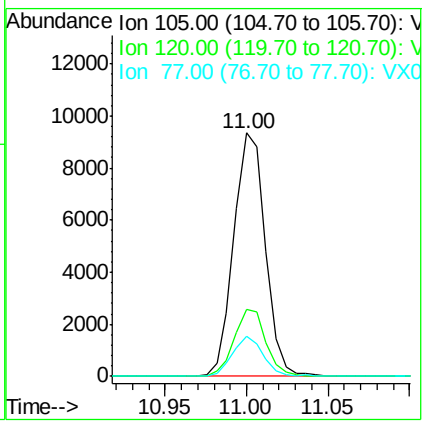




#60
Isopropylbenzene
Concen: 0.225 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:105 Resp: 12608

Ion	Ratio	Lower	Upper
105	100		
120	27.8	21.4	32.2
77	16.1	12.9	19.3



Instrument :
MSVOA_X
ClientSampleId :
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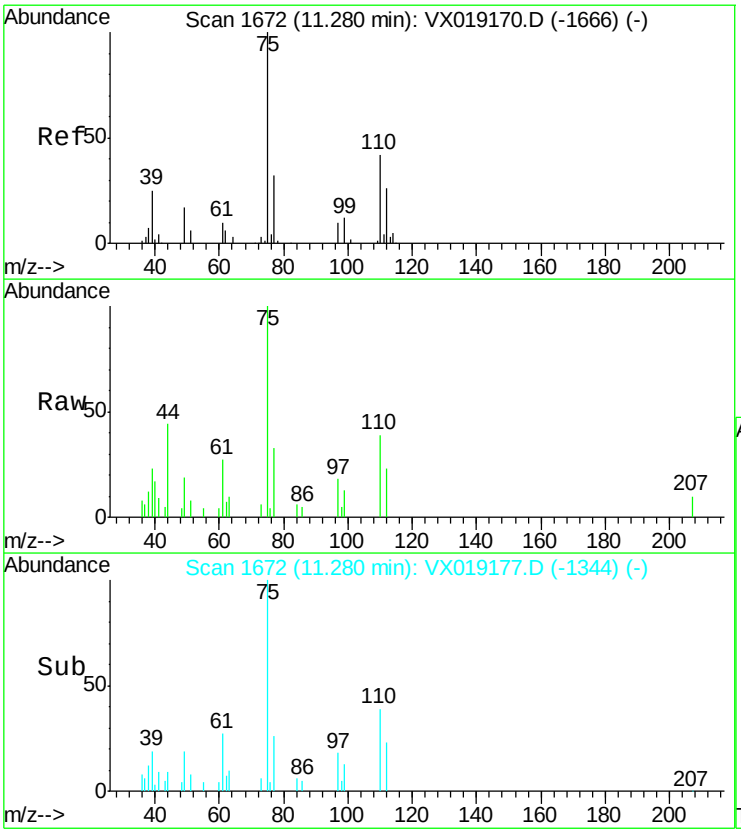
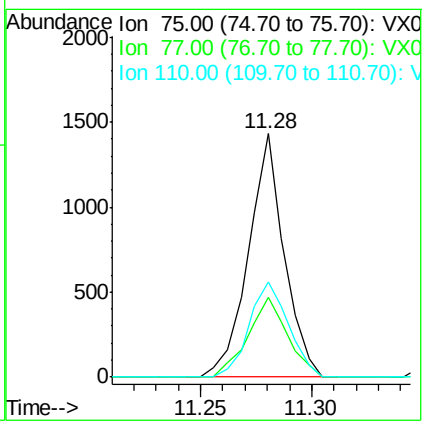
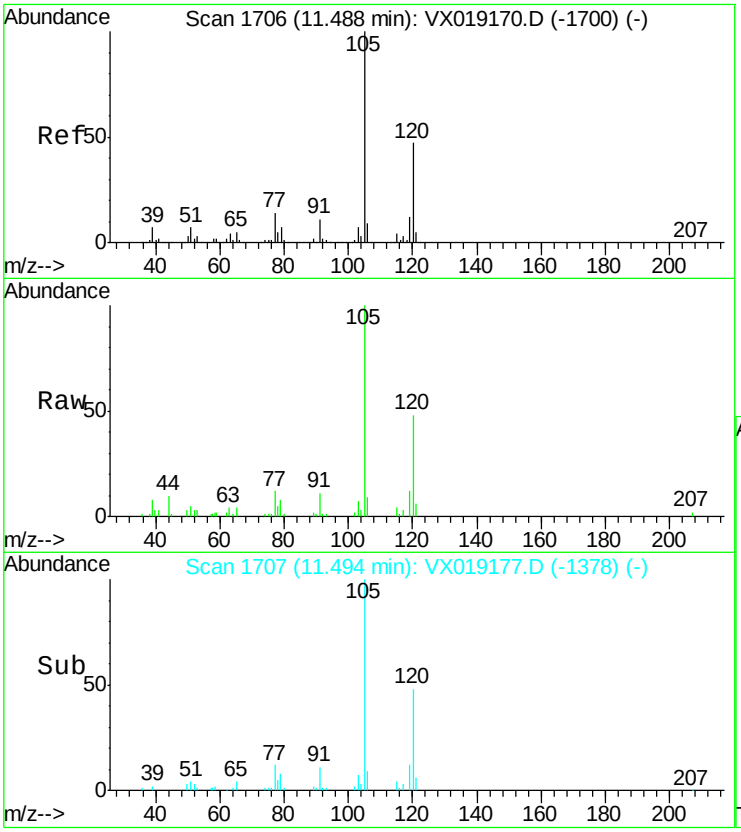


#61
1,2,3-Trichloropropane
Concen: 0.235 ug/L
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 75 Resp: 1603

Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.6	38.4
110	42.9	32.4	48.6

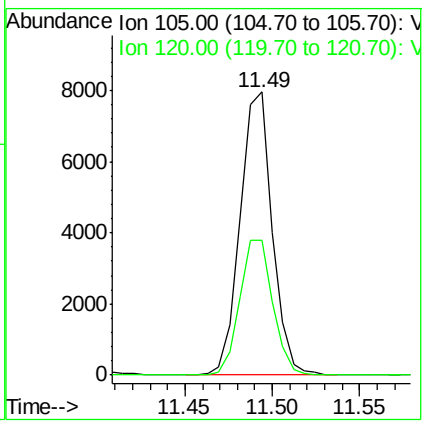




#62
1,3,5-Trimethylbenzene
Concen: 0.216 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:105 Resp: 10133

Ion	Ratio	Lower	Upper
105	100		
120	49.4	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
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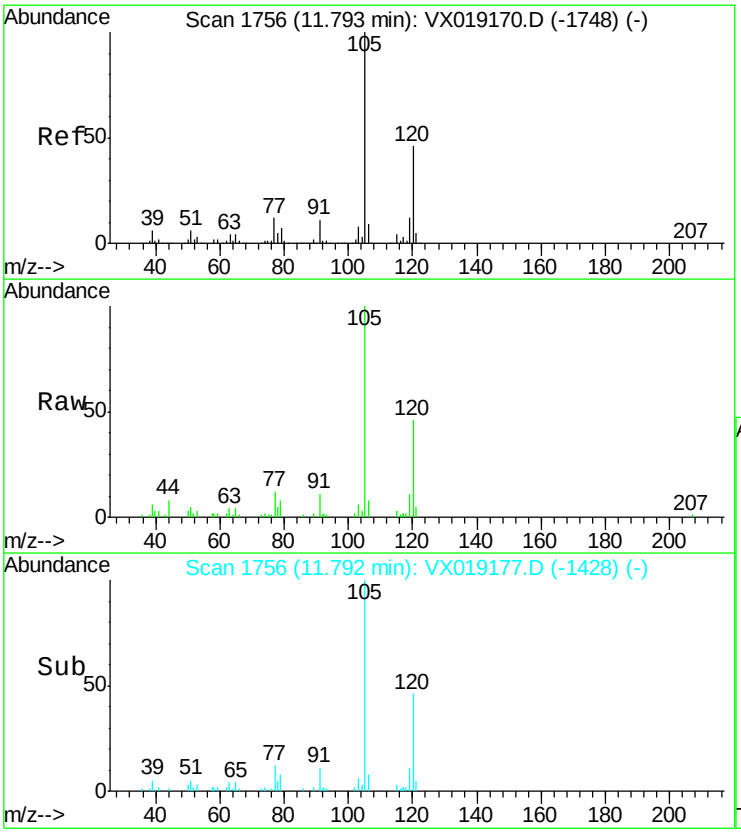
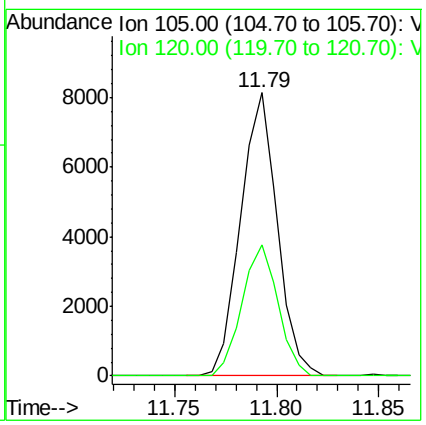
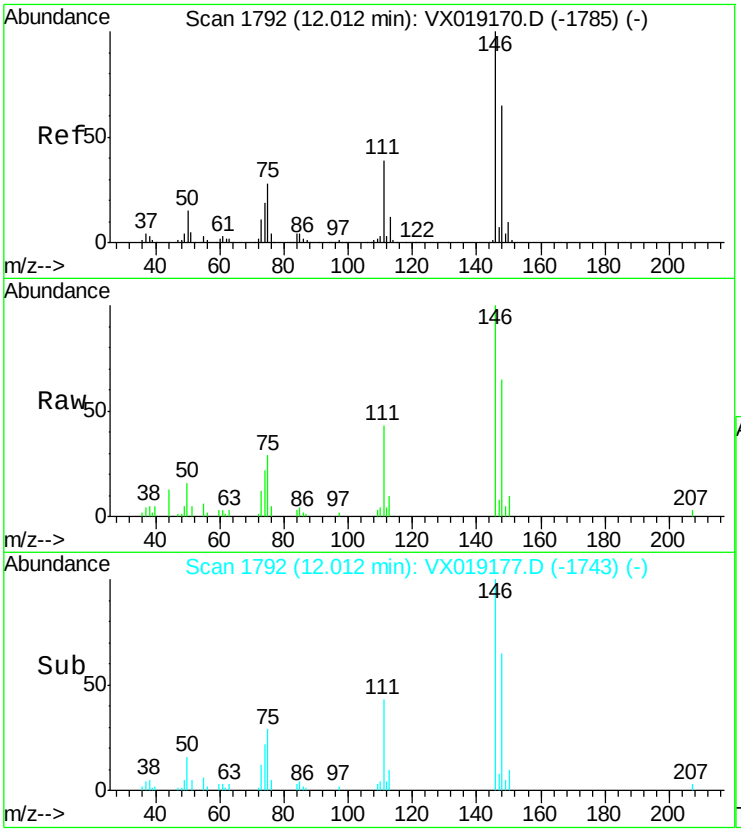


#63
1,2,4-Trimethylbenzene
Concen: 0.214 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:105 Resp: 10147

Ion	Ratio	Lower	Upper
105	100		
120	45.6	36.1	54.1

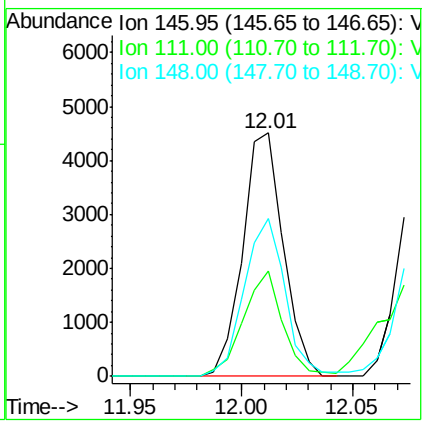




#64
1,3-Dichlorobenzene
Concen: 0.231 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:146 Resp: 5735

Ion	Ratio	Lower	Upper
146	100		
111	43.1	27.3	50.7
148	64.6	45.4	84.2



Instrument :
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ClientSampleId :
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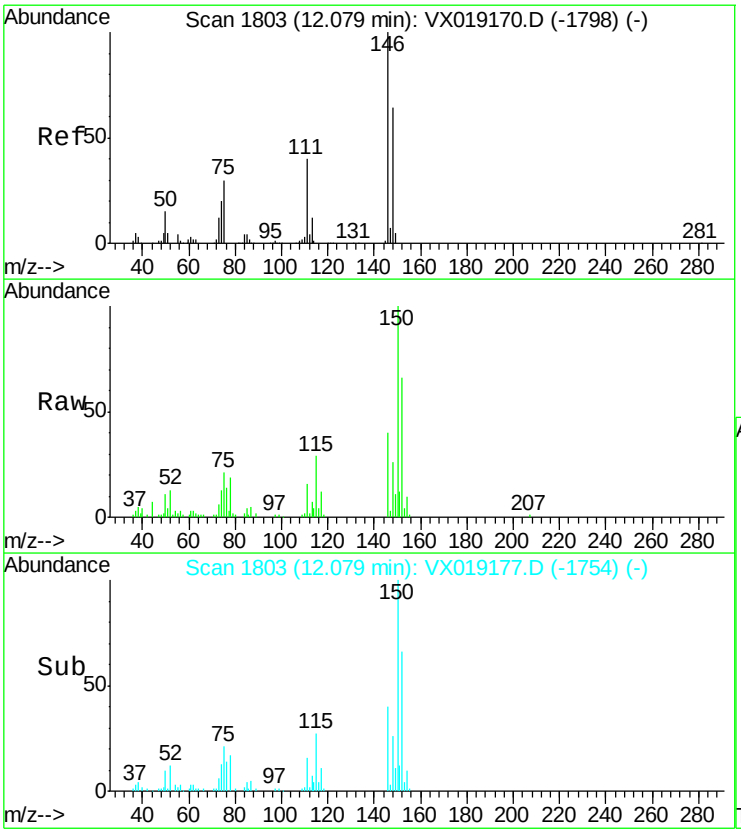
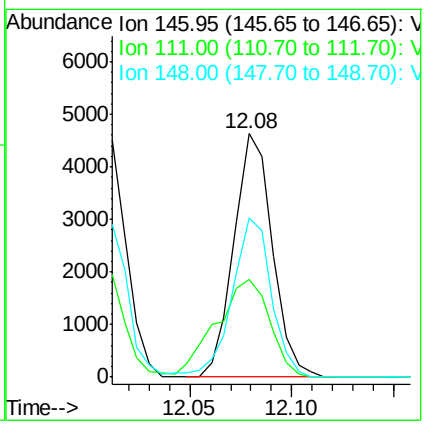
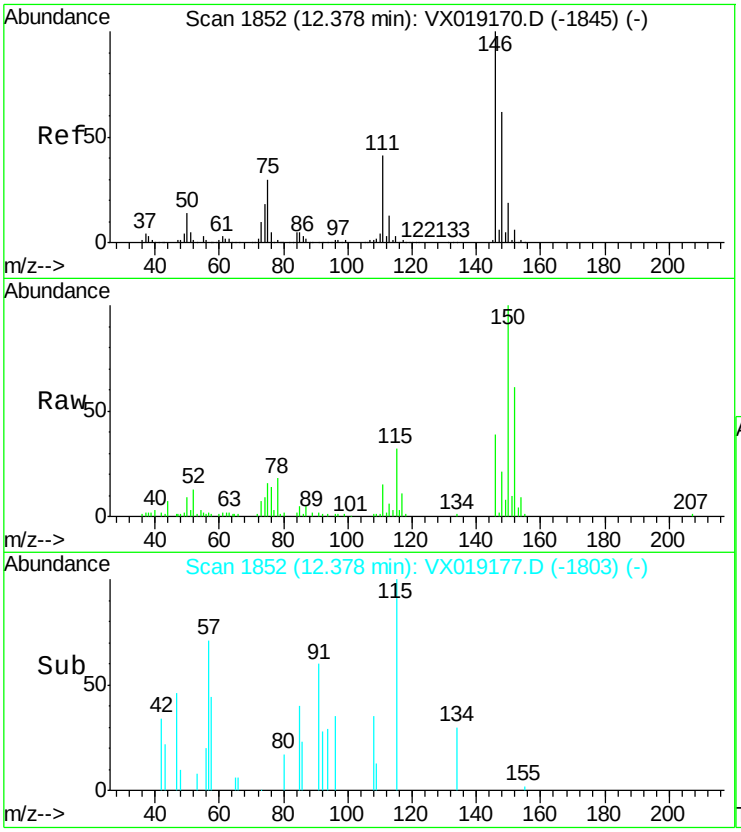


#65
1,4-Dichlorobenzene
Concen: 0.244 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:146 Resp: 6064

Ion	Ratio	Lower	Upper
146	100		
111	40.4	28.1	52.3
148	65.6	44.5	82.7





#67
1,2-Dichlorobenzene
Concen: 0.241 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:146 Resp: 5498

Ion	Ratio	Lower	Upper
146	100		
111	37.6	32.6	49.0
148	54.5	49.4	74.2

Instrument :
MSVOA_X
ClientSampleId :
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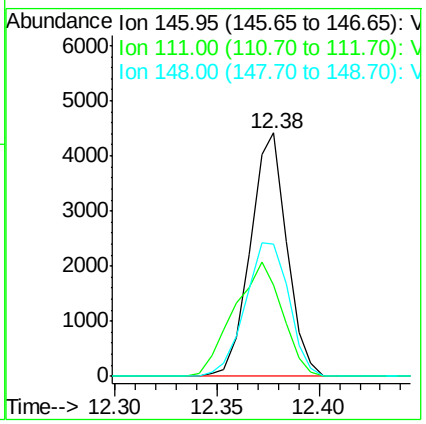
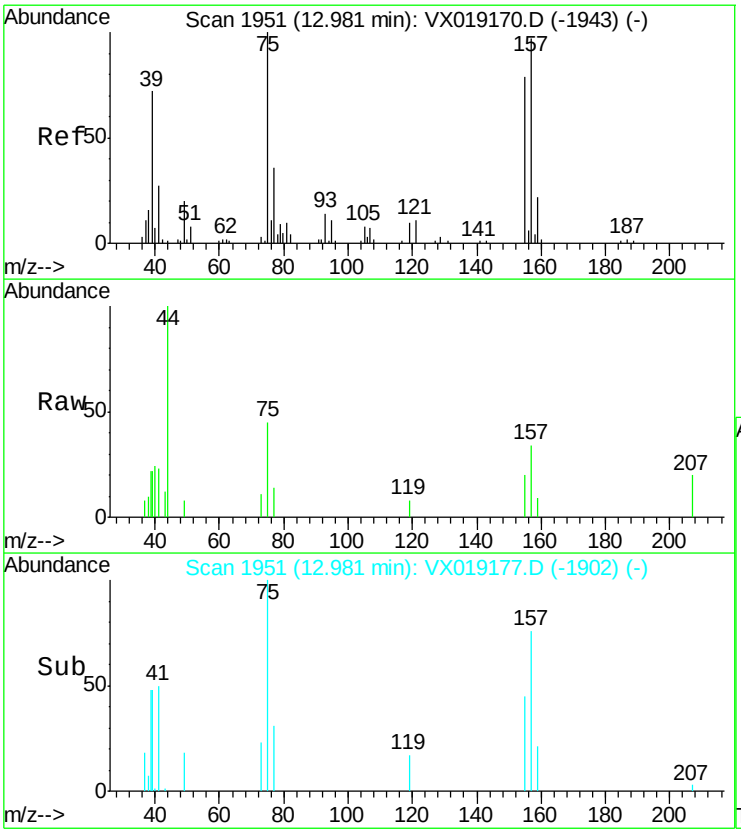
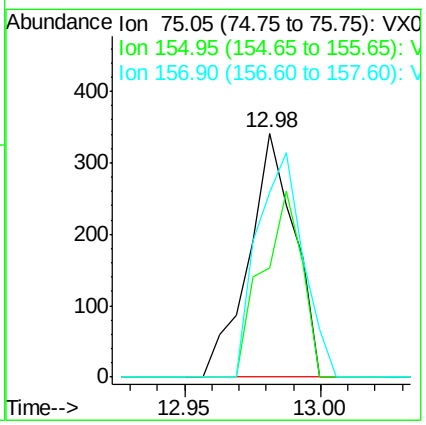


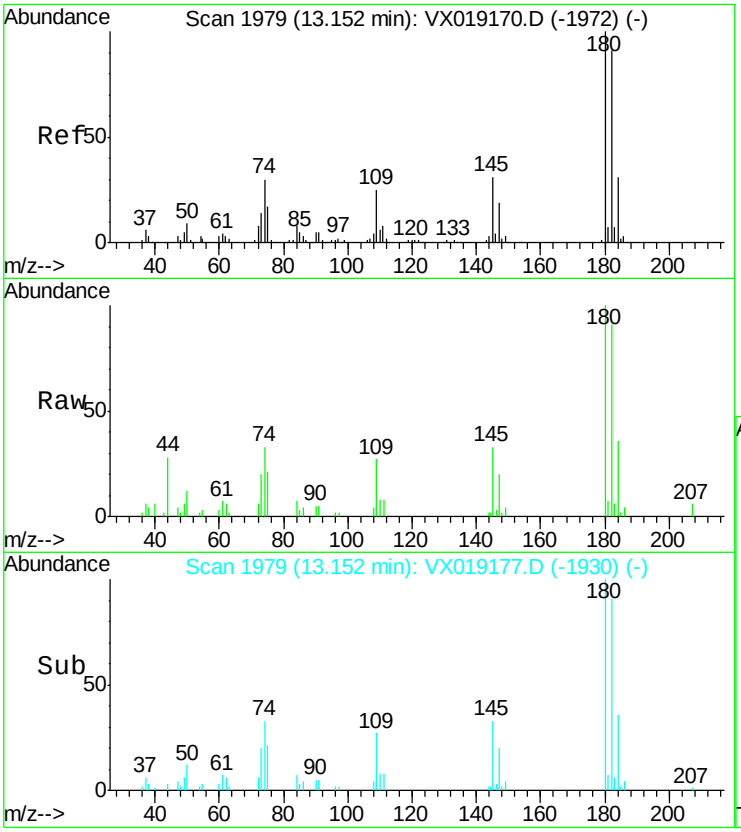


#68
1,2-Dibromo-3-chloropropane
Concen: 0.254 ug/L
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion: 75 Resp: 397

Ion	Ratio	Lower	Upper
75	100		
155	44.9	62.9	94.3#
157	75.7	77.5	116.3#

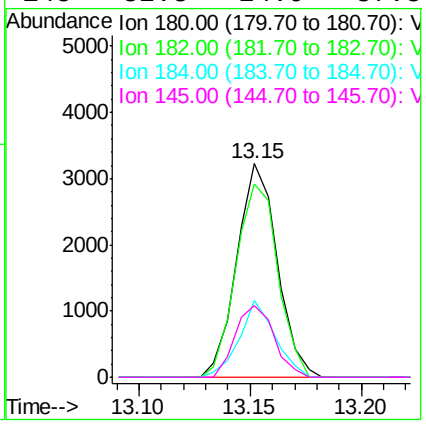




#69
1,3,5-Trichlorobenzene
Concen: 0.224 ug/L
RT: 13.15 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:180 Resp: 4086

Ion	Ratio	Lower	Upper
180	100		
182	93.7	74.1	111.1
184	31.8	24.4	36.6
145	32.3	24.9	37.3



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-02

Manual Integrations APPROVED
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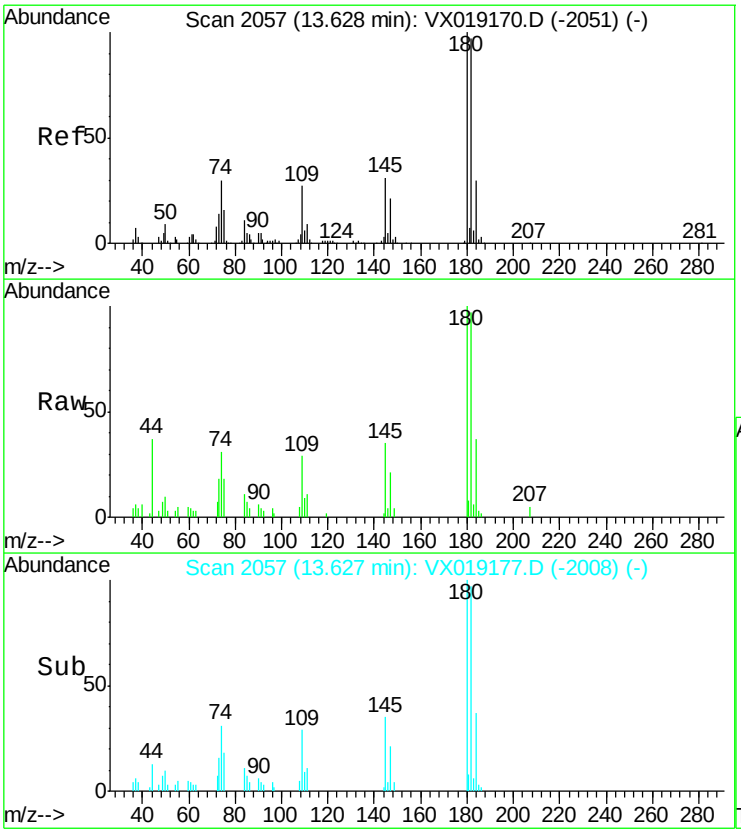
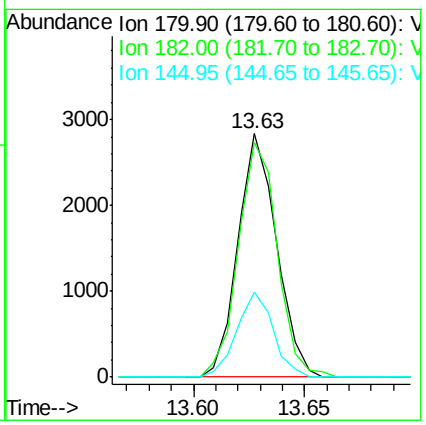
10/29/2020 11:04:32 AM

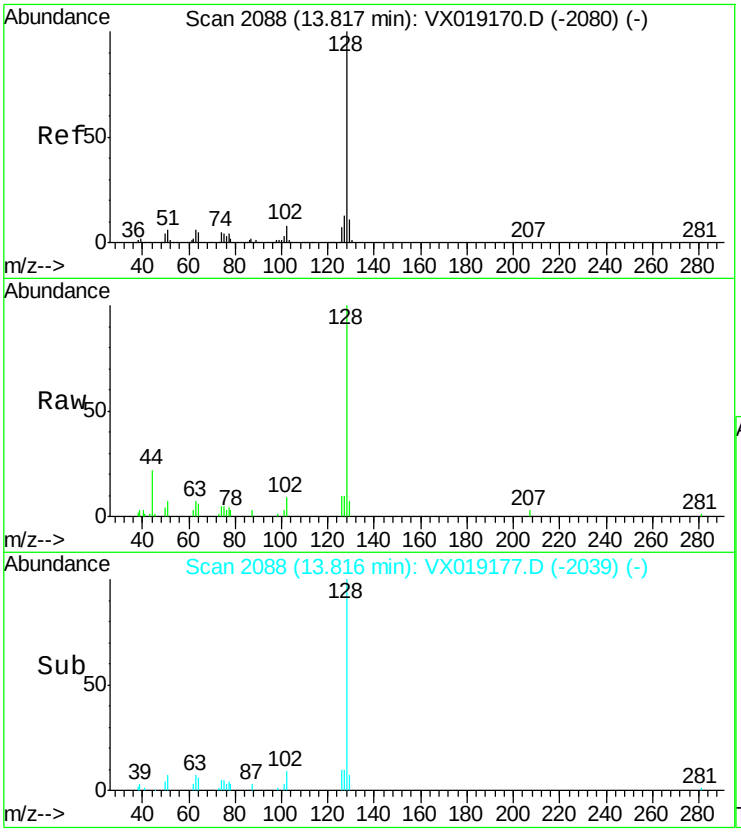


#70
1,2,4-trichlorobenzene
Concen: 0.216 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:180 Resp: 3435

Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.8	116.6
145	33.0	25.0	37.4

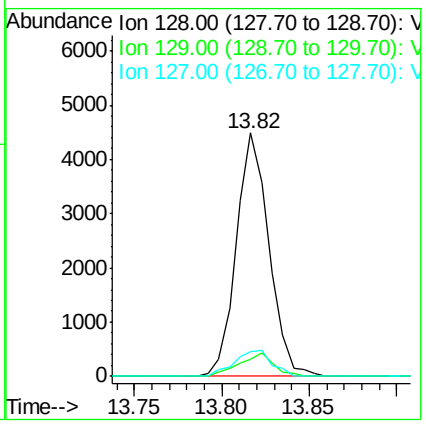




#71
Naphthalene
Concen: 0.204 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

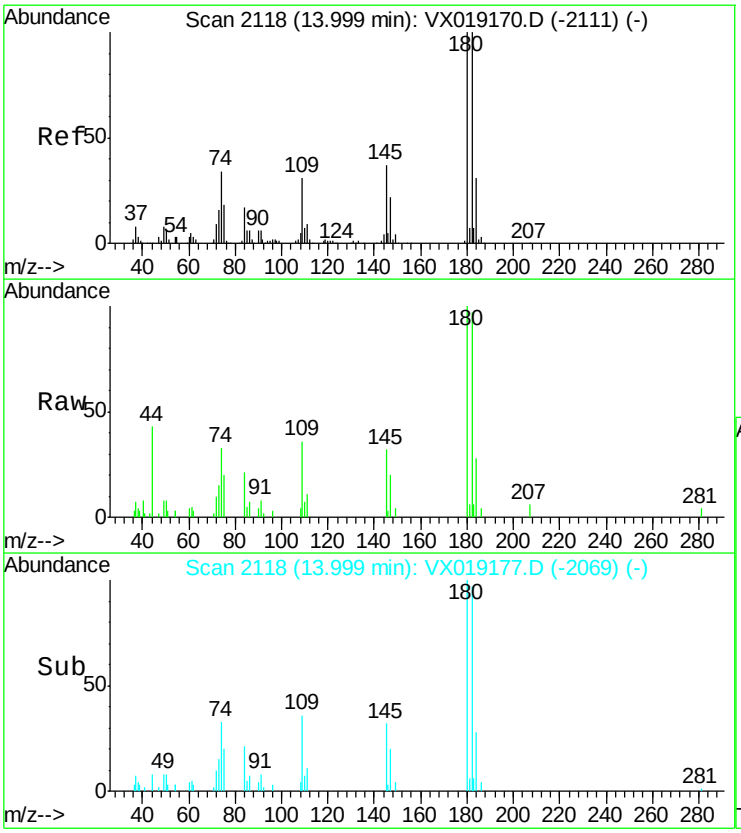
Tgt Ion:128 Resp: 5833

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	13.0
127	12.1	10.1	15.1



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-02

Manual Integrations APPROVED
MMDadoda
10/29/2020 11:04:32 AM



#72
1,2,3-Trichlorobenzene
Concen: 0.220 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019177.D
Acq: 28 Oct 2020 21:15

Tgt Ion:180 Resp: 3089

Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.0	115.4
145	33.0	27.8	41.6