Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV123020\
Data File : VV019874.D
Acq On : 30 Dec 2020 12:29
Operator : SY/MD
Sample : L4485-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
MMDadoda
1/4/2021 12:17:26 PM

Quant Time: Jan 04 10:07:42 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 31 02:03:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	281012	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	261125	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	123221	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	88914	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.57	69	77628	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.10	63	142764	3.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.20%			
20) 2-Butanone-d5	3.94	46	191935	44.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.98%			
24) Chloroform-d	4.35	84	159693	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	5.04	65	85714	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.05	84	324606	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.07	67	99401	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.32	98	279623	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	7.63	79	31712	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
46) 2-Hexanone-d5	8.10	63	118092	39.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.28%			
56) 1,1,2,2-Tetrachloroethane-	10.23	84	54584	4.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.20%			
66) 1,2-Dichlorobenzene-d4	11.63	152	88947	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	6137	0.228	ug/L	97
3) Chloromethane	1.24	50	7010	0.236	ug/L	96
5) Vinyl chloride	1.31	62	7094	0.243	ug/L #	76
6) Bromomethane	1.52	94	4354	0.255	ug/L	91
8) Chloroethane	1.58	64	4035	0.226	ug/L	97
9) Trichlorofluoromethane	1.75	101	7794	0.220	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	5616	0.295	ug/L #	86
12) 1,1-Dichloroethene	2.12	96	5439	0.279	ug/L #	1
13) Acetone	2.23	43	8820m	2.757	ug/L	
14) Carbon disulfide	2.29	76	14747	0.219	ug/L #	94
15) Methyl Acetate	2.46	43	1519m	0.190	ug/L	
16) Methylene chloride	2.51	84	7421	0.313	ug/L	99
17) Methyl tert-butyl Ether	2.78	73	9510	0.195	ug/L	98
18) trans-1,2-Dichloroethene	2.76	96	4513	0.205	ug/L	97
19) 1,1-Dichloroethane	3.19	63	9083	0.213	ug/L	99
21) 2-Butanone	4.02	43	10795m	2.006	ug/L	
22) cis-1,2-Dichloroethene	3.93	96	4752	0.208	ug/L	87

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Operator : SY/MD
Sample : L4485-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-04

Manual Integrations APPROVED
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1/4/2021 12:17:26 PM

Quant Time: Jan 04 10:07:42 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 31 02:03:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.26	128	1860m	0.204 ug/L		
25) Chloroform	4.39	83	18287	0.432 ug/L		92
27) 1,2-Dichloroethane	5.15	62	5537m	0.215 ug/L		
29) 1,1,1-Trichloroethane	4.61	97	7255	0.204 ug/L		98
30) Cyclohexane	4.68	56	7749	0.216 ug/L		93
31) Carbon tetrachloride	4.83	117	5899	0.203 ug/L		93
33) Benzene	5.11	78	18972	0.217 ug/L		100
34) Trichloroethene	5.92	95	5820	0.249 ug/L		96
35) Methylcyclohexane	6.14	83	7747	0.222 ug/L		98
37) 1,2-Dichloropropane	6.18	63	4174	0.190 ug/L	#	91
38) Bromodichloromethane	6.52	83	5699	0.211 ug/L	#	94
39) cis-1,3-Dichloropropene	7.04	75	5964	0.198 ug/L		96
40) 4-Methyl-2-pentanone	7.24	43	20815	1.681 ug/L	#	87
42) Toluene	7.40	91	17764	0.200 ug/L		100
44) trans-1,3-Dichloropropene	7.66	75	4461m	0.181 ug/L		
45) 1,1,2-Trichloroethane	7.86	97	2570	0.181 ug/L		88
47) Tetrachloroethene	7.98	164	3542	0.223 ug/L		91
48) 2-Hexanone	8.15	43	31737	3.698 ug/L	#	94
49) Dibromochloromethane	8.25	129	2995	0.195 ug/L		100
50) 1,2-Dibromoethane	8.36	107	2577	0.200 ug/L	#	87
51) Chlorobenzene	8.89	112	11326	0.202 ug/L		92
52) Ethylbenzene	9.02	91	20267	0.206 ug/L		96
53) m,p-xylene	9.15	106	6786	0.189 ug/L		98
54) o-xylene	9.55	106	6386	0.185 ug/L		98
55) Styrene	9.57	104	10146	0.174 ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.25	83	3371	0.225 ug/L		100
59) Bromoform	9.74	173	1153	0.172 ug/L	#	90
60) Isopropylbenzene	9.94	105	17950	0.200 ug/L		97
61) 1,2,3-Trichloropropane	10.28	75	2775	0.233 ug/L	#	91
62) 1,3,5-Trimethylbenzene	10.54	105	14406	0.194 ug/L		97
63) 1,2,4-Trimethylbenzene	10.92	105	14471	0.192 ug/L		100
64) 1,3-Dichlorobenzene	11.19	146	7944	0.202 ug/L		92
65) 1,4-Dichlorobenzene	11.28	146	9170	0.232 ug/L		96
67) 1,2-Dichlorobenzene	11.65	146	7830	0.216 ug/L	#	90
68) 1,2-Dibromo-3-chloropropan	12.43	75	436	0.177 ug/L	#	83
69) 1,3,5-Trichlorobenzene	12.65	180	6451	0.221 ug/L		92
70) 1,2,4-trichlorobenzene	13.28	180	4252	0.179 ug/L		95
71) Naphthalene	13.52	128	4927	0.137 ug/L	#	94
72) 1,2,3-Trichlorobenzene	13.76	180	3483	0.172 ug/L		100

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

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ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 04 10:07:42 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 31 02:03:35 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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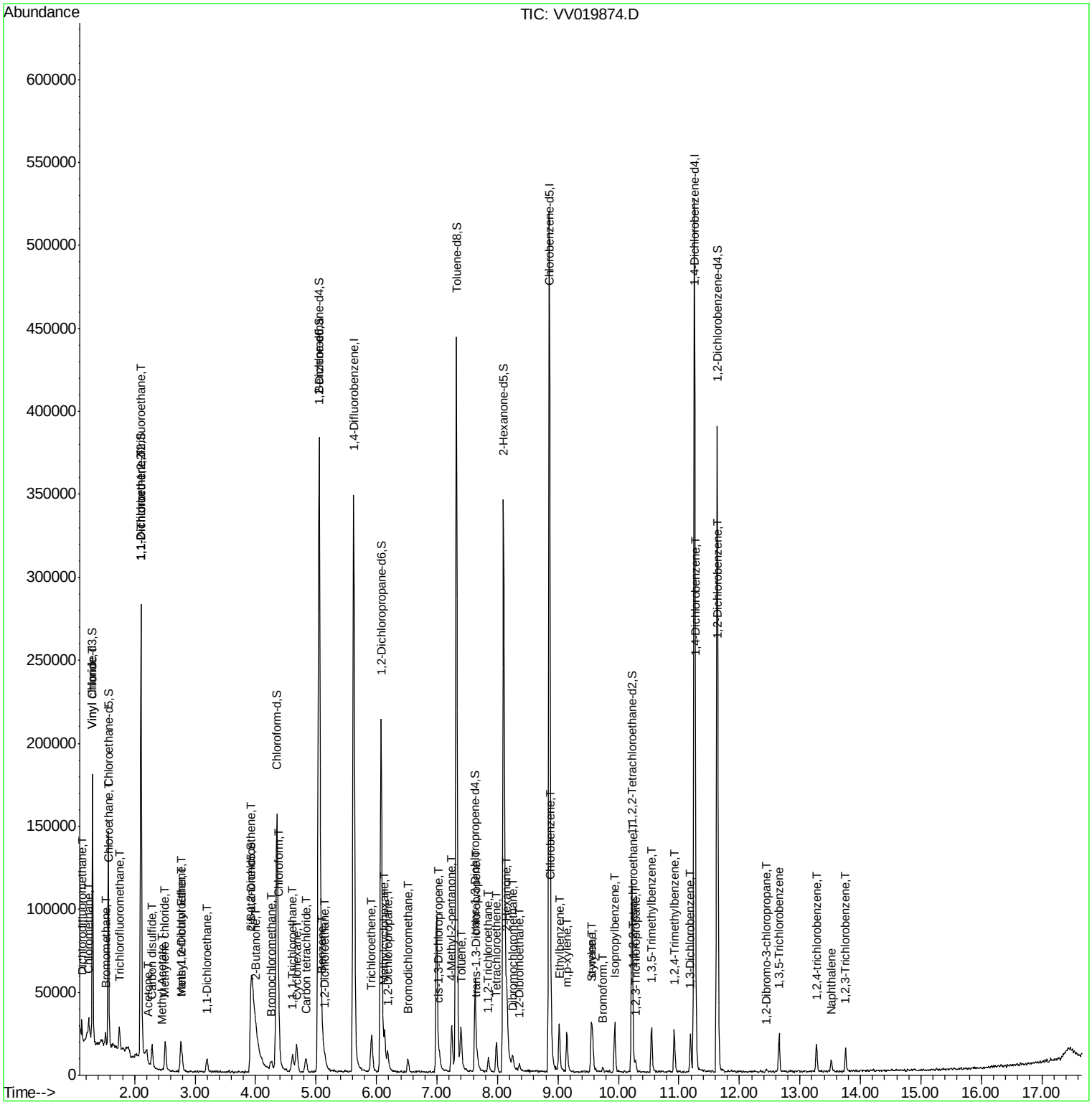
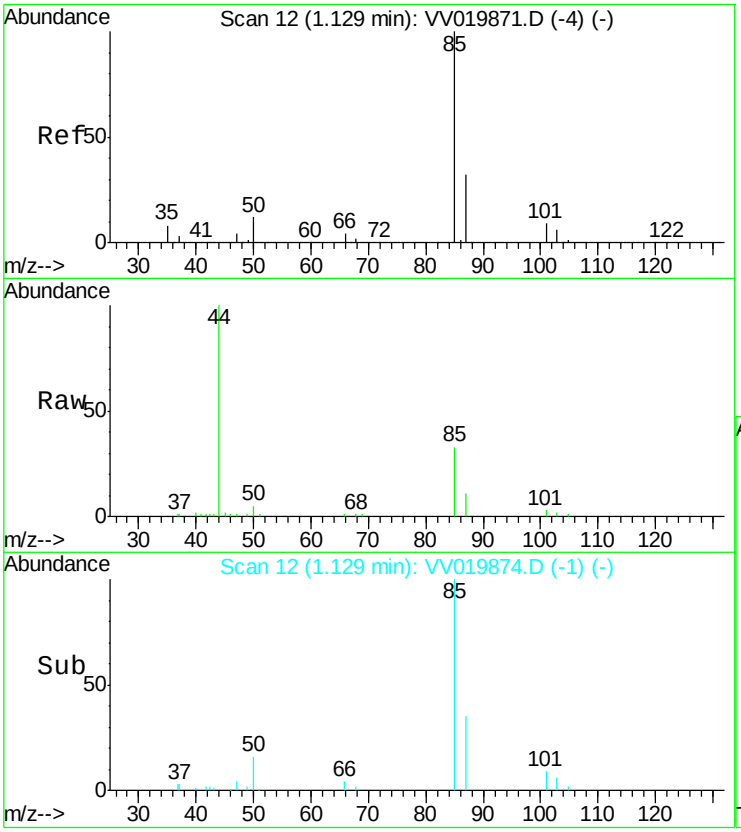
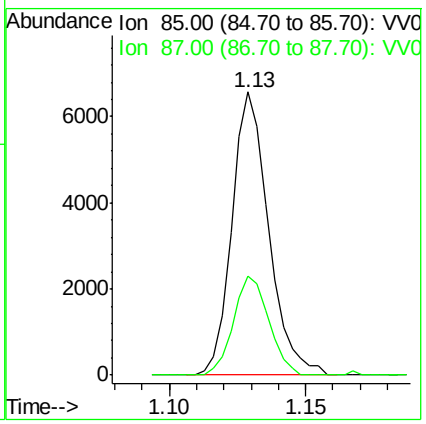




#2
Dichlorodifluoromethane
Concen: 0.228 ug/L
RT: 1.13 min Scan# 12
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 85 Resp: 6137

Ion	Ratio	Lower	Upper
85	100		
87	33.6	25.6	38.4



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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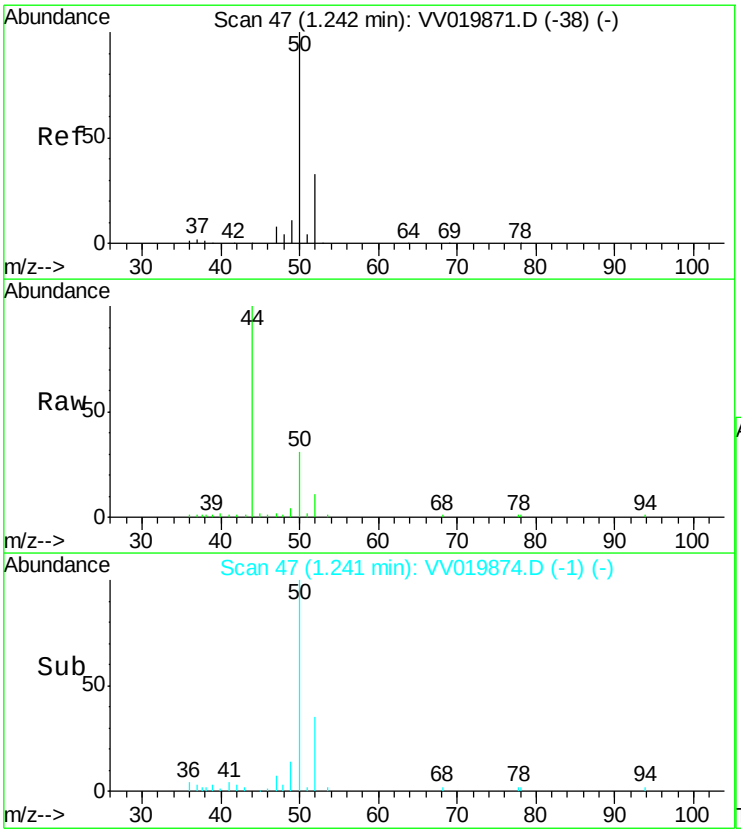
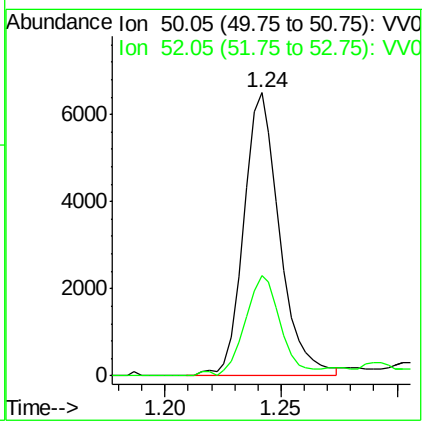
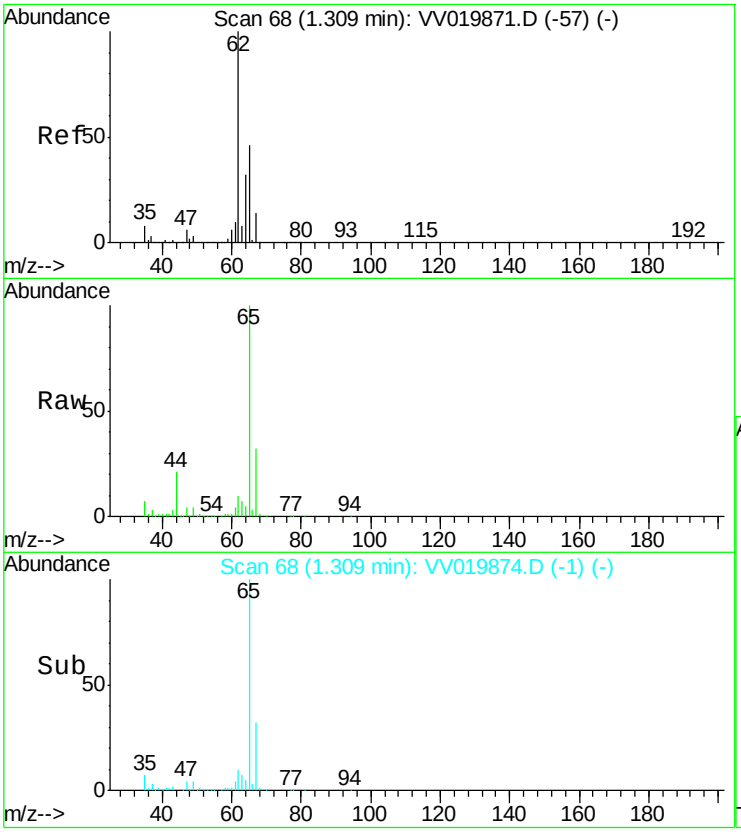


#3
Chloromethane
Concen: 0.236 ug/L
RT: 1.24 min Scan# 47
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 50 Resp: 7010

Ion	Ratio	Lower	Upper
50	100		
52	35.4	23.1	42.9





#5
Vinyl chloride
Concen: 0.243 ug/L
RT: 1.31 min Scan# 68
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 62 Resp: 7094

Ion	Ratio	Lower	Upper
62	100		
64	46.6	23.2	43.2#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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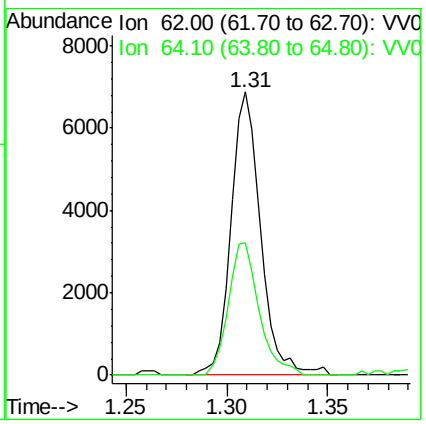
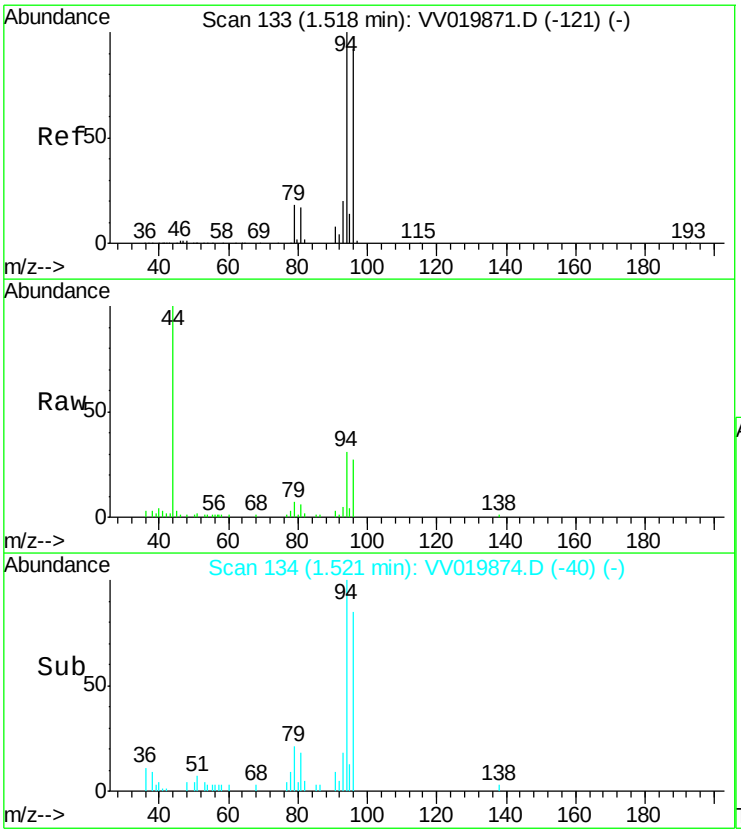
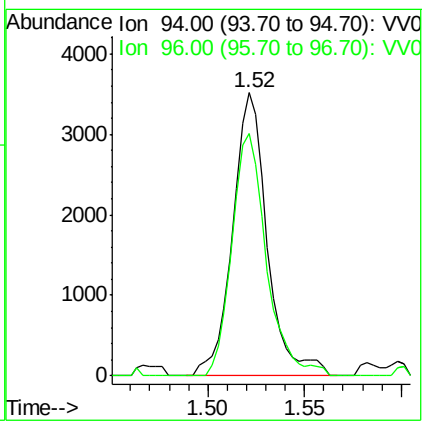


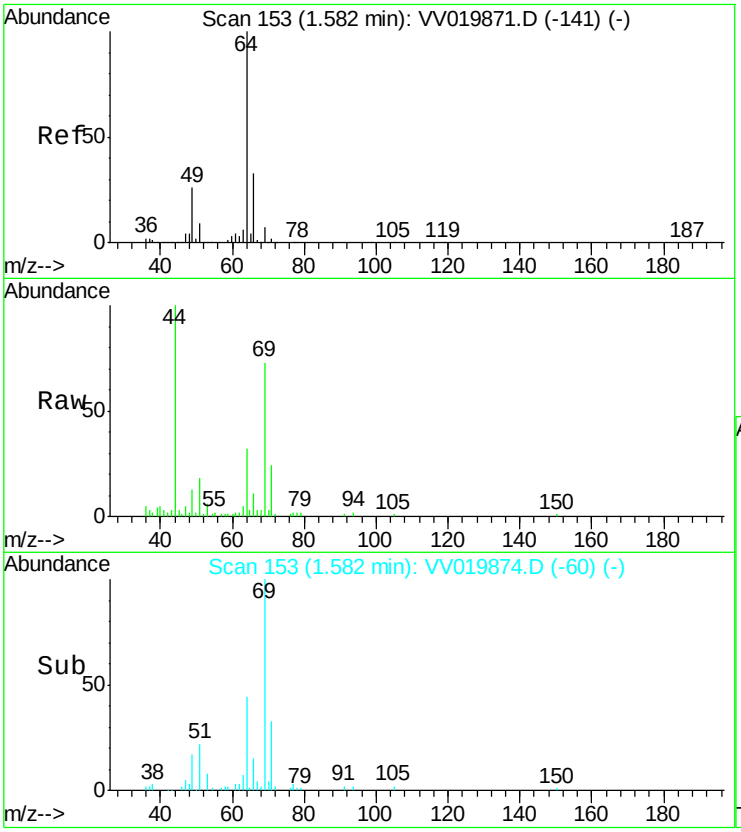


#6
Bromomethane
Concen: 0.255 ug/L
RT: 1.52 min Scan# 134
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 94 Resp: 4354

Ion	Ratio	Lower	Upper
94	100		
96	85.4	65.6	121.8

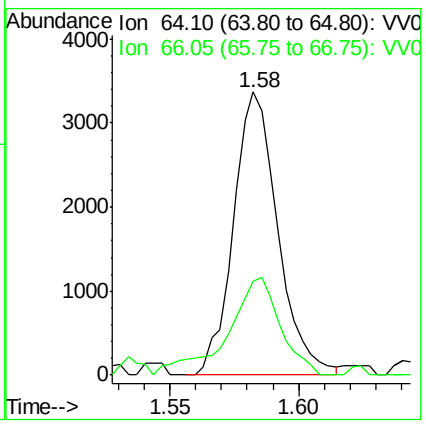




#8
Chloroethane
Concen: 0.226 ug/L
RT: 1.58 min Scan# 153
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 64 Resp: 4035

Ion	Ratio	Lower	Upper
64	100		
66	33.2	22.0	40.8



Instrument :
MSVOA_V
ClientSampleId :
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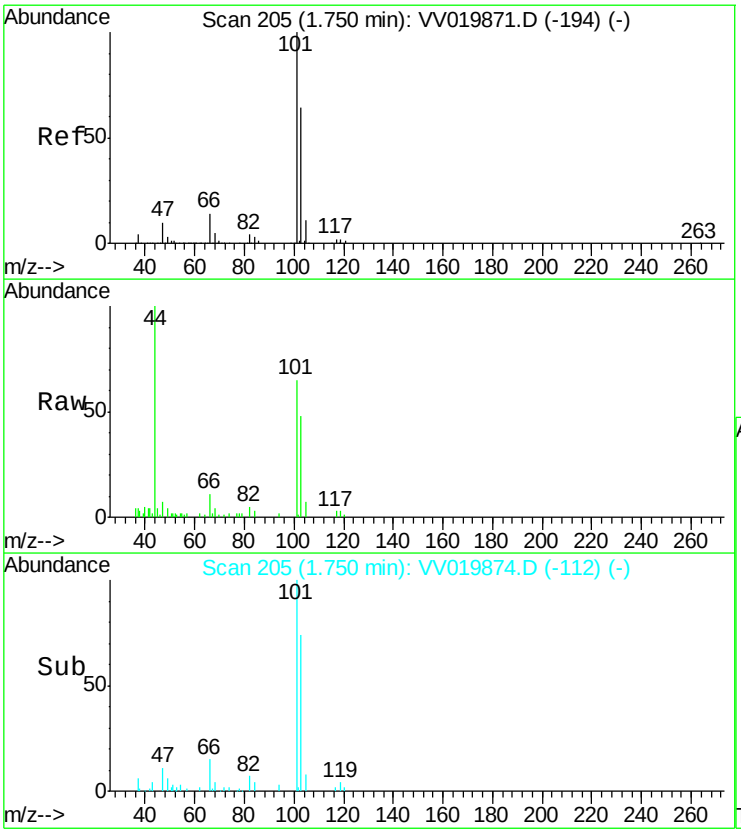
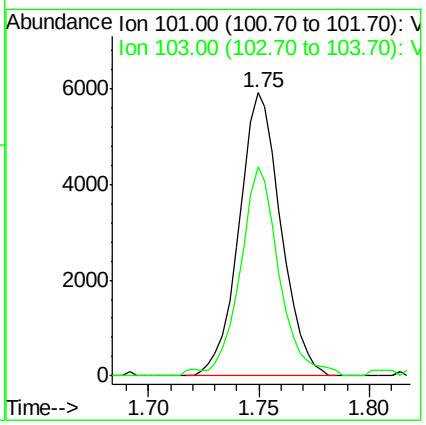
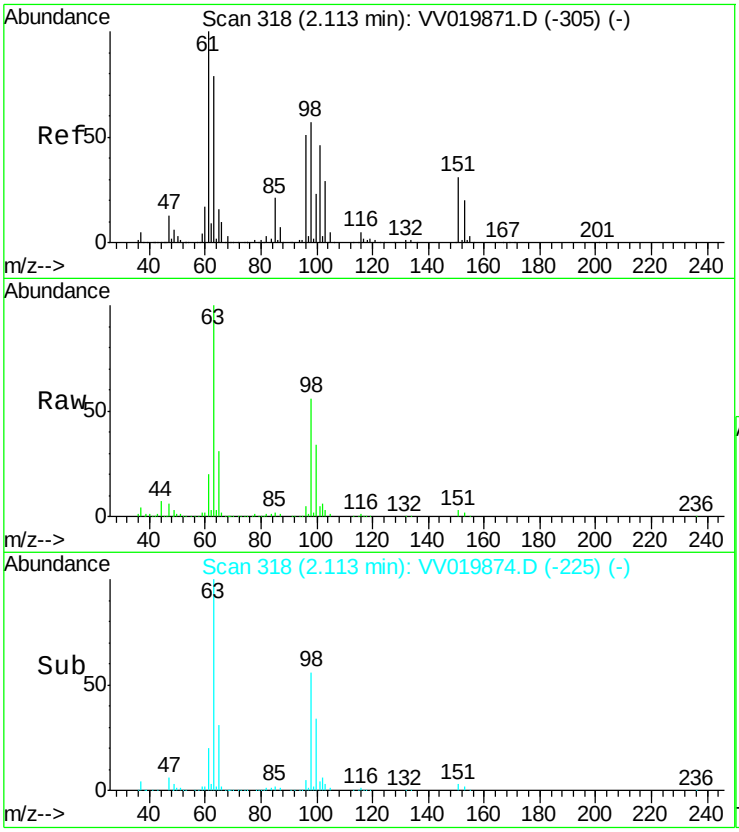


#9
Trichlorofluoromethane
Concen: 0.220 ug/L
RT: 1.75 min Scan# 205
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:101 Resp: 7794

Ion	Ratio	Lower	Upper
101	100		
103	69.0	51.8	77.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.295 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:101 Resp: 5616

Ion	Ratio	Lower	Upper
101	100		
85	39.2	36.4	54.6
151	53.5	54.1	81.1#

Instrument :
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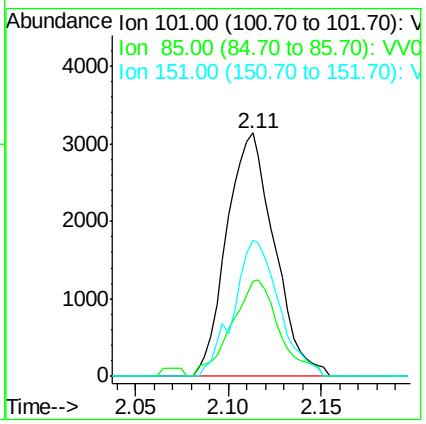
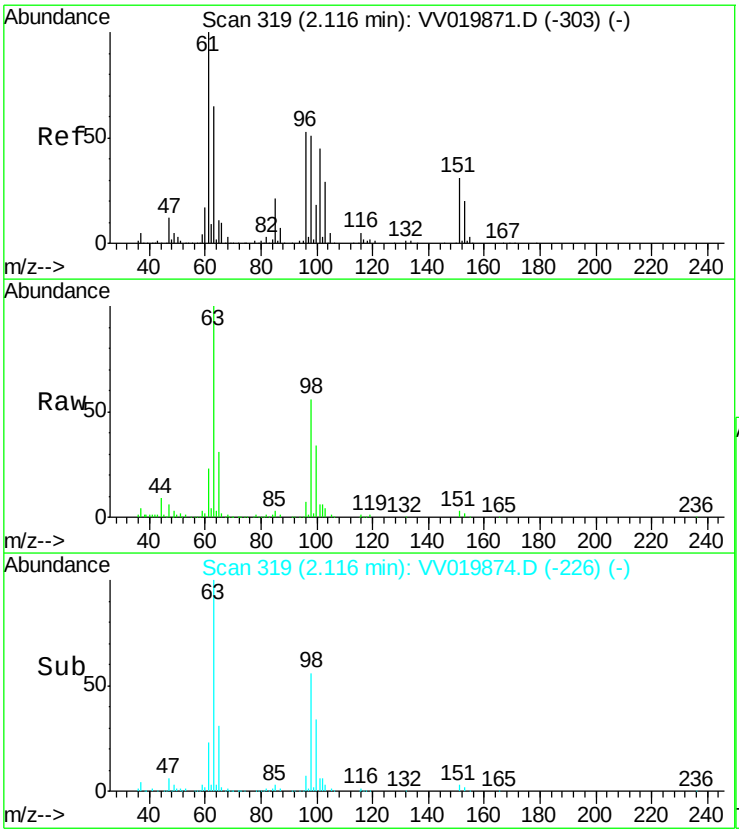
1/4/2021 12:17:26 PM

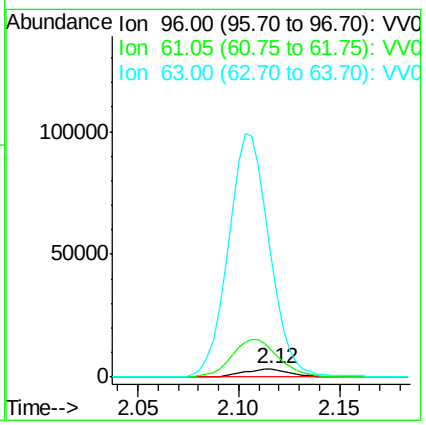


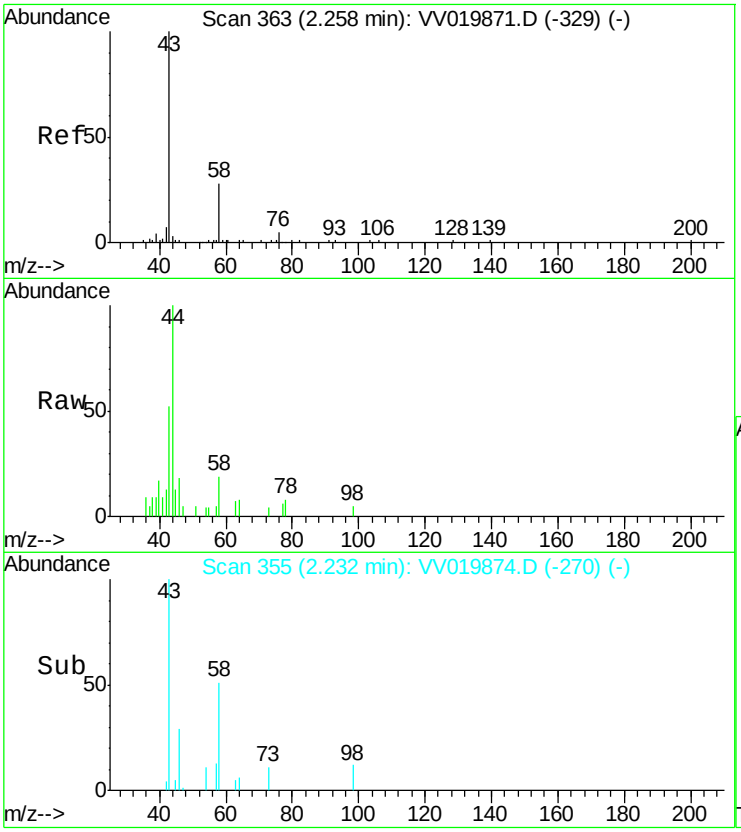


#12
1,1-Dichloroethene
Concen: 0.279 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 96 Resp: 5439

Ion	Ratio	Lower	Upper
96	100		
61	338.5	131.5	244.1#
63	1479.3	95.2	176.8#





#13
Acetone
Concen: 2.757 ug/L m
RT: 2.23 min Scan# 355
Delta R.T. -0.03 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 43 Resp: 8820

Ion	Ratio	Lower	Upper
43	100		
58	0.6	0.0	31.4

Instrument :
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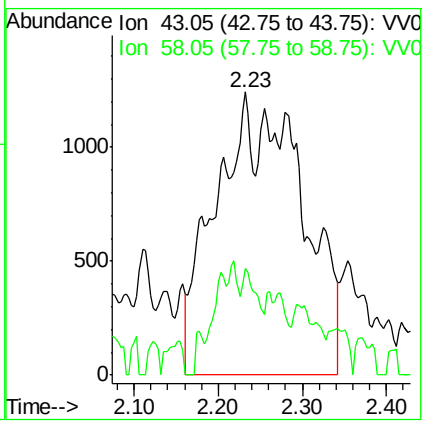
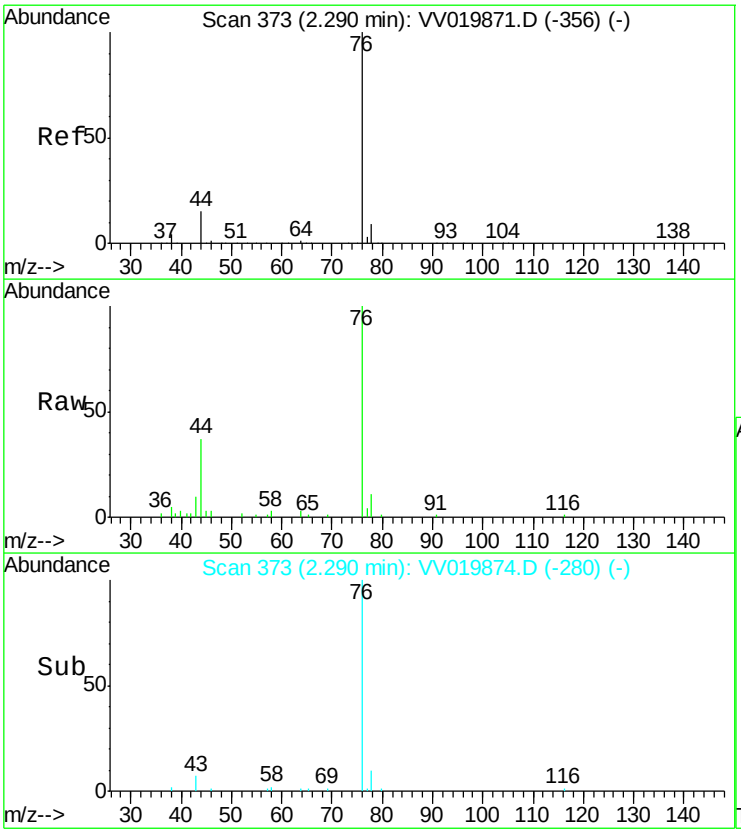
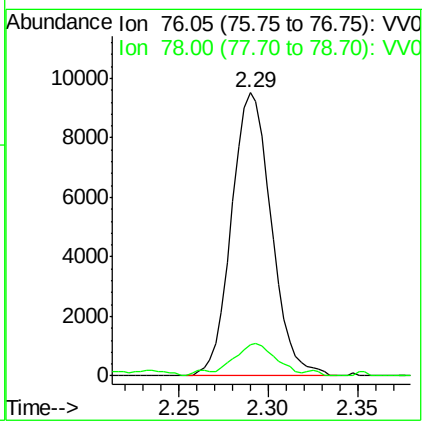


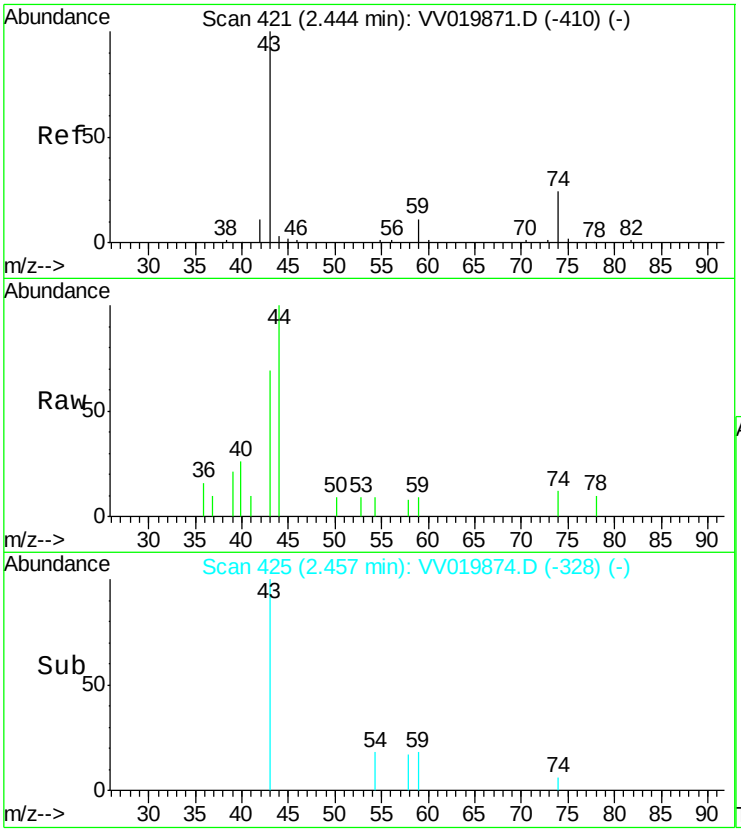


#14
Carbon disulfide
Concen: 0.219 ug/L
RT: 2.29 min Scan# 373
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 76 Resp: 14747

Ion	Ratio	Lower	Upper
76	100		
78	11.2	7.2	10.8#

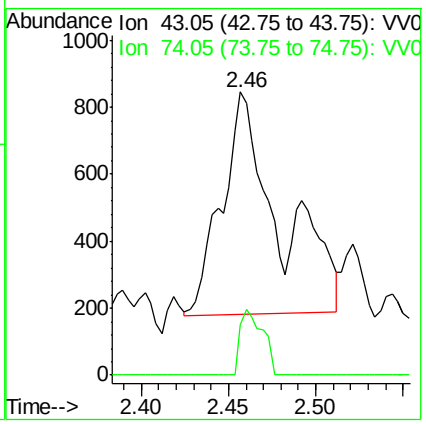




#15
Methyl Acetate
Concen: 0.190 ug/L m
RT: 2.46 min Scan# 425
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 43 Resp: 1519

Ion	Ratio	Lower	Upper
43	100		
74	11.6	10.6	16.0



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MMDadoda
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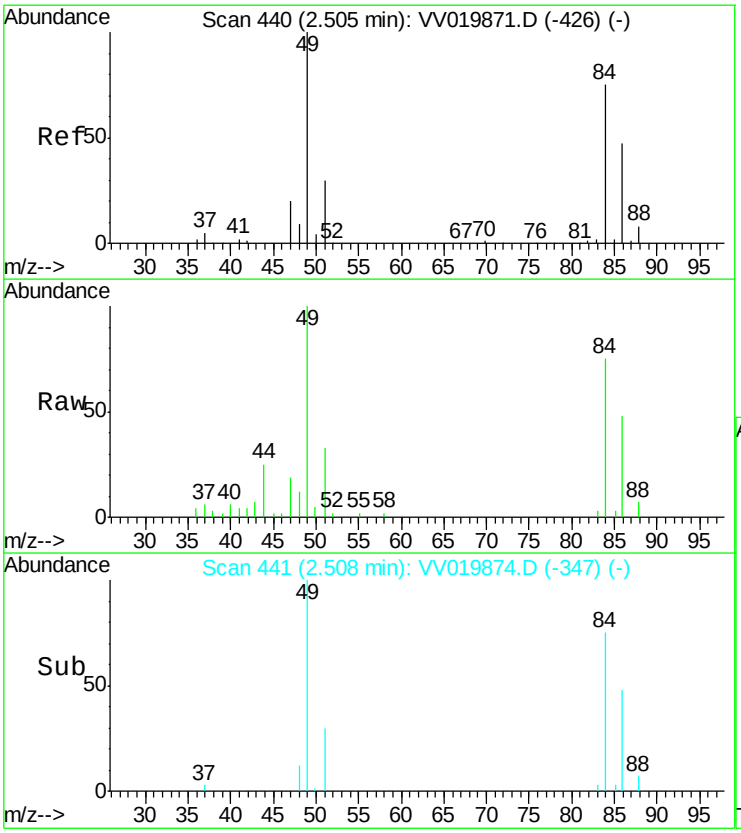
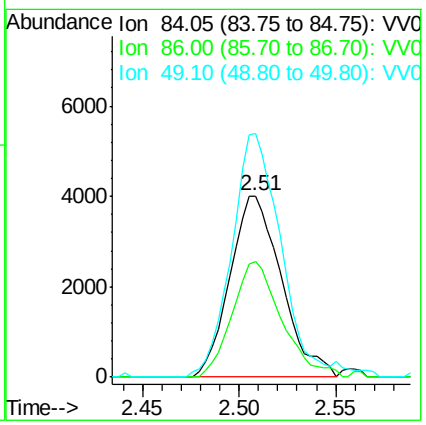
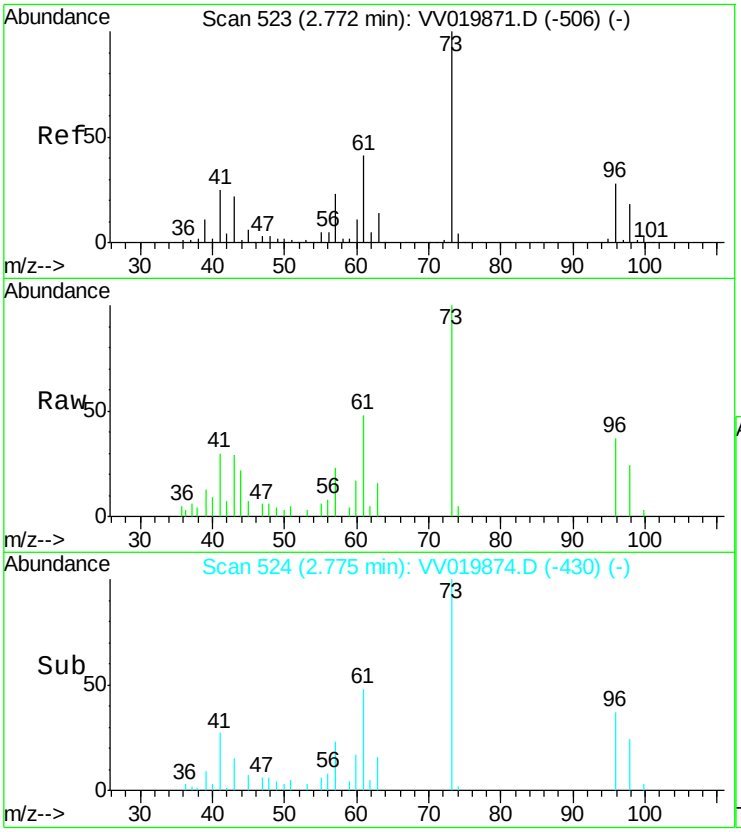


#16
Methylene chloride
Concen: 0.313 ug/L
RT: 2.51 min Scan# 441
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 84 Resp: 7421

Ion	Ratio	Lower	Upper
84	100		
86	64.0	42.8	79.4
49	134.1	93.9	174.3

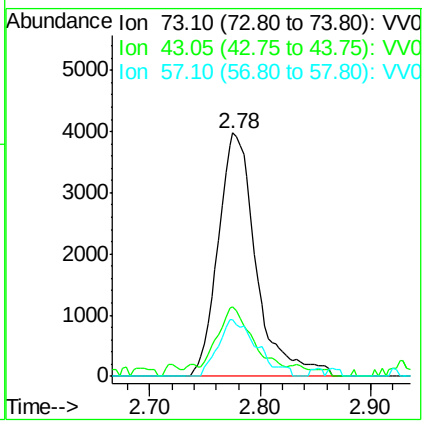




#17
Methyl tert-butyl Ether
Concen: 0.195 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 73 Resp: 9510

Ion	Ratio	Lower	Upper
73	100		
43	20.1	17.0	25.6
57	22.5	18.2	27.4



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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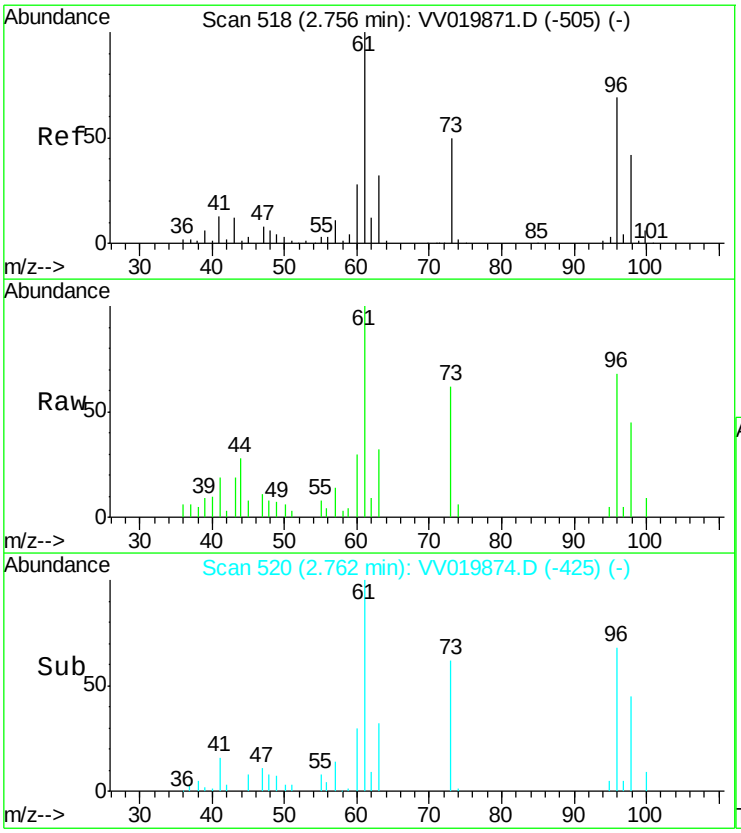
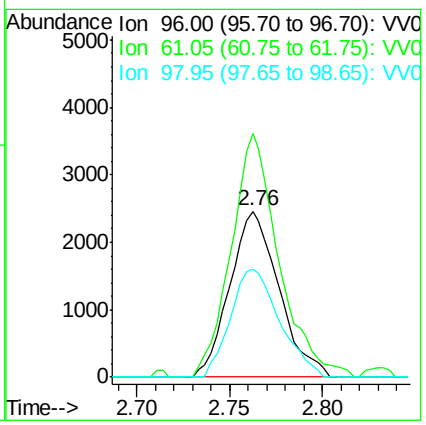
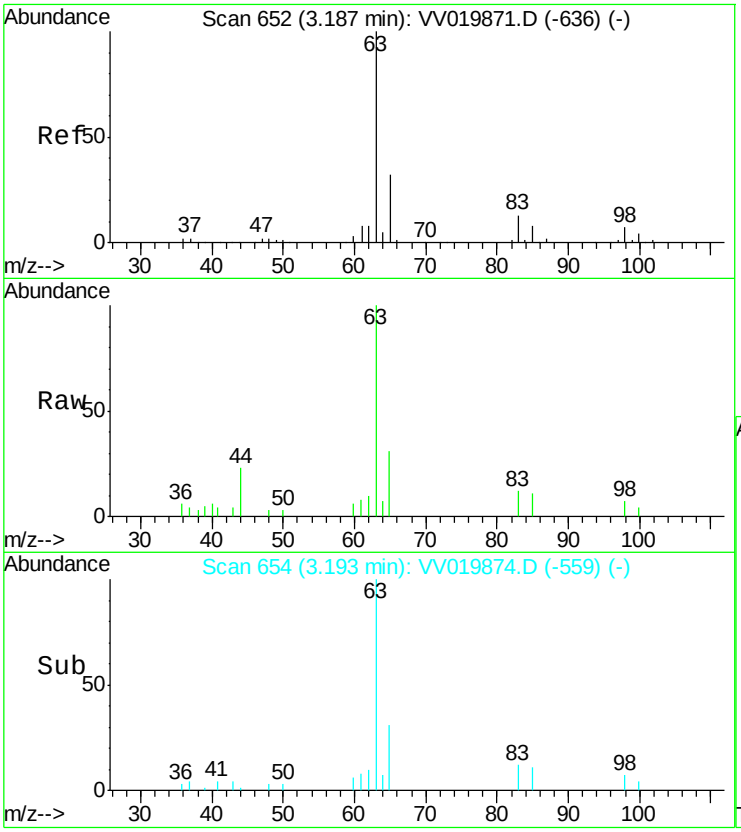


#18
trans-1,2-Dichloroethene
Concen: 0.205 ug/L
RT: 2.76 min Scan# 520
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 96 Resp: 4513

Ion	Ratio	Lower	Upper
96	100		
61	146.9	106.3	197.3
98	65.4	44.7	82.9

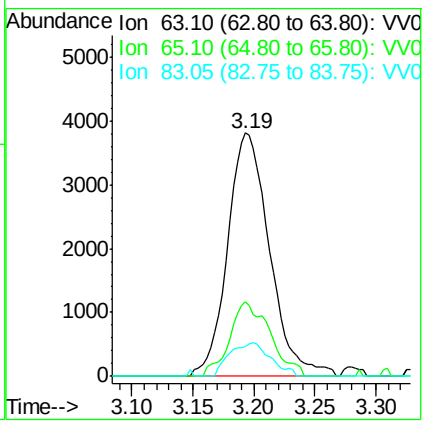




#19
1,1-Dichloroethane
Concen: 0.213 ug/L
RT: 3.19 min Scan# 654
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 63 Resp: 9083

Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.8	40.6
83	12.0	9.0	16.8



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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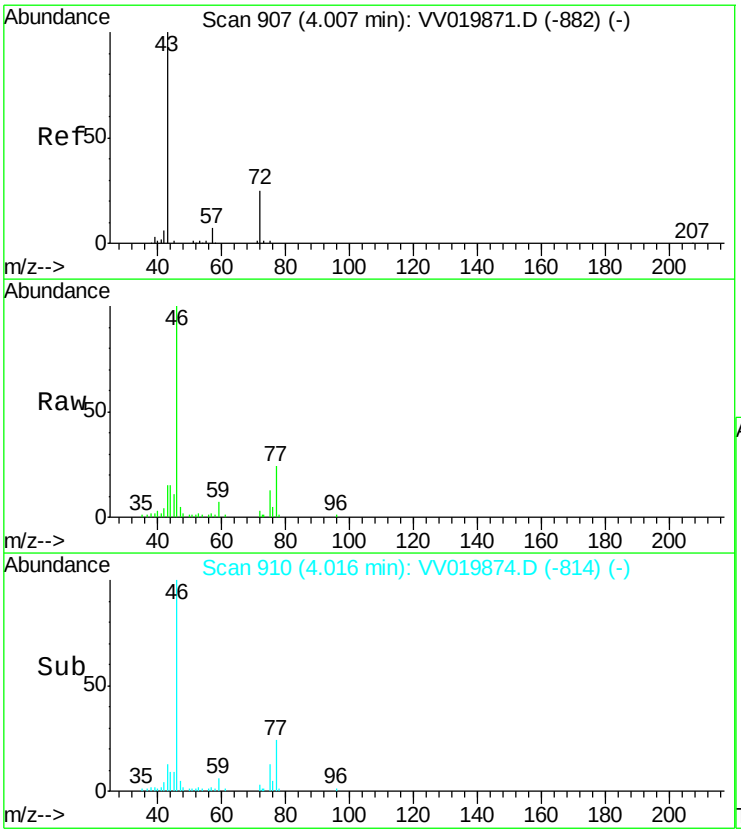
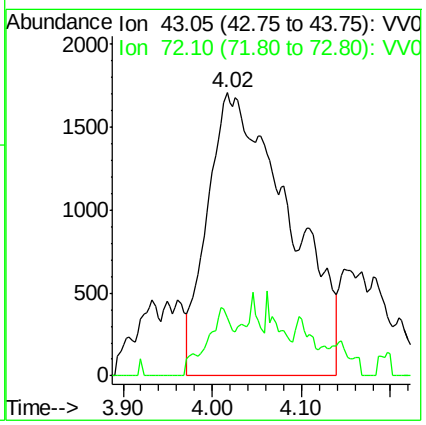
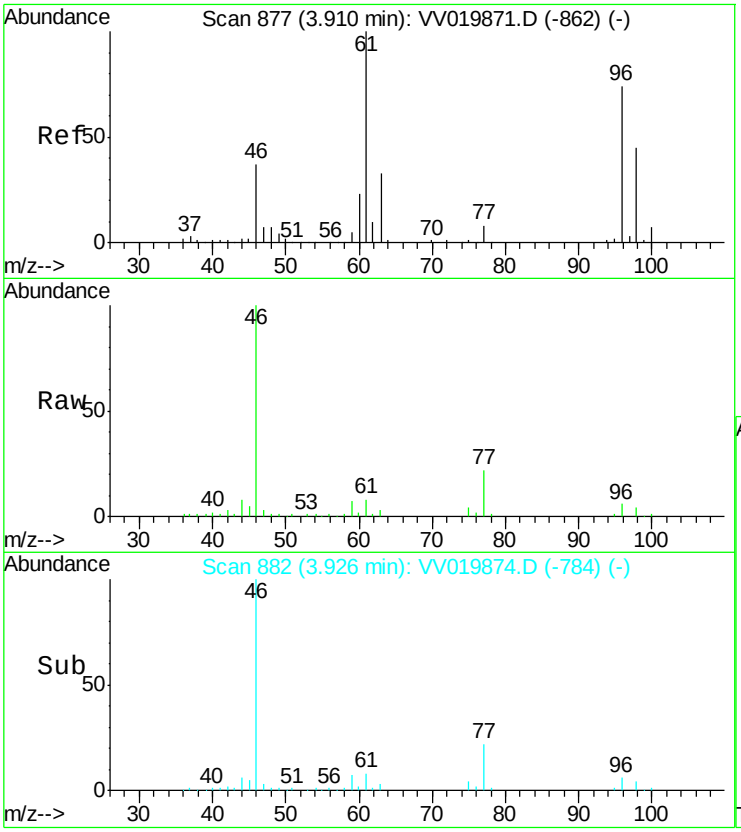


#21
2-Butanone
Concen: 2.006 ug/L m
RT: 4.02 min Scan# 910
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 43 Resp: 10795

Ion	Ratio	Lower	Upper
43	100		
72	6.0	10.9	32.7#

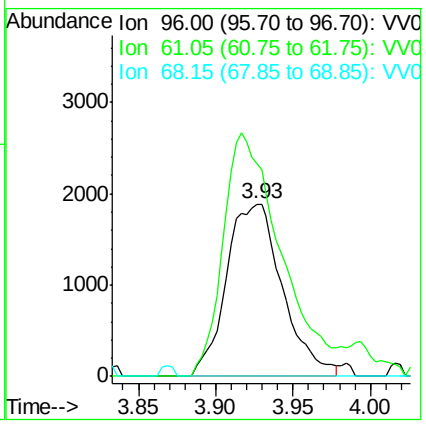




#22
cis-1,2-Dichloroethene
Concen: 0.208 ug/L
RT: 3.93 min Scan# 882
Delta R.T. 0.02 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 96 Resp: 4752

Ion	Ratio	Lower	Upper
96	100		
61	123.8	98.1	182.3
68	0.0	0.0	0.0



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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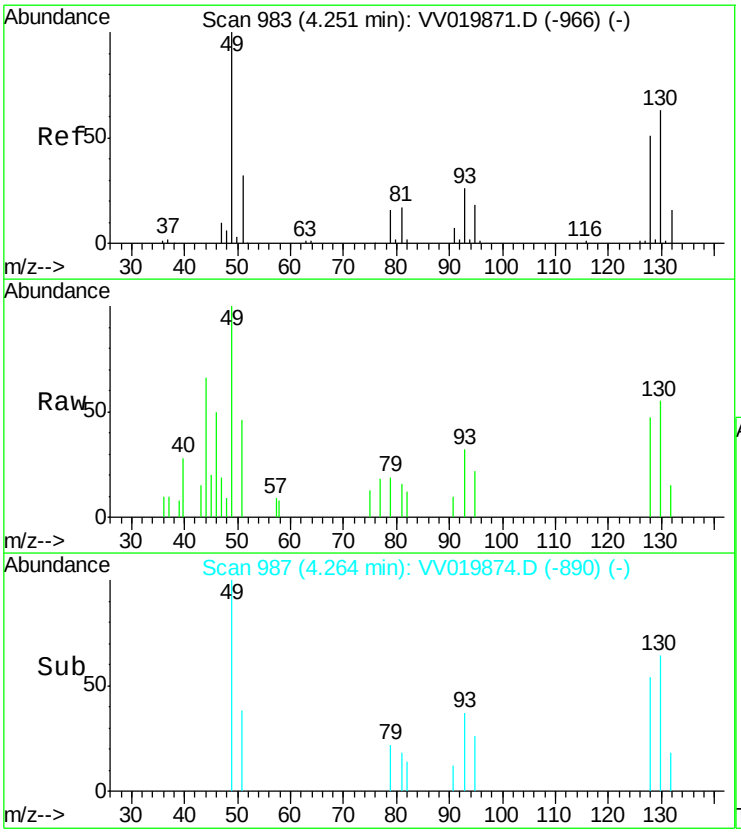
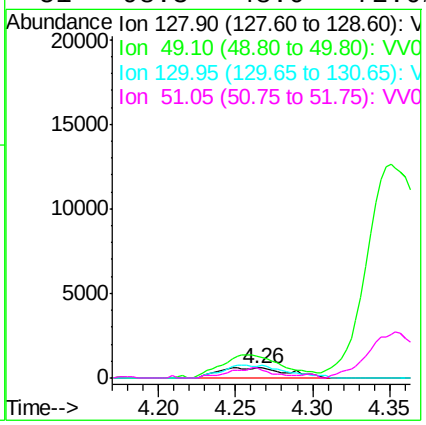
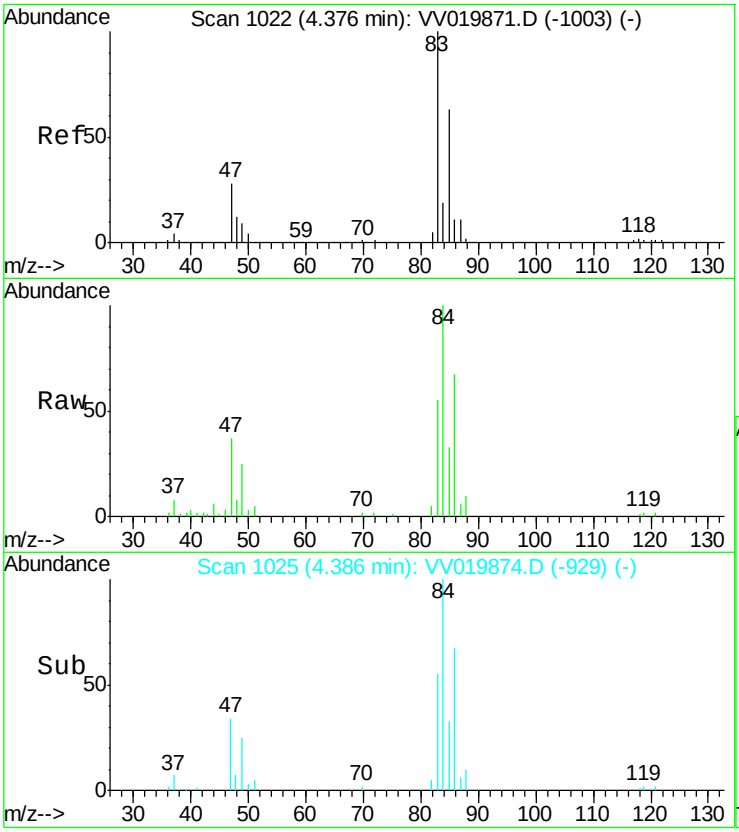


#23
Bromochloromethane
Concen: 0.204 ug/L m
RT: 4.26 min Scan# 987
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:128 Resp: 1860

Ion	Ratio	Lower	Upper
128	100		
49	214.1	132.6	246.2
130	118.4	86.4	160.4
51	98.3	48.0	72.0#

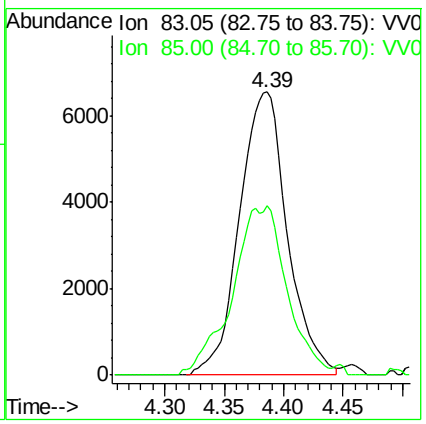




#25
Chloroform
Concen: 0.432 ug/L
RT: 4.39 min Scan# 1025
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 83 Resp: 18287

Ion	Ratio	Lower	Upper
83	100		
85	59.8	46.4	86.2



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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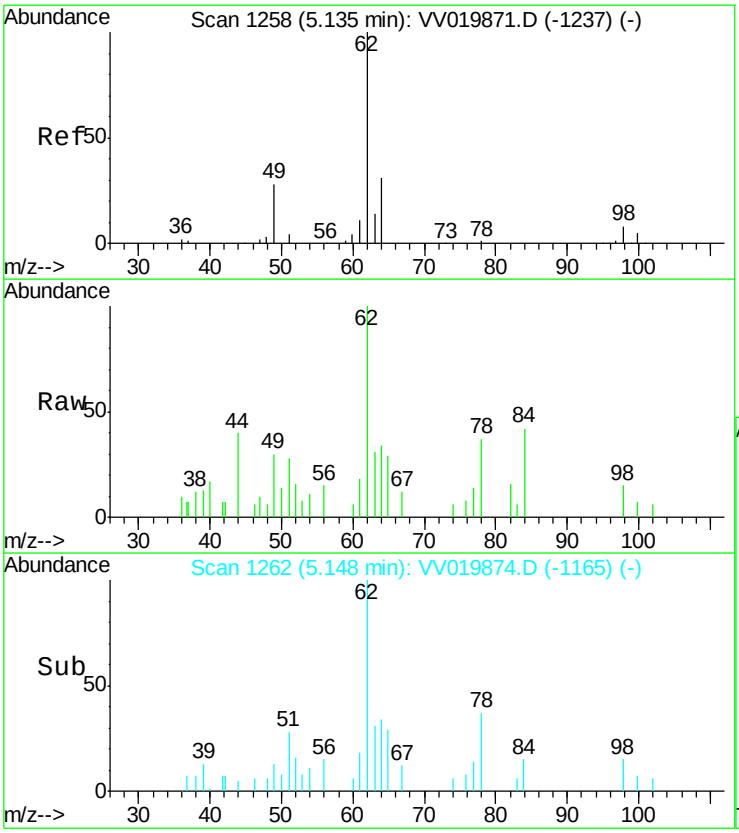
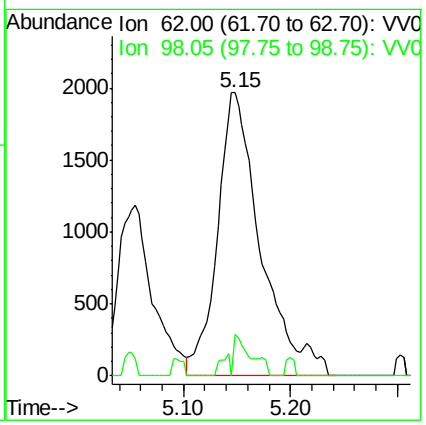
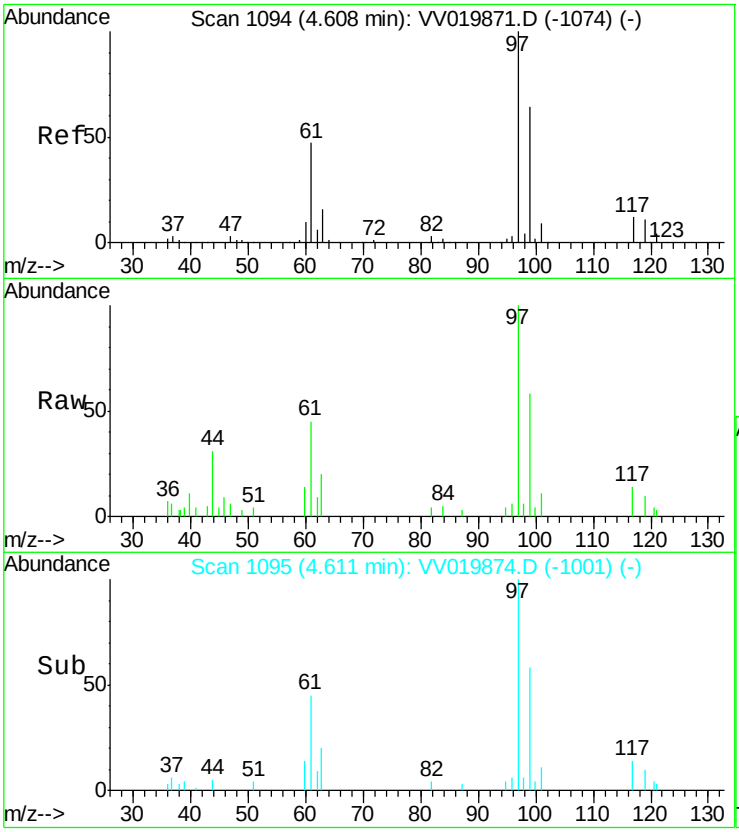


#27
1,2-Dichloroethane
Concen: 0.215 ug/L m
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 62 Resp: 5537

Ion	Ratio	Lower	Upper
62	100		
98	14.6	7.6	11.4#

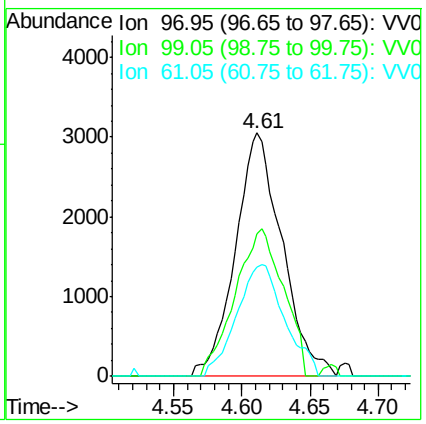




#29
1,1,1-Trichloroethane
Concen: 0.204 ug/L
RT: 4.61 min Scan# 1095
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 97 Resp: 7255

Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.1	76.7
61	47.1	38.6	57.8



Instrument :
MSVOA_V
ClientSampleId :
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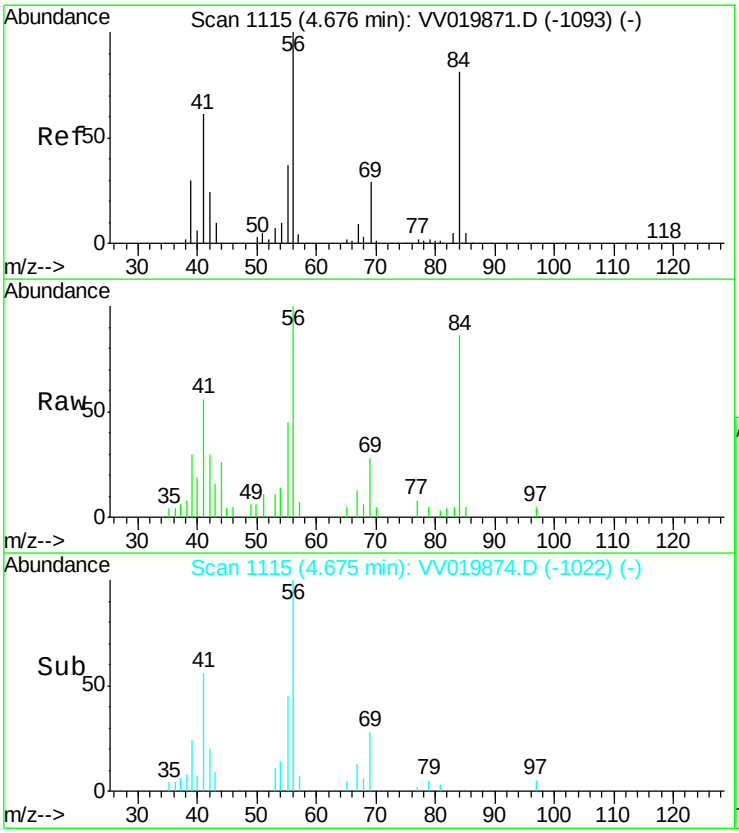
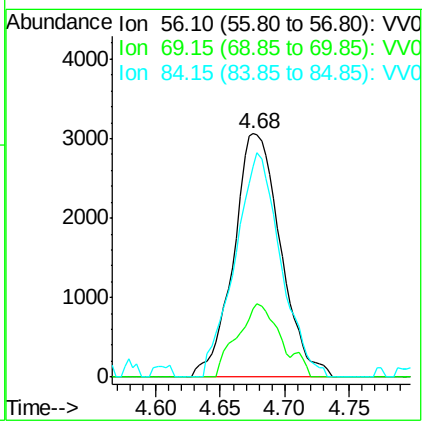
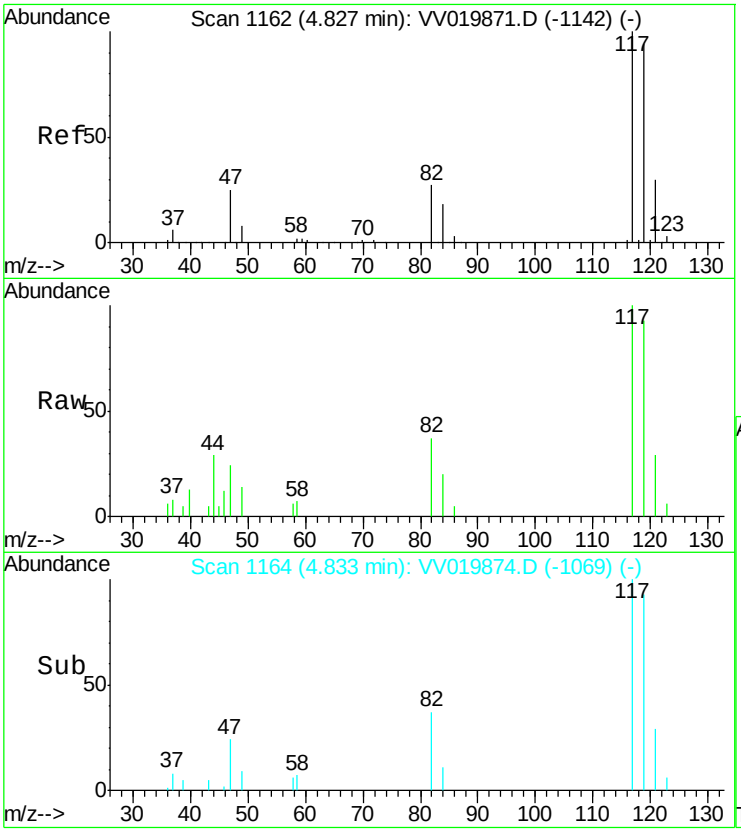


#30
Cyclohexane
Concen: 0.216 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 56 Resp: 7749

Ion	Ratio	Lower	Upper
56	100		
69	25.7	24.1	36.1
84	89.6	66.8	100.2

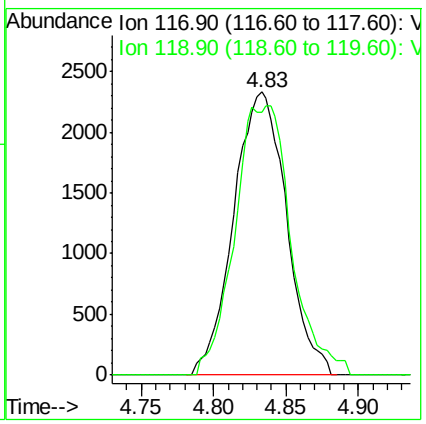




#31
Carbon tetrachloride
Concen: 0.203 ug/L
RT: 4.83 min Scan# 1164
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:117 Resp: 5899

Ion	Ratio	Lower	Upper
117	100		
119	101.3	76.0	114.0



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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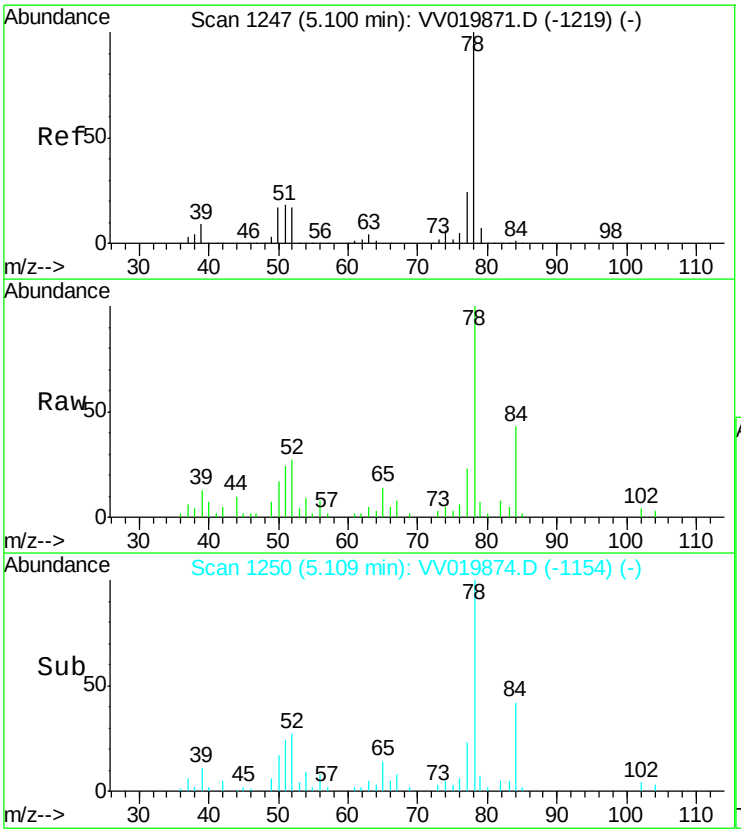
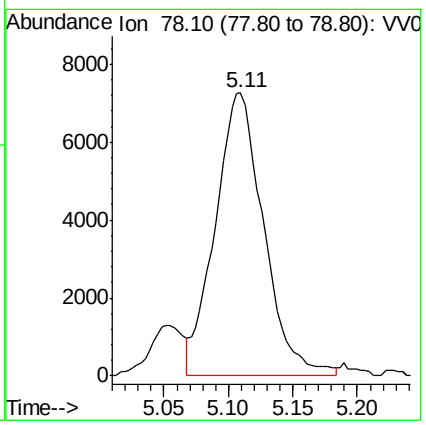
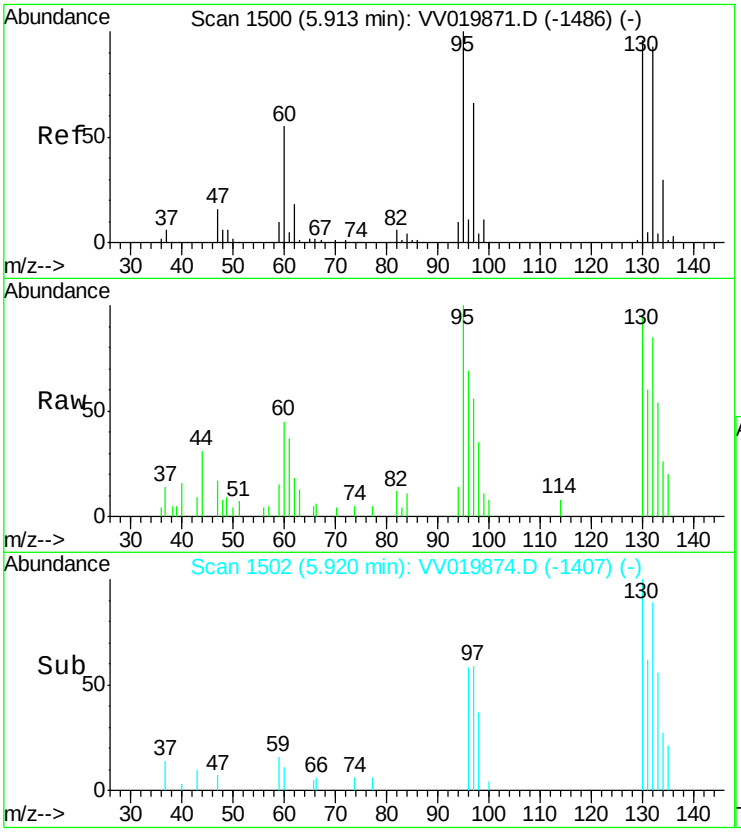


#33
Benzene
Concen: 0.217 ug/L
RT: 5.11 min Scan# 1250
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 78 Resp: 18972

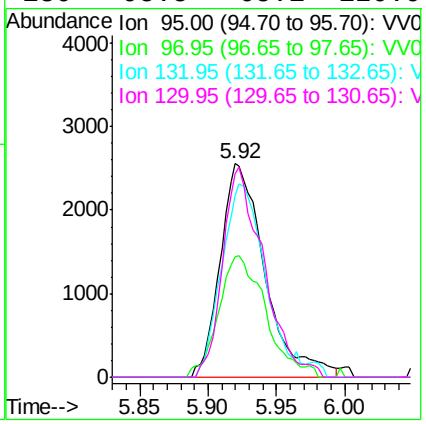




#34
Trichloroethene
Concen: 0.249 ug/L
RT: 5.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 95 Resp: 5820

Ion	Ratio	Lower	Upper
95	100		
97	56.3	44.1	81.9
132	85.3	61.2	113.8
130	95.5	65.1	120.9



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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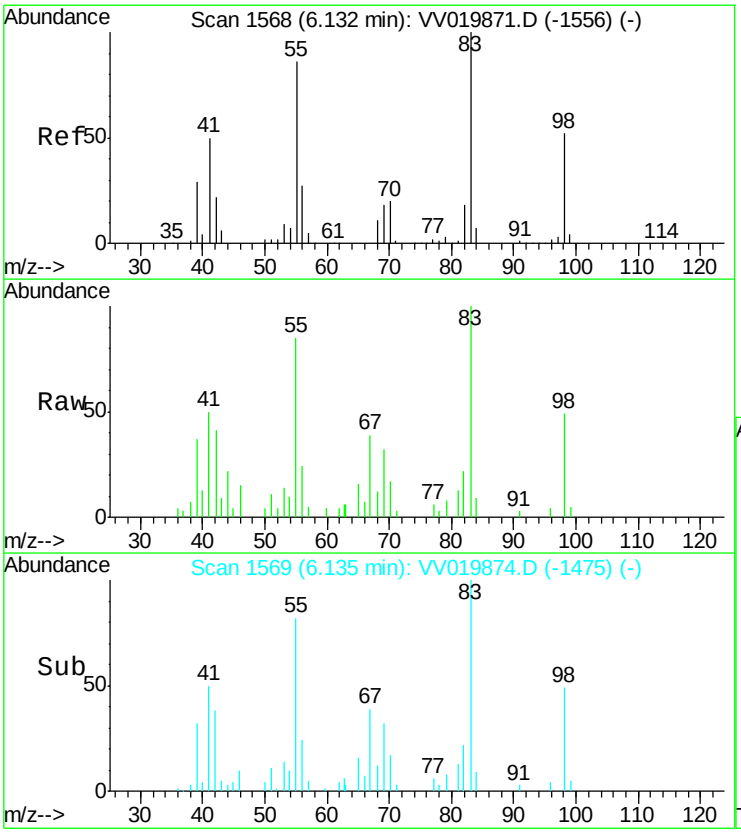
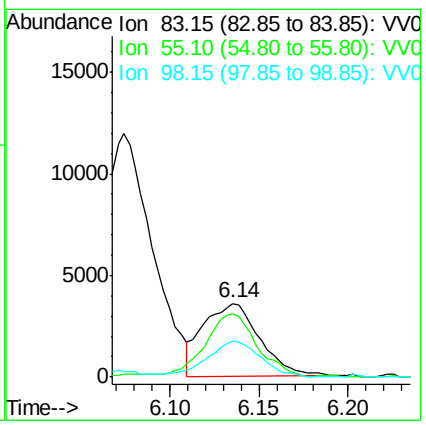
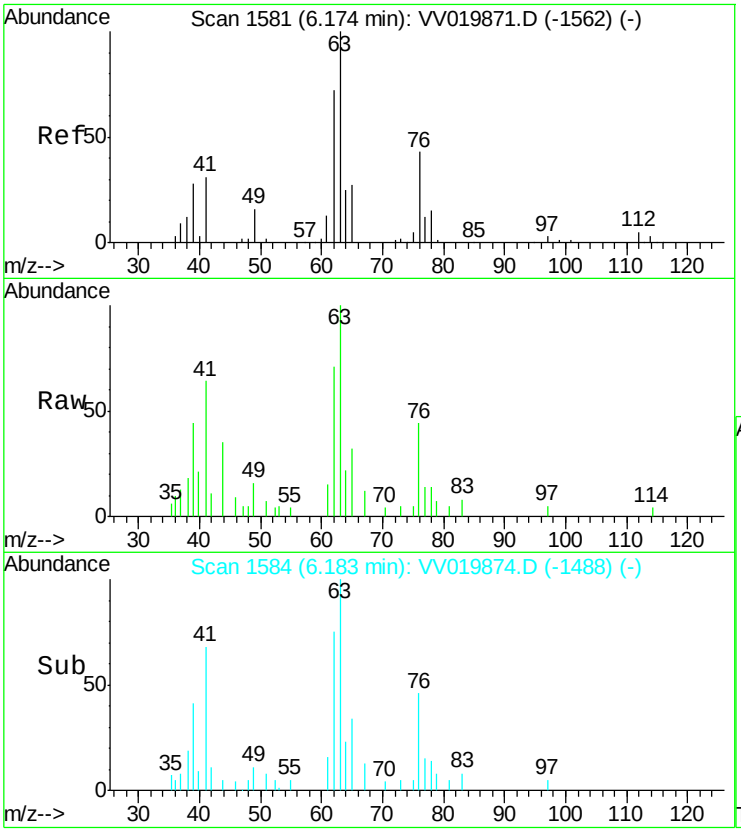


#35
Methylcyclohexane
Concen: 0.222 ug/L
RT: 6.14 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 83 Resp: 7747

Ion	Ratio	Lower	Upper
83	100		
55	82.2	67.5	101.3
98	48.3	38.6	58.0

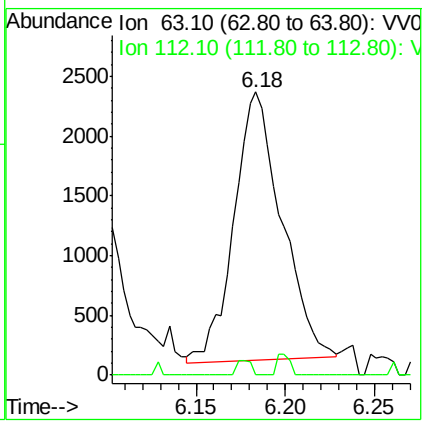




#37
1,2-Dichloropropane
Concen: 0.190 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 63 Resp: 4174

Ion	Ratio	Lower	Upper
63	100		
112	1.7	3.6	5.4#



Instrument :
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ClientSampleId :
MDL-WATER-04

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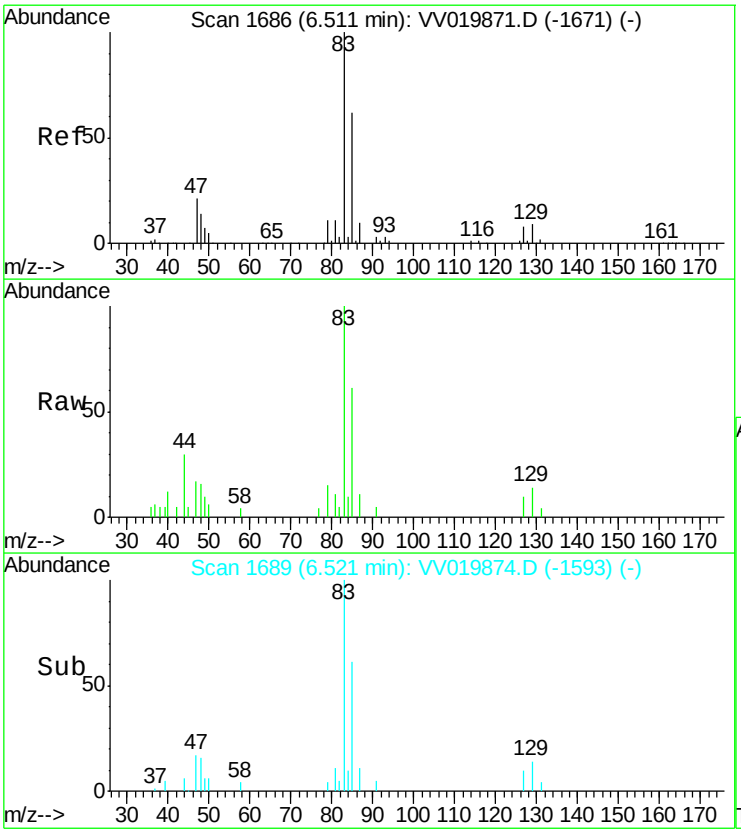
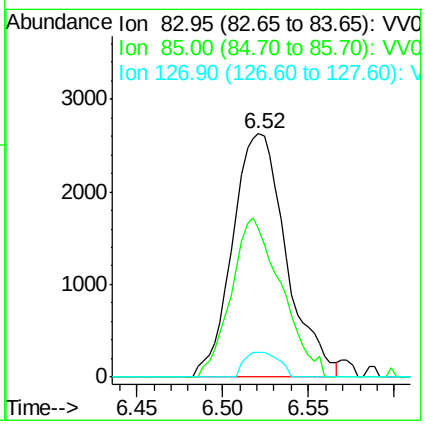
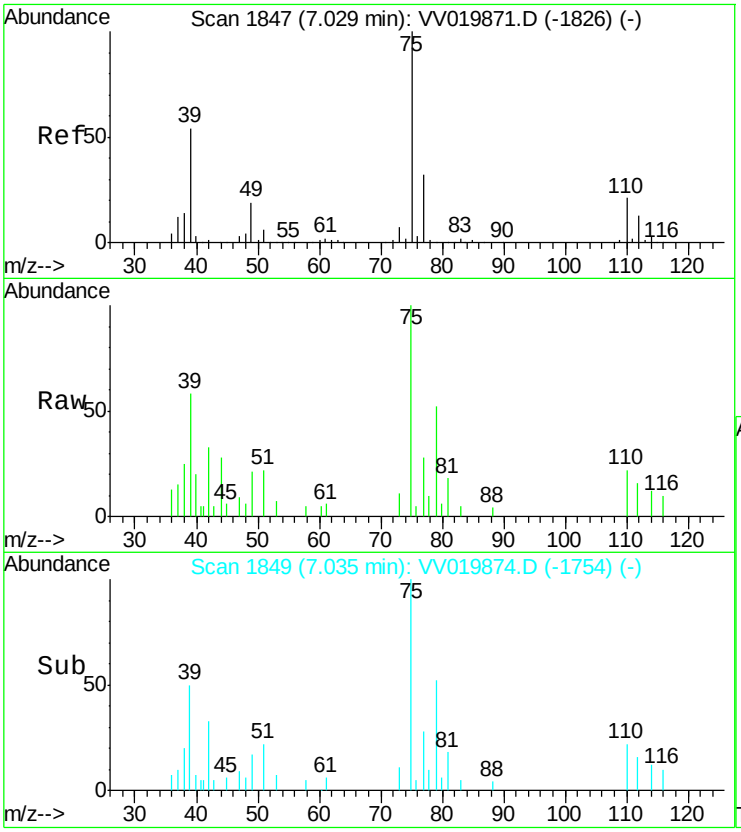


#38
Bromodichloromethane
Concen: 0.211 ug/L
RT: 6.52 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 83 Resp: 5699

Ion	Ratio	Lower	Upper
83	100		
85	61.3	45.9	85.3
127	10.3	6.2	9.2#





#39
cis-1,3-Dichloropropene
Concen: 0.198 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 75 Resp: 5964

Ion	Ratio	Lower	Upper
75	100		
77	27.7	21.0	39.0

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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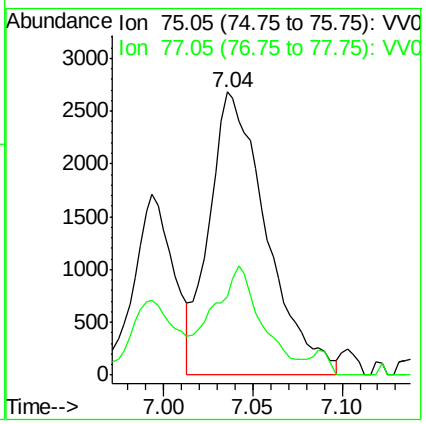
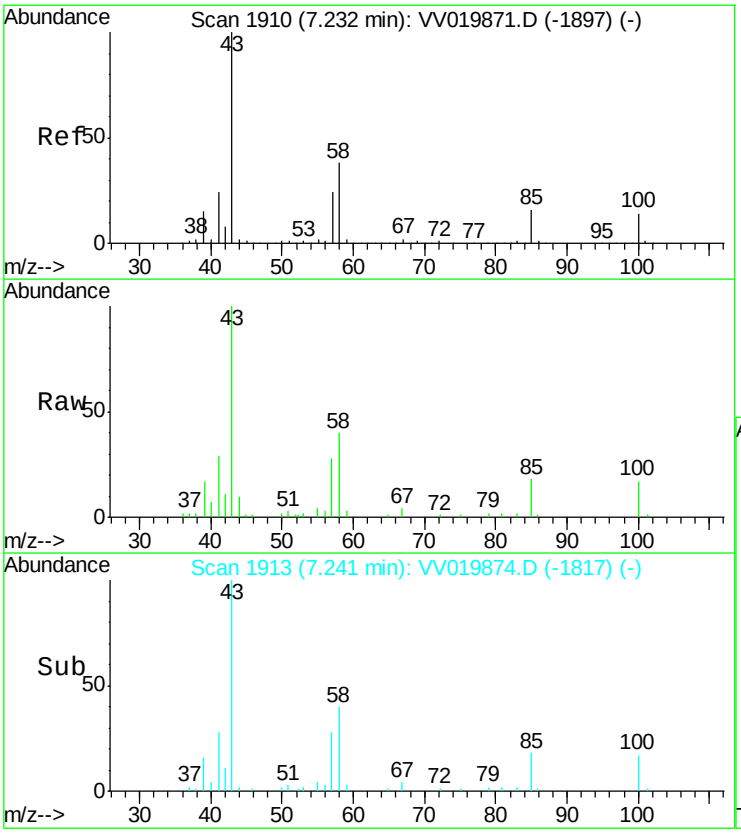
1/4/2021 12:17:26 PM

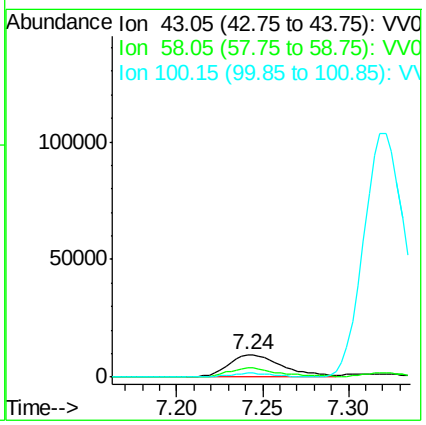


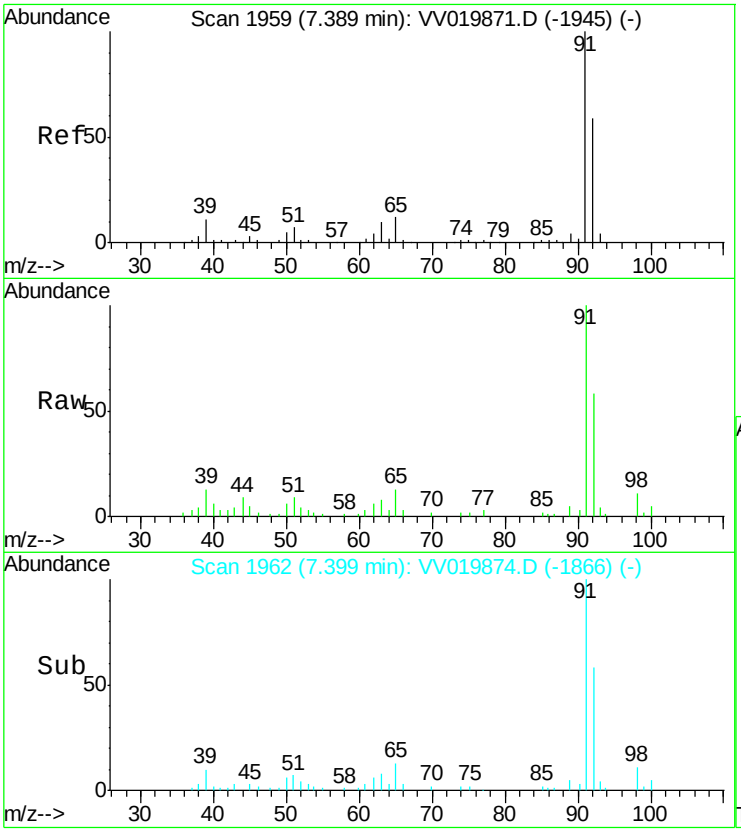


#40
4-Methyl-2-pentanone
Concen: 1.681 ug/L
RT: 7.24 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 43 Resp: 20815

Ion	Ratio	Lower	Upper
43	100		
58	40.1	30.0	45.0
100	0.0	11.4	17.0#

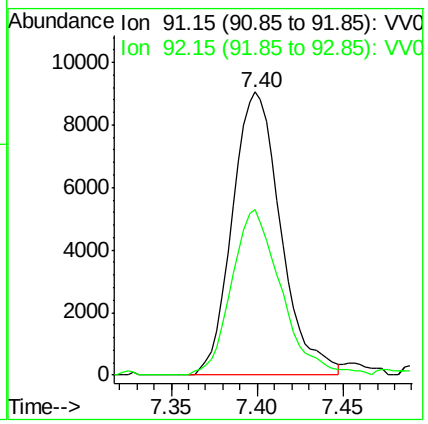




#42
Toluene
Concen: 0.200 ug/L
RT: 7.40 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 91 Resp: 17764

Ion	Ratio	Lower	Upper
91	100		
92	58.3	40.9	76.0



Instrument :
MSVOA_V
ClientSampleId :
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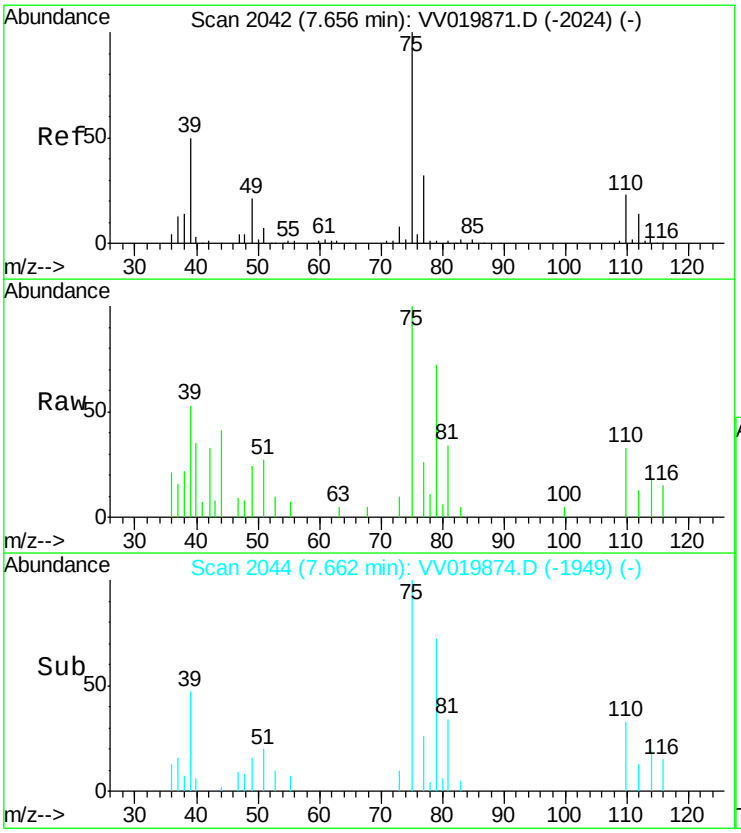
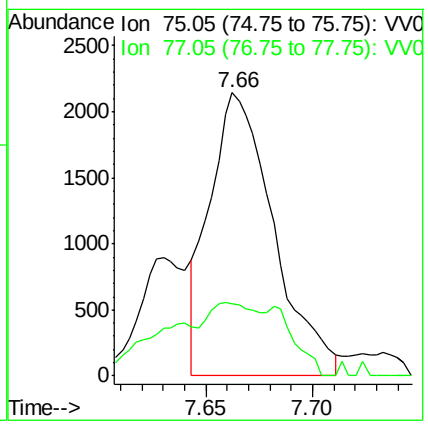
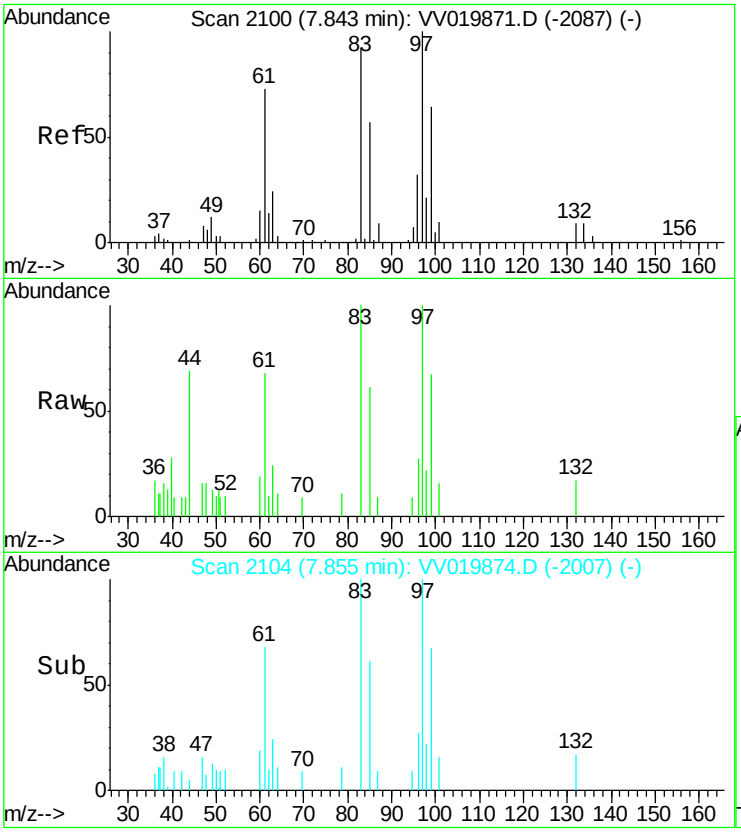


#44
trans-1,3-Dichloropropene
Concen: 0.181 ug/L m
RT: 7.66 min Scan# 2044
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 75 Resp: 4461

Ion	Ratio	Lower	Upper
75	100		
77	25.5	21.1	39.3

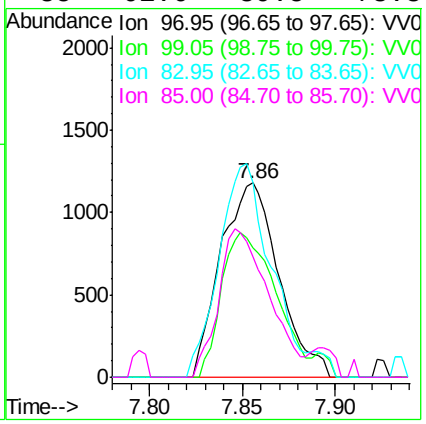




#45
1,1,2-Trichloroethane
Concen: 0.181 ug/L
RT: 7.86 min Scan# 2104
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 97 Resp: 2570

Ion	Ratio	Lower	Upper
97	100		
99	66.8	42.4	78.8
83	100.3	59.4	110.4
85	61.6	39.5	73.3



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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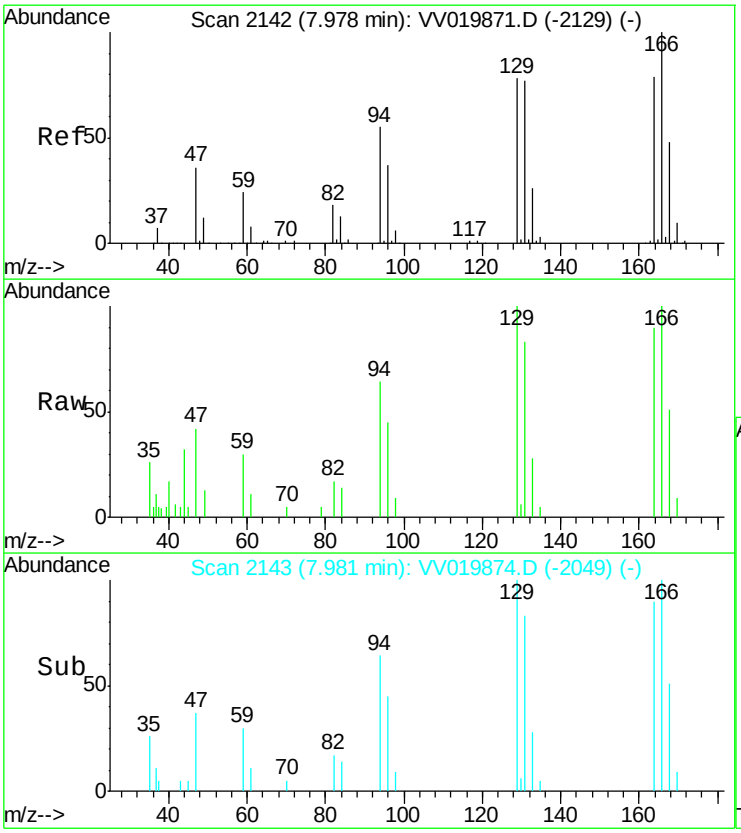
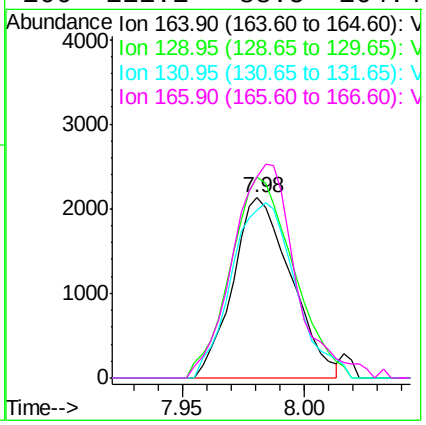
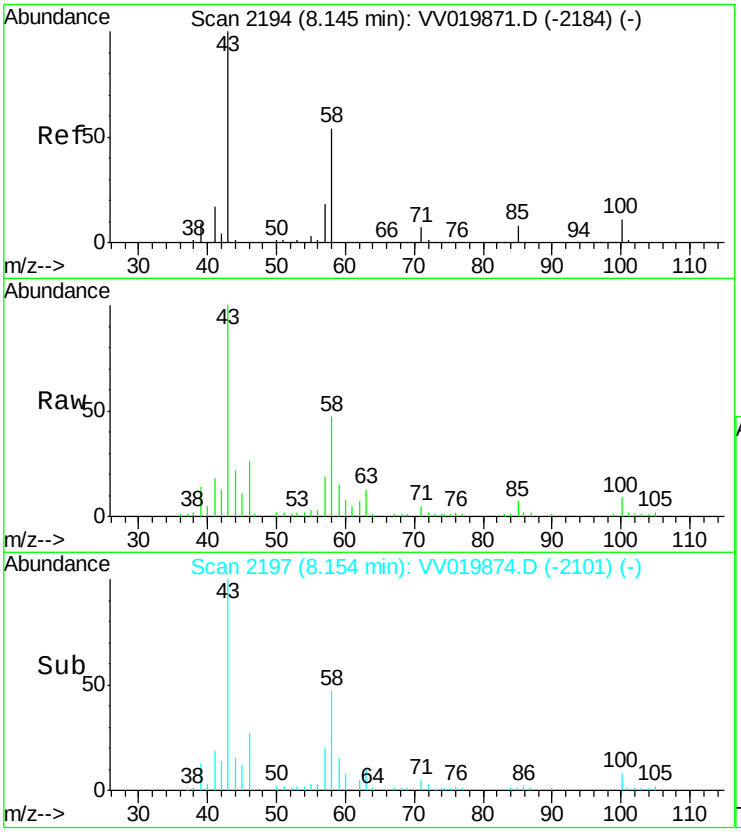


#47
Tetrachloroethene
Concen: 0.223 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:164 Resp: 3542

Ion	Ratio	Lower	Upper
164	100		
129	111.4	72.1	133.9
131	92.9	68.9	127.9
166	111.1	88.5	164.4

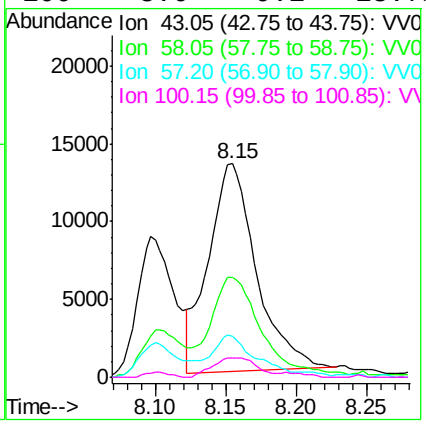




#48
2-Hexanone
Concen: 3.698 ug/L
RT: 8.15 min Scan# 2197
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 43 Resp: 31737

Ion	Ratio	Lower	Upper
43	100		
58	48.4	42.4	63.6
57	19.8	14.8	22.2
100	8.6	9.1	13.7#



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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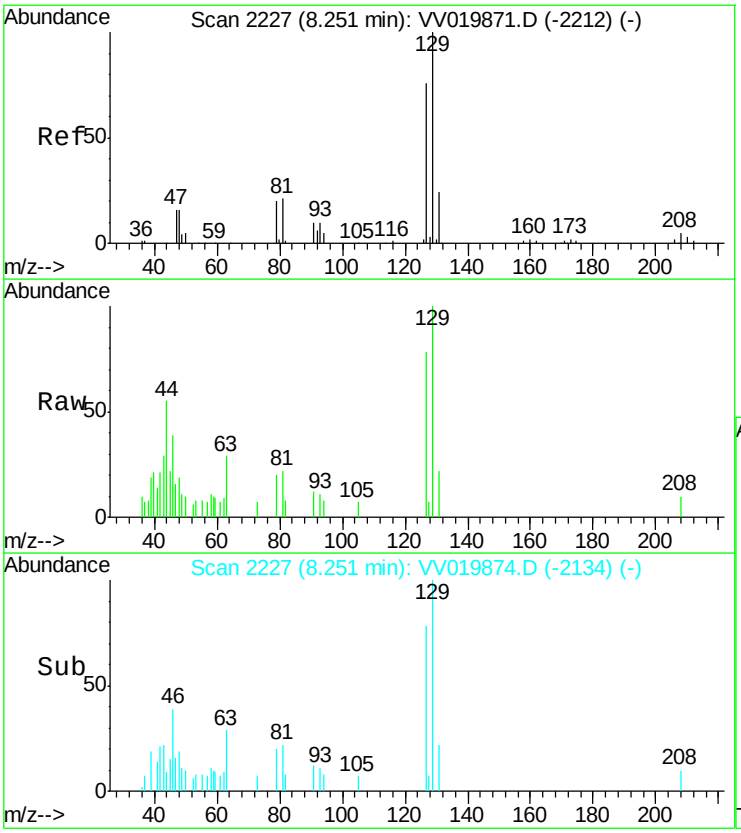
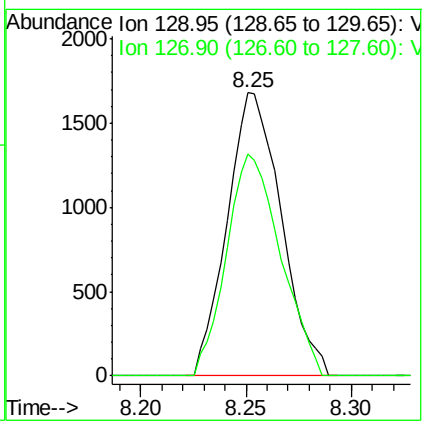
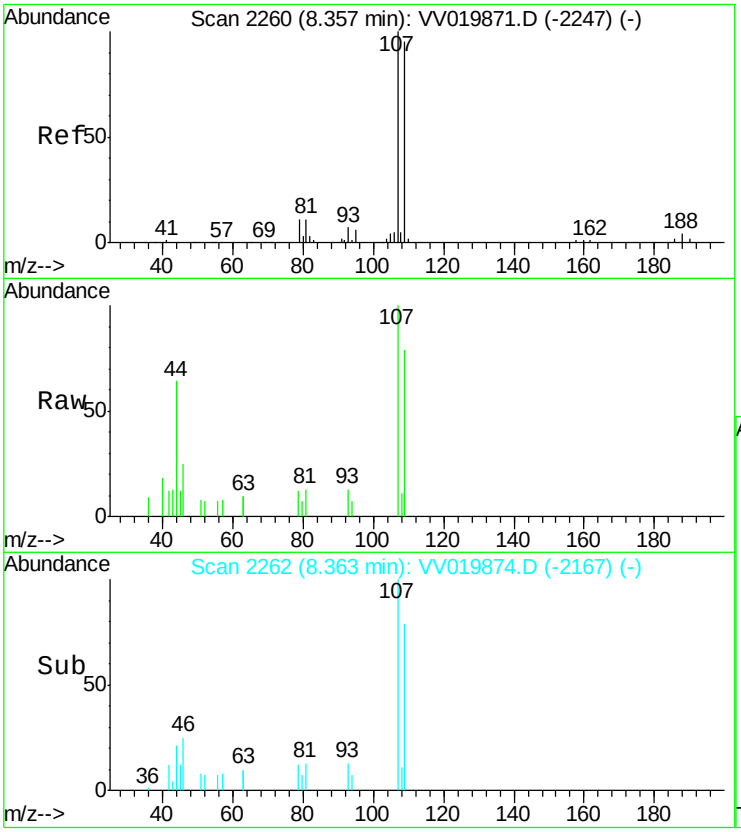


#49
Dibromochloromethane
Concen: 0.195 ug/L
RT: 8.25 min Scan# 2227
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:129 Resp: 2995

Ion	Ratio	Lower	Upper
129	100		
127	78.2	55.0	102.2

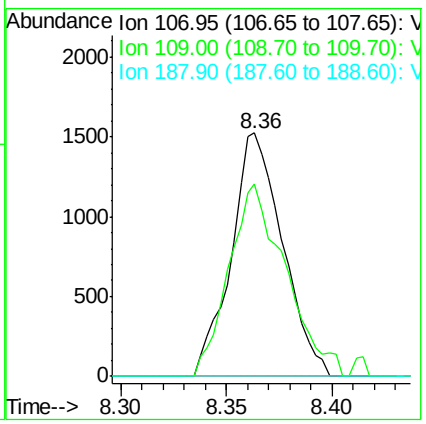




#50
1,2-Dibromoethane
Concen: 0.200 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:107 Resp: 2577

Ion	Ratio	Lower	Upper
107	100		
109	79.0	63.8	118.4
188	0.0	2.5	3.7#



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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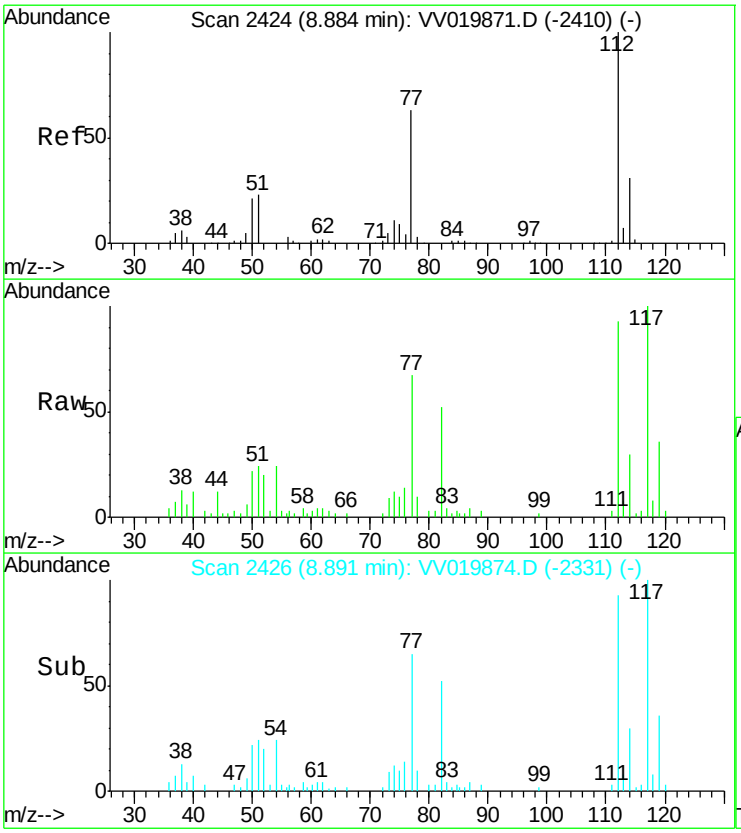
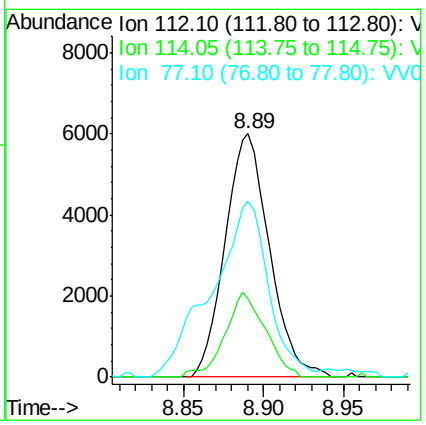
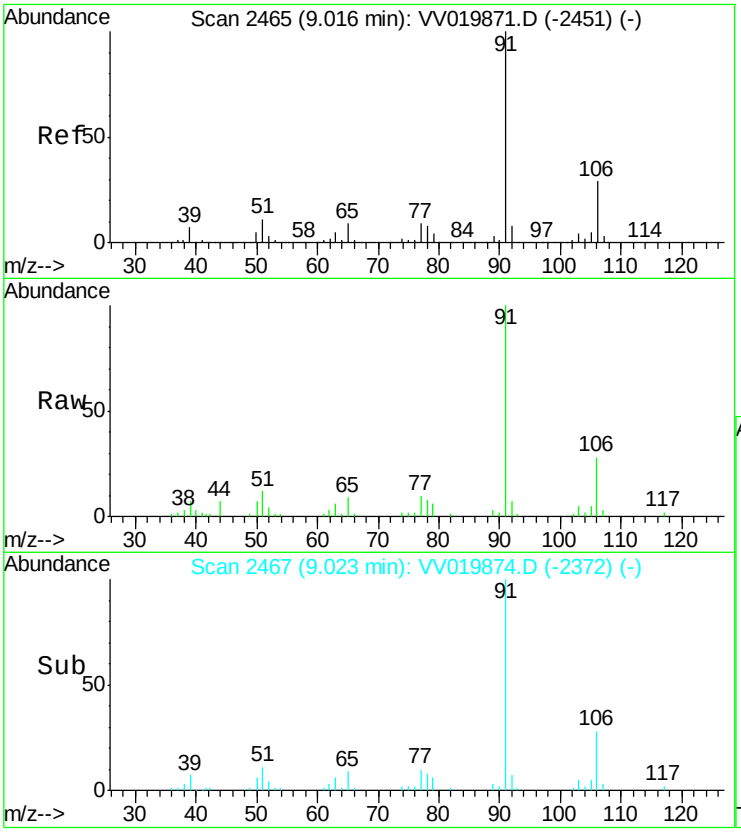


#51
Chlorobenzene
Concen: 0.202 ug/L
RT: 8.89 min Scan# 2426
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:112 Resp: 11326

Ion	Ratio	Lower	Upper
112	100		
114	32.5	21.8	40.6
77	72.3	51.0	76.4

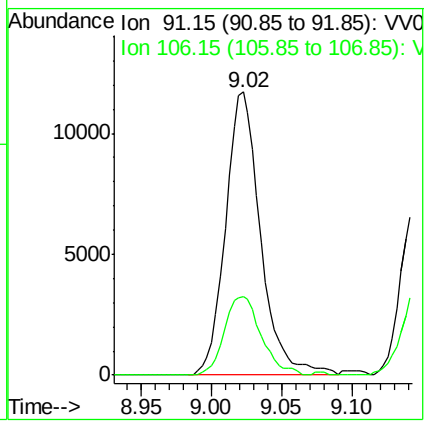




#52
Ethylbenzene
Concen: 0.206 ug/L
RT: 9.02 min Scan# 2467
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 91 Resp: 20267

Ion	Ratio	Lower	Upper
91	100		
106	27.7	20.9	38.7



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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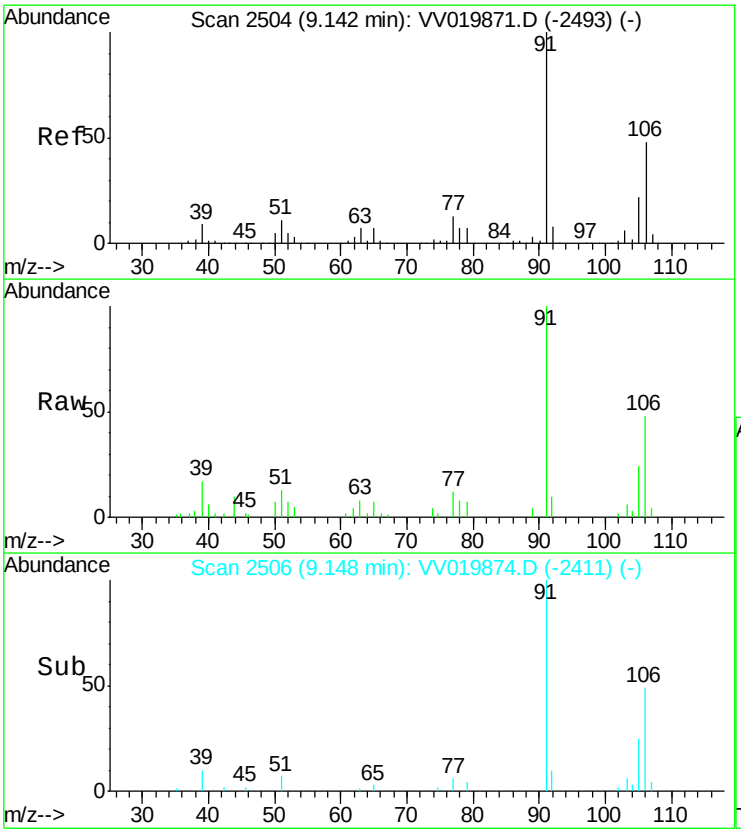
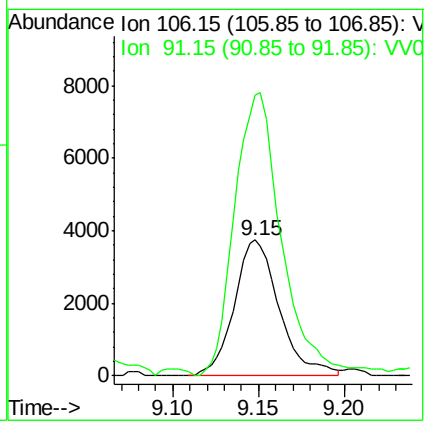
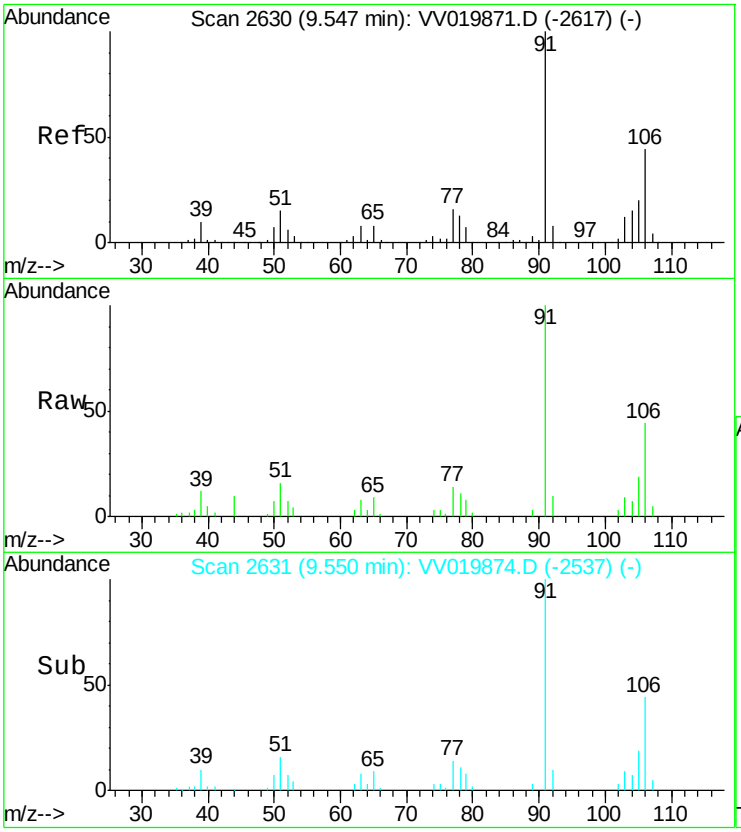


#53
m,p-xylene
Concen: 0.189 ug/L
RT: 9.15 min Scan# 2506
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:106 Resp: 6786

Ion	Ratio	Lower	Upper
106	100		
91	206.3	147.1	273.1

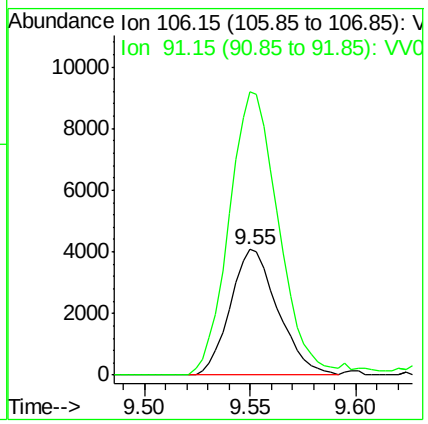




#54
o-xylene
Concen: 0.185 ug/L
RT: 9.55 min Scan# 2631
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:106 Resp: 6386

Ion	Ratio	Lower	Upper
106	100		
91	224.9	155.8	289.3



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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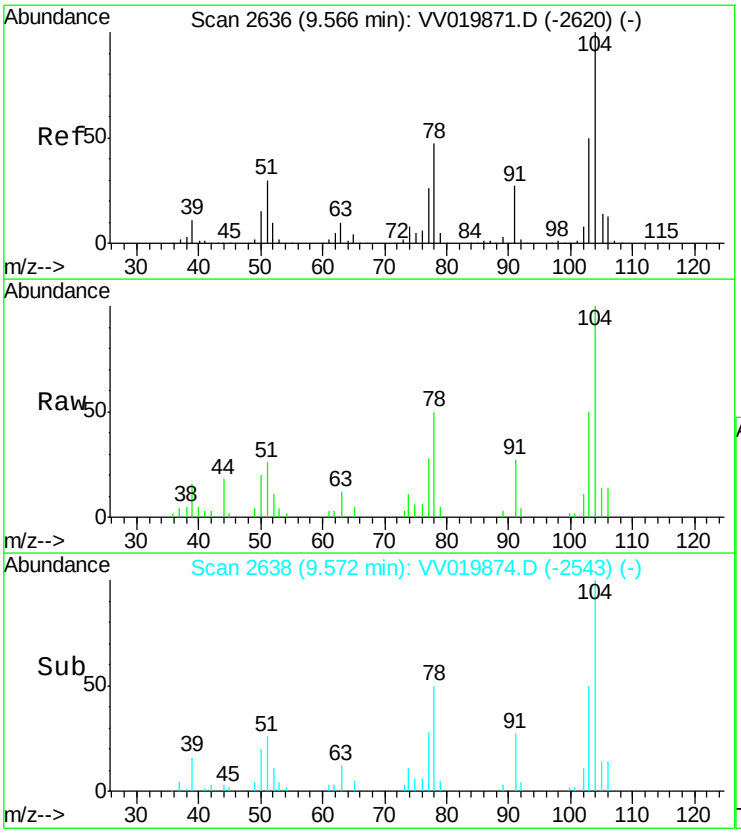
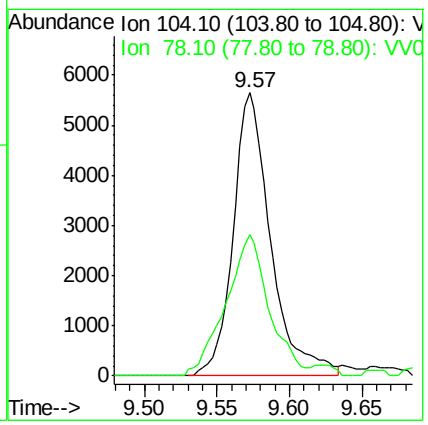
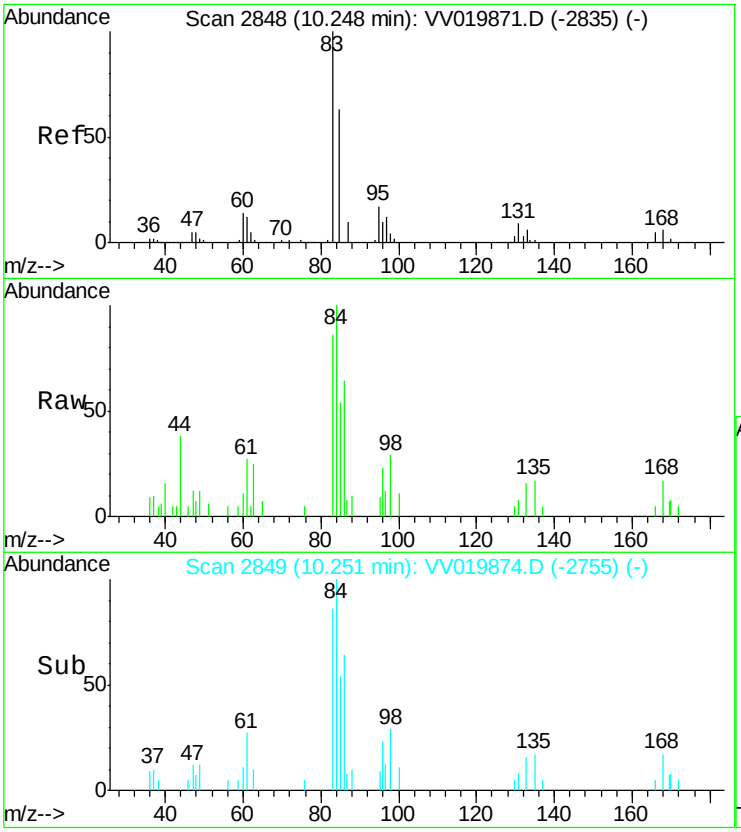


#55
Styrene
Concen: 0.174 ug/L
RT: 9.57 min Scan# 2638
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:104 Resp: 10146

Ion	Ratio	Lower	Upper
104	100		
78	49.7	33.7	62.7

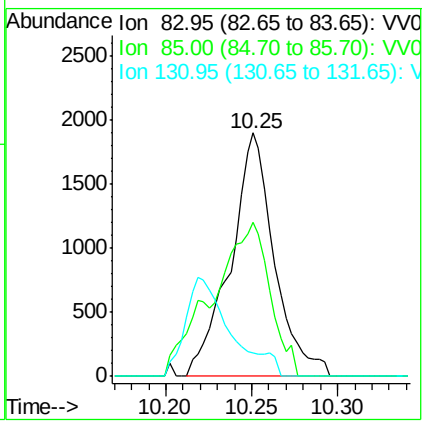




#57
1,1,2,2-Tetrachloroethane
Concen: 0.225 ug/L
RT: 10.25 min Scan# 2849
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 83 Resp: 3371

Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.3	82.3
131	9.6	7.4	11.2



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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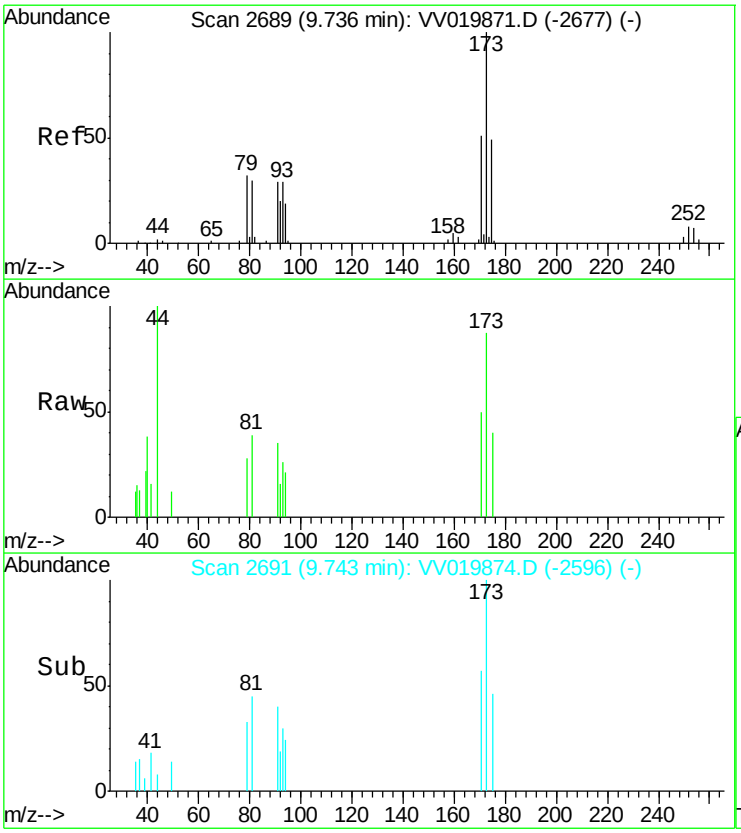
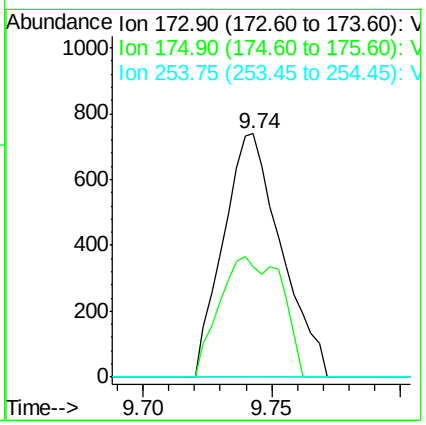
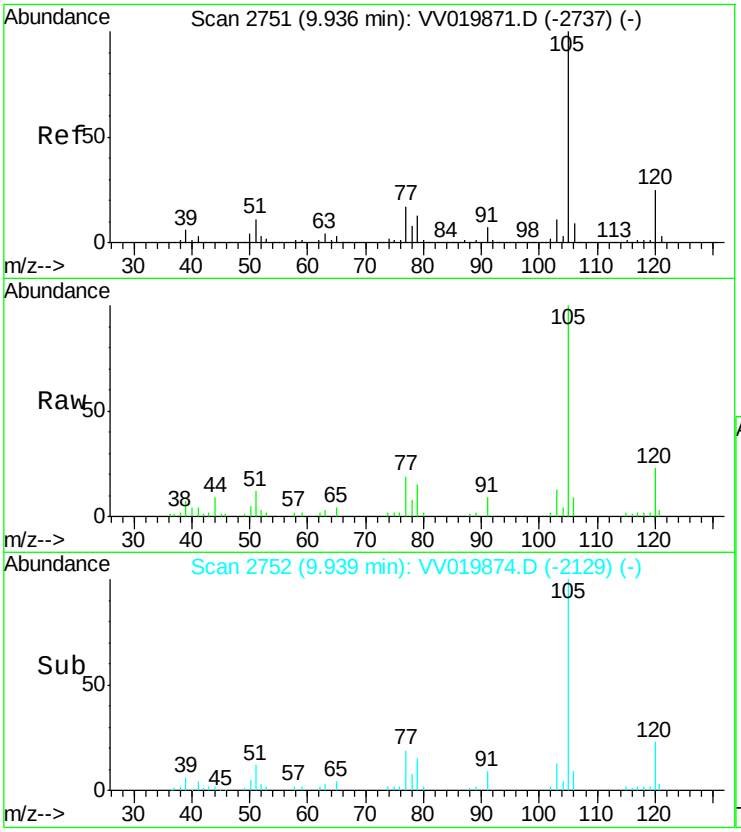


#59
Bromoform
Concen: 0.172 ug/L
RT: 9.74 min Scan# 2691
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:173 Resp: 1153

Ion	Ratio	Lower	Upper
173	100		
175	53.3	38.3	57.5
254	0.0	6.4	9.6#

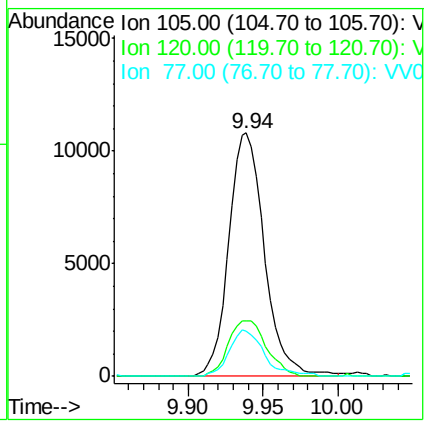




#60
Isopropylbenzene
Concen: 0.200 ug/L
RT: 9.94 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:105 Resp: 17950

Ion	Ratio	Lower	Upper
105	100		
120	24.4	20.4	30.6
77	18.7	13.7	20.5



Instrument :
MSVOA_V
ClientSampleId :
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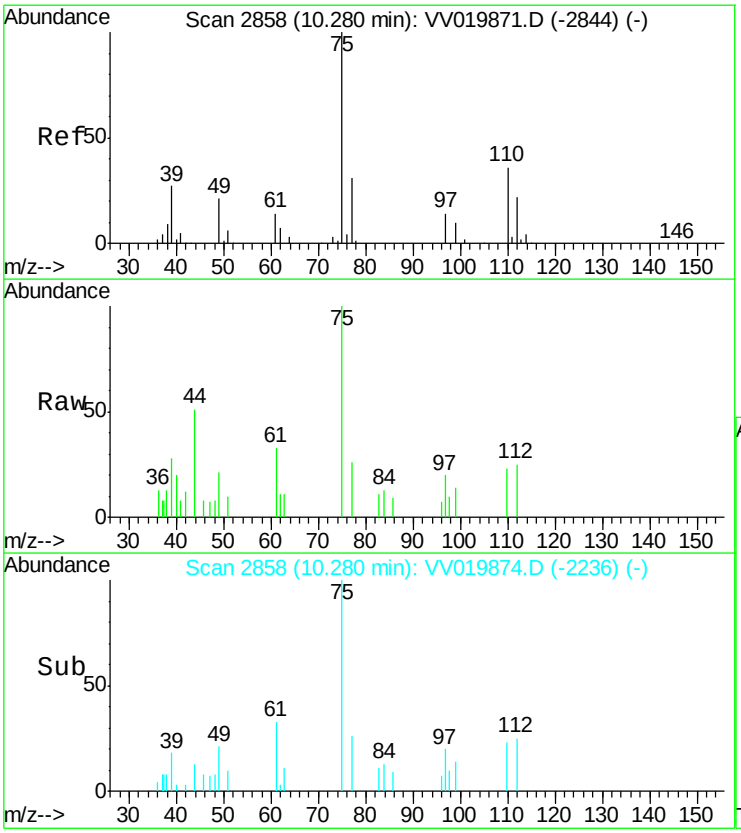
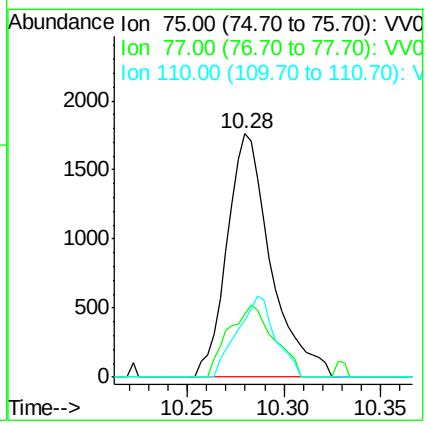
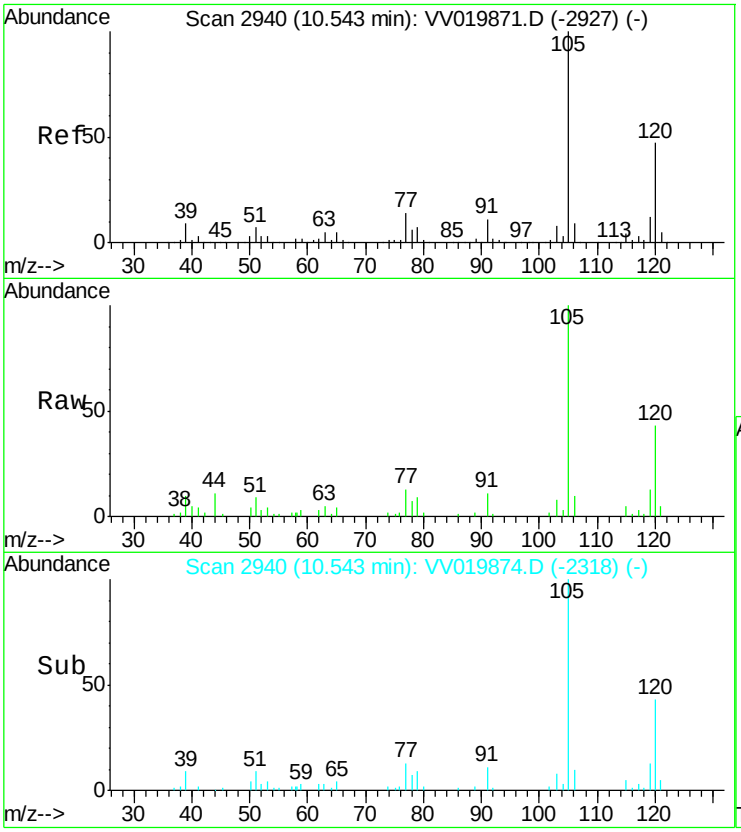


#61
1,2,3-Trichloropropane
Concen: 0.233 ug/L
RT: 10.28 min Scan# 2858
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 75 Resp: 2775

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.6	38.4
110	28.9	30.5	45.7#

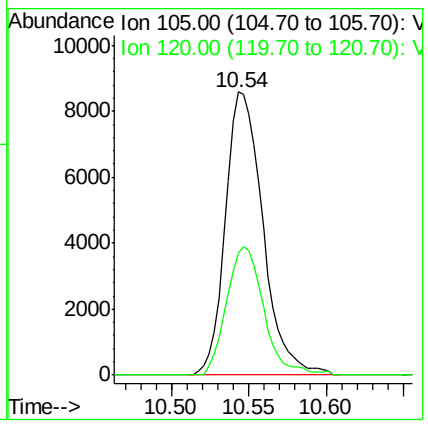




#62
1,3,5-Trimethylbenzene
Concen: 0.194 ug/L
RT: 10.54 min Scan# 2940
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:105 Resp: 14406

Ion	Ratio	Lower	Upper
105	100		
120	45.1	37.8	56.6



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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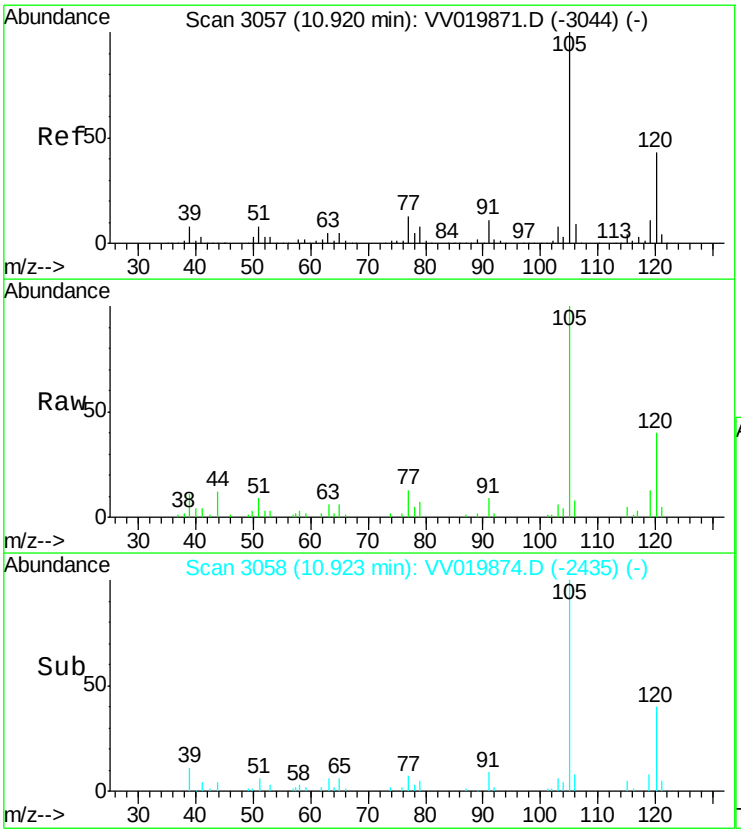
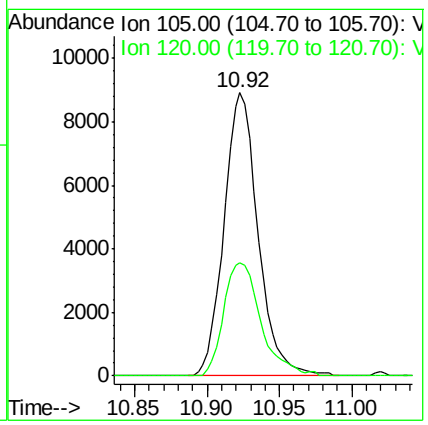
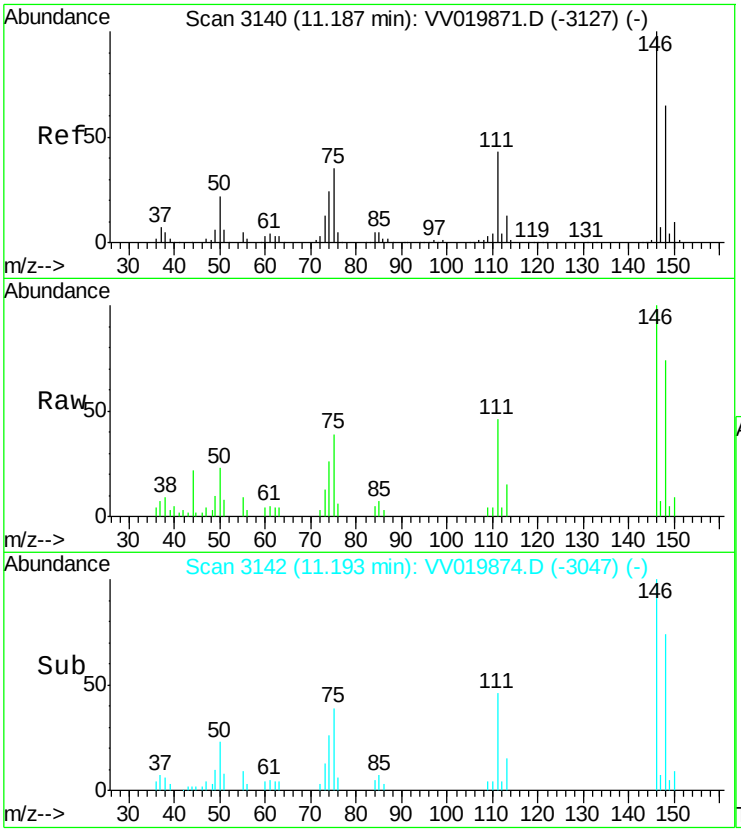


#63
1,2,4-Trimethylbenzene
Concen: 0.192 ug/L
RT: 10.92 min Scan# 3058
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:105 Resp: 14471

Ion	Ratio	Lower	Upper
105	100		
120	43.6	34.9	52.3

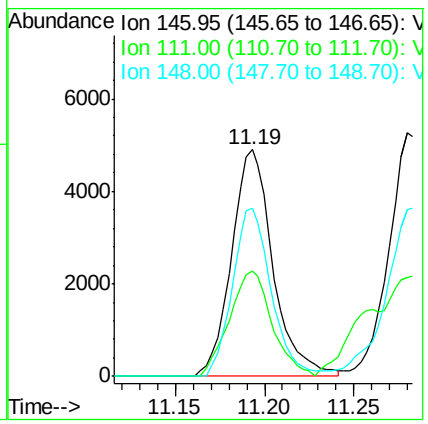




#64
1,3-Dichlorobenzene
Concen: 0.202 ug/L
RT: 11.19 min Scan# 3142
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:146 Resp: 7944

Ion	Ratio	Lower	Upper
146	100		
111	46.4	30.4	56.5
148	74.3	45.8	85.2



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
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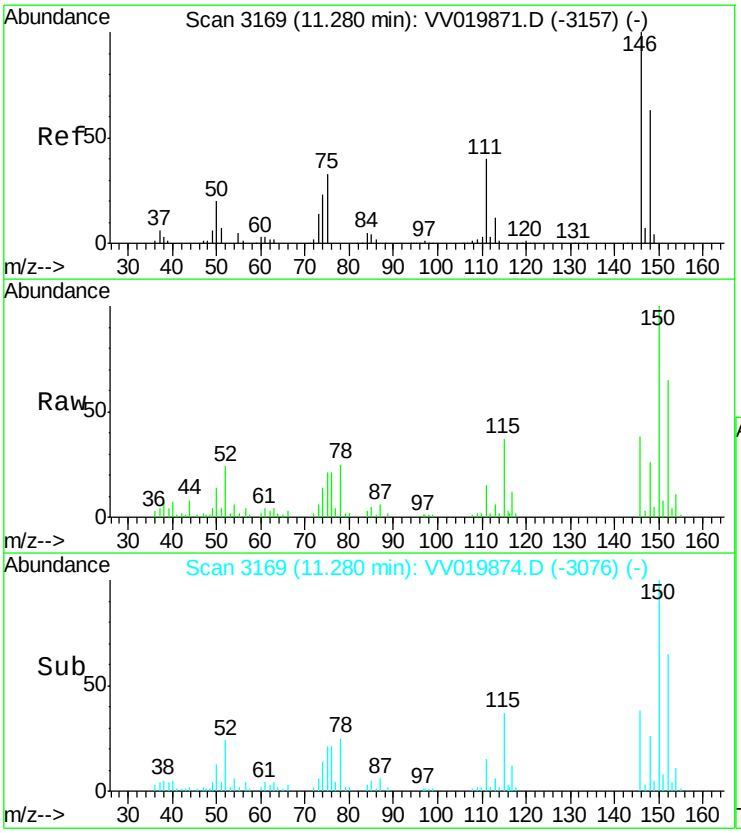
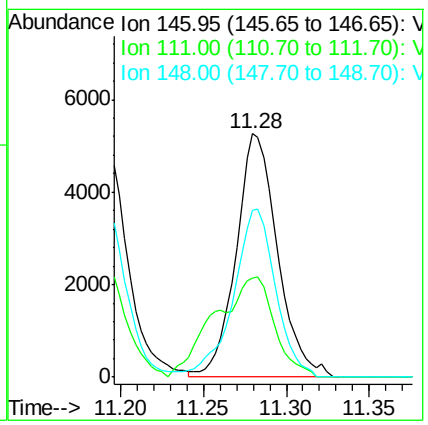
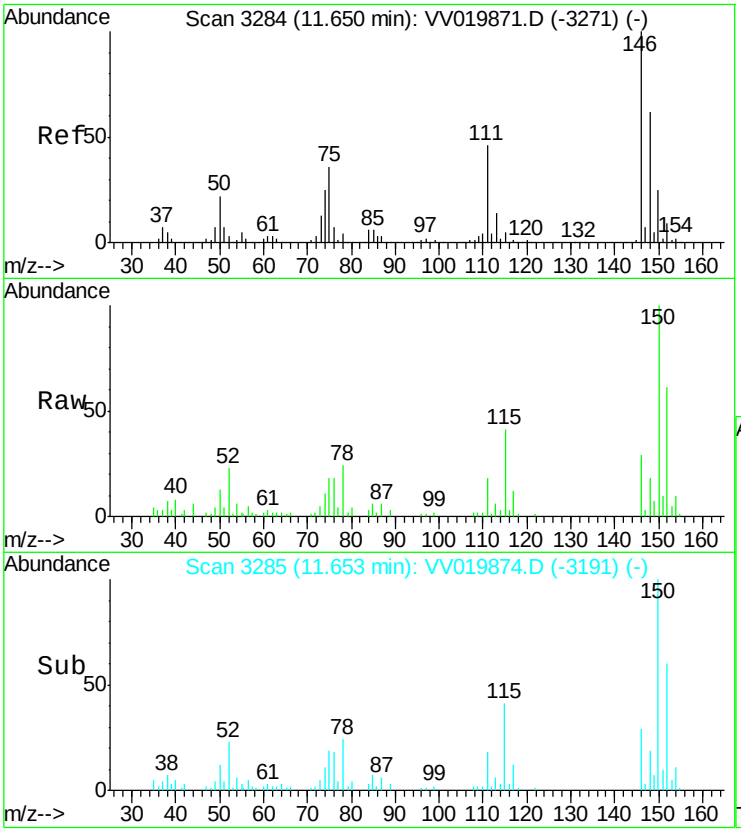


#65
1,4-Dichlorobenzene
Concen: 0.232 ug/L
RT: 11.28 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:146 Resp: 9170

Ion	Ratio	Lower	Upper
146	100		
111	40.7	29.7	55.1
148	68.4	45.1	83.7

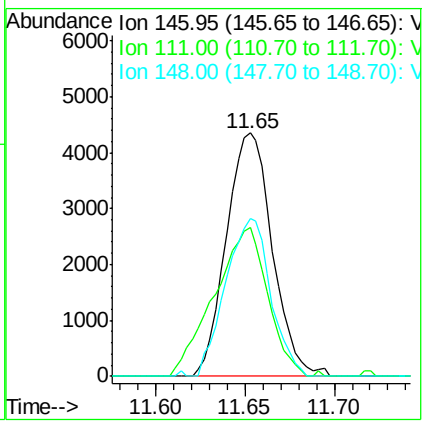




#67
1,2-Dichlorobenzene
Concen: 0.216 ug/L
RT: 11.65 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:146 Resp: 7830

Ion	Ratio	Lower	Upper
146	100		
111	61.4	37.7	56.5#
148	64.7	50.6	75.8



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

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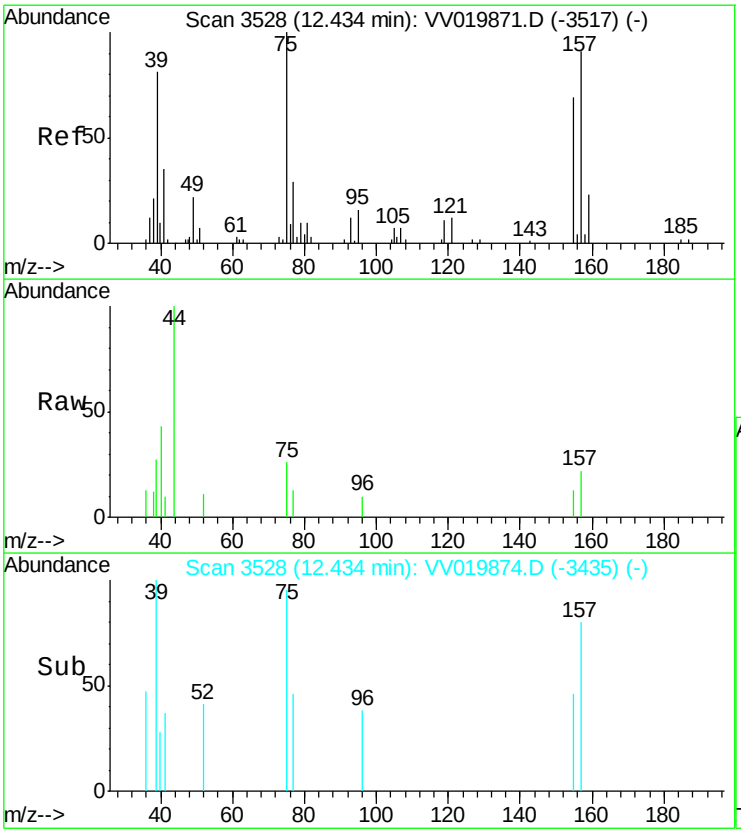
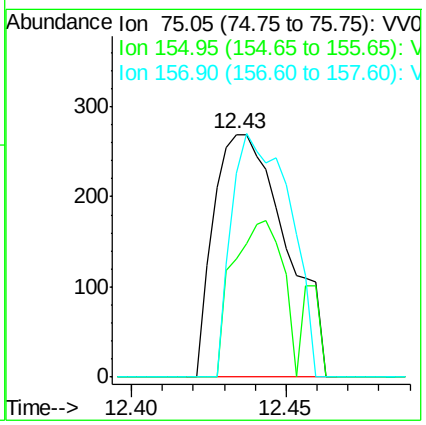
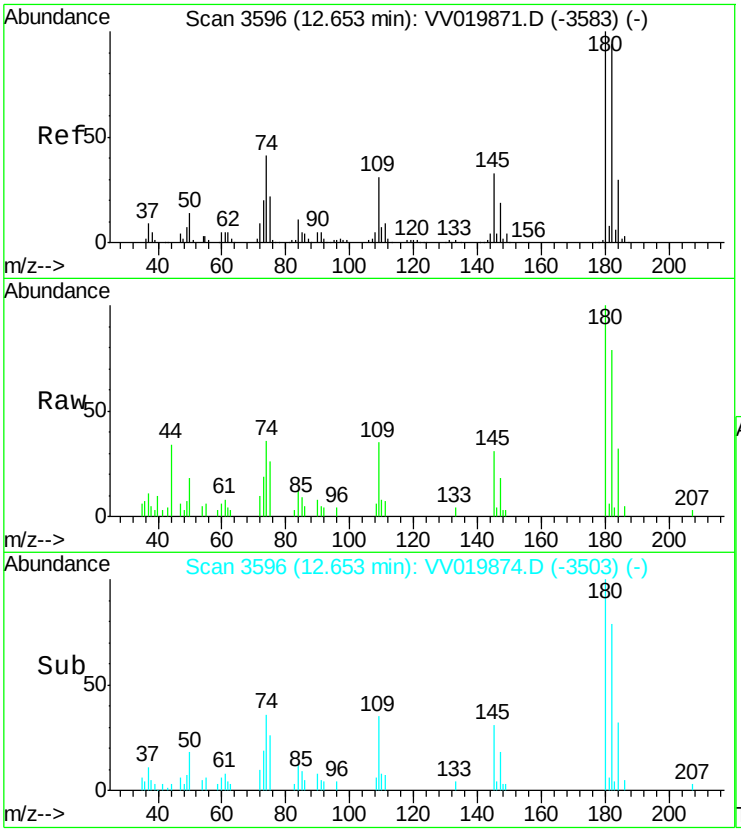


#68
1,2-Dibromo-3-chloropropane
Concen: 0.177 ug/L
RT: 12.43 min Scan# 3528
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion: 75 Resp: 436

Ion	Ratio	Lower	Upper
75	100		
155	48.7	56.5	84.7#
157	84.0	74.2	111.2

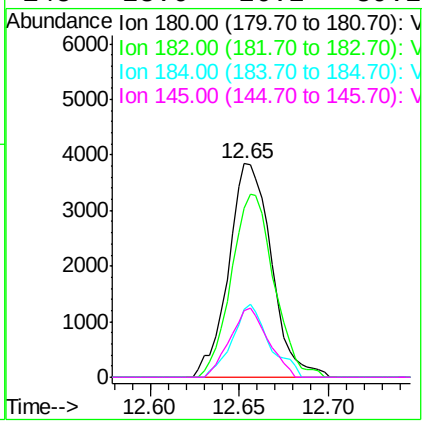




#69
1,3,5-Trichlorobenzene
Concen: 0.221 ug/L
RT: 12.65 min Scan# 3596
Delta R.T. -0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

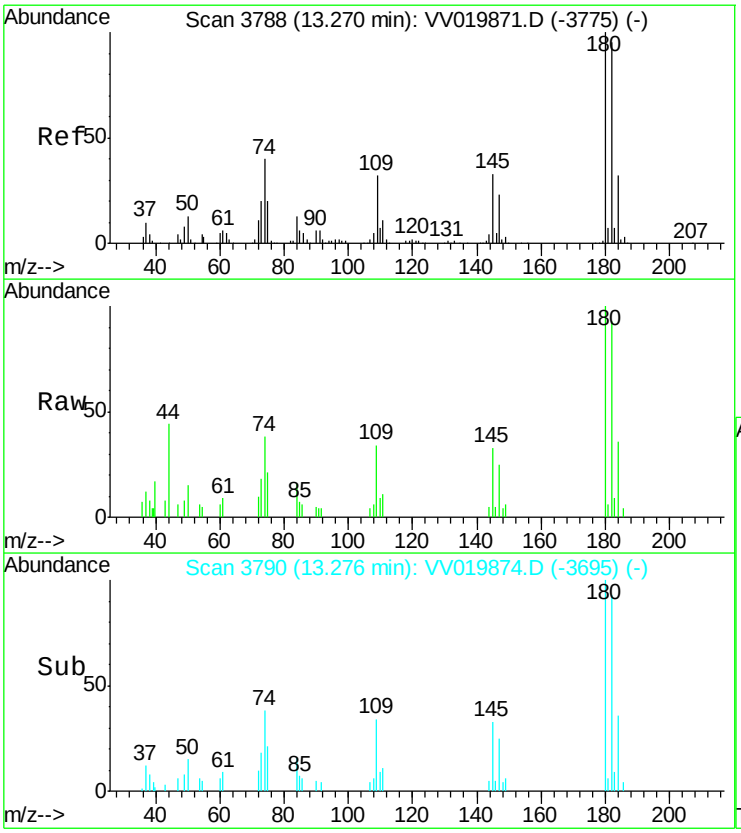
Tgt Ion:180 Resp: 6451

Ion	Ratio	Lower	Upper
180	100		
182	85.0	75.9	113.9
184	29.1	23.5	35.3
145	28.6	26.2	39.2



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

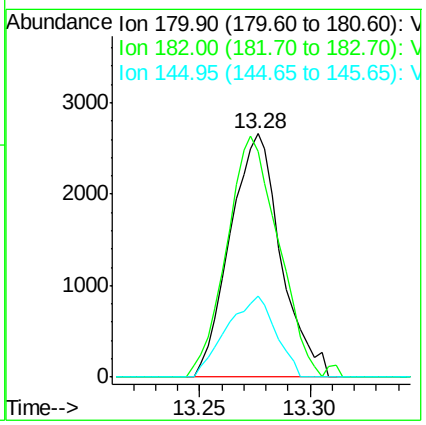
Manual Integrations APPROVED
MMDadoda
1/4/2021 12:17:26 PM

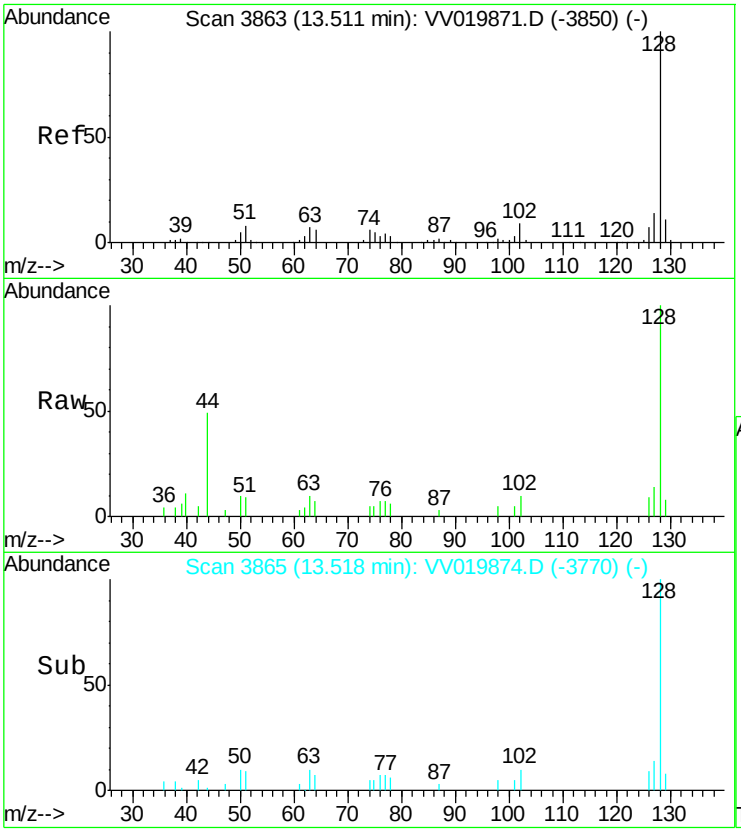


#70
1,2,4-trichlorobenzene
Concen: 0.179 ug/L
RT: 13.28 min Scan# 3790
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:180 Resp: 4252

Ion	Ratio	Lower	Upper
180	100		
182	100.3	75.9	113.9
145	32.0	26.6	39.8

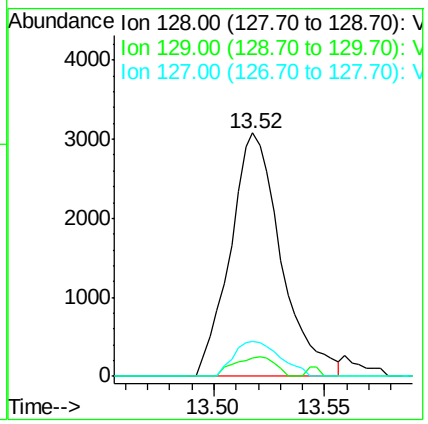




#71
Naphthalene
Concen: 0.137 ug/L
RT: 13.52 min Scan# 3865
Delta R.T. 0.01 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

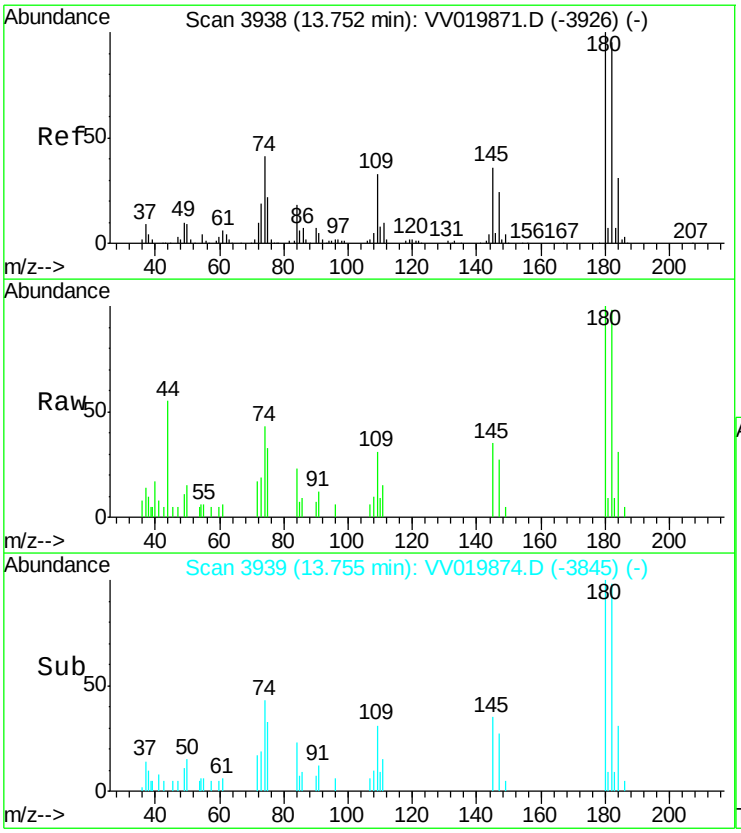
Tgt Ion:128 Resp: 4927

Ion	Ratio	Lower	Upper
128	100		
129	6.4	8.5	12.7#
127	13.2	10.2	15.4



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
MMDadoda
1/4/2021 12:17:26 PM



#72
1,2,3-Trichlorobenzene
Concen: 0.172 ug/L
RT: 13.76 min Scan# 3939
Delta R.T. 0.00 min
Lab File: VV019874.D
Acq: 30 Dec 2020 12:29

Tgt Ion:180 Resp: 3483

Ion	Ratio	Lower	Upper
180	100		
182	92.8	74.6	112.0
145	35.8	28.8	43.2