Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
Data File : VN066374.D
Acq On : 29 Mar 2021 14:14
Operator : JC/MD
Sample : M1458-09 0.5PPB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT1-2021

Quant Time: Mar 30 02:59:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 02:59:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.582	168	241415	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.512	114	380080	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.347	117	331145	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	130164	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.949	65	129575	40.38	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 80.76%				
35) Dibromofluoromethane	7.507	113	100512	39.89	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 79.78%				
50) Toluene-d8	10.028	98	360270	37.70	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 75.40%#				
62) 4-Bromofluorobenzene	12.345	95	109274	32.92	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 65.84%#				
Target Compounds							Qvalue
3) Chloromethane	2.017	50	4165	1.17	ug/l		93
4) Vinyl Chloride	2.145	62	883	0.25	ug/l		92
5) Bromomethane	2.513	94	1181	0.51	ug/l	#	41
11) Tert butyl alcohol	4.707	59	157	0.32	ug/l	#	1
12) 1,1-Dichloroethene	3.655	96	670	0.24	ug/l	#	3
13) Acrolein	3.532	56	5604	17.65	ug/l		98
16) Acetone	3.728	43	1809	1.04	ug/l	#	75
17) Carbon Disulfide	3.961	76	2697	0.33	ug/l	#	61
20) Methylene Chloride	4.441	84	689	0.21	ug/l	#	23
21) trans-1,2-Dichloroethene	4.929	96	577	0.23	ug/l	#	27
23) Vinyl Acetate	5.806	43	4498	0.62	ug/l	#	75
25) 2-Butanone	6.742	43	1045	0.55	ug/l		98
29) Tetrahydrofuran	7.123	42	1169	0.95	ug/l	#	73
31) Cyclohexane	7.582	56	5876	1.32	ug/l	#	1
36) 1,1-Dichloropropene	7.587	75	17047	4.77	ug/l	#	49
38) Carbon Tetrachloride	7.582	117	21507	5.99	ug/l	#	17
42) 1,2-Dichloroethane	8.043	62	961	0.25	ug/l	#	76
44) Trichloroethene	8.756	130	784	0.28	ug/l		68
48) Methyl methacrylate	9.127	41	661	0.21	ug/l	#	54
49) 1,4-Dioxane	9.148	88	343	8.54	ug/l	#	33
51) 4-Methyl-2-Pentanone	9.923	43	3198	0.81	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.636	63	82	0.22	ug/l	#	49
59) 2-Hexanone	10.696	43	1431	0.52	ug/l		88
76) 1,2,3-Trichloropropane	12.345	75	58668	20.54	ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.345	75	58668	61.77	ug/l	#	12
83) tert-Butylbenzene	12.940	119	1392	0.20	ug/l	#	88
92) 1,2-Dibromo-3-Chloropr...	14.228	75	150	0.25	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.871	180	847	0.34	ug/l	#	24

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

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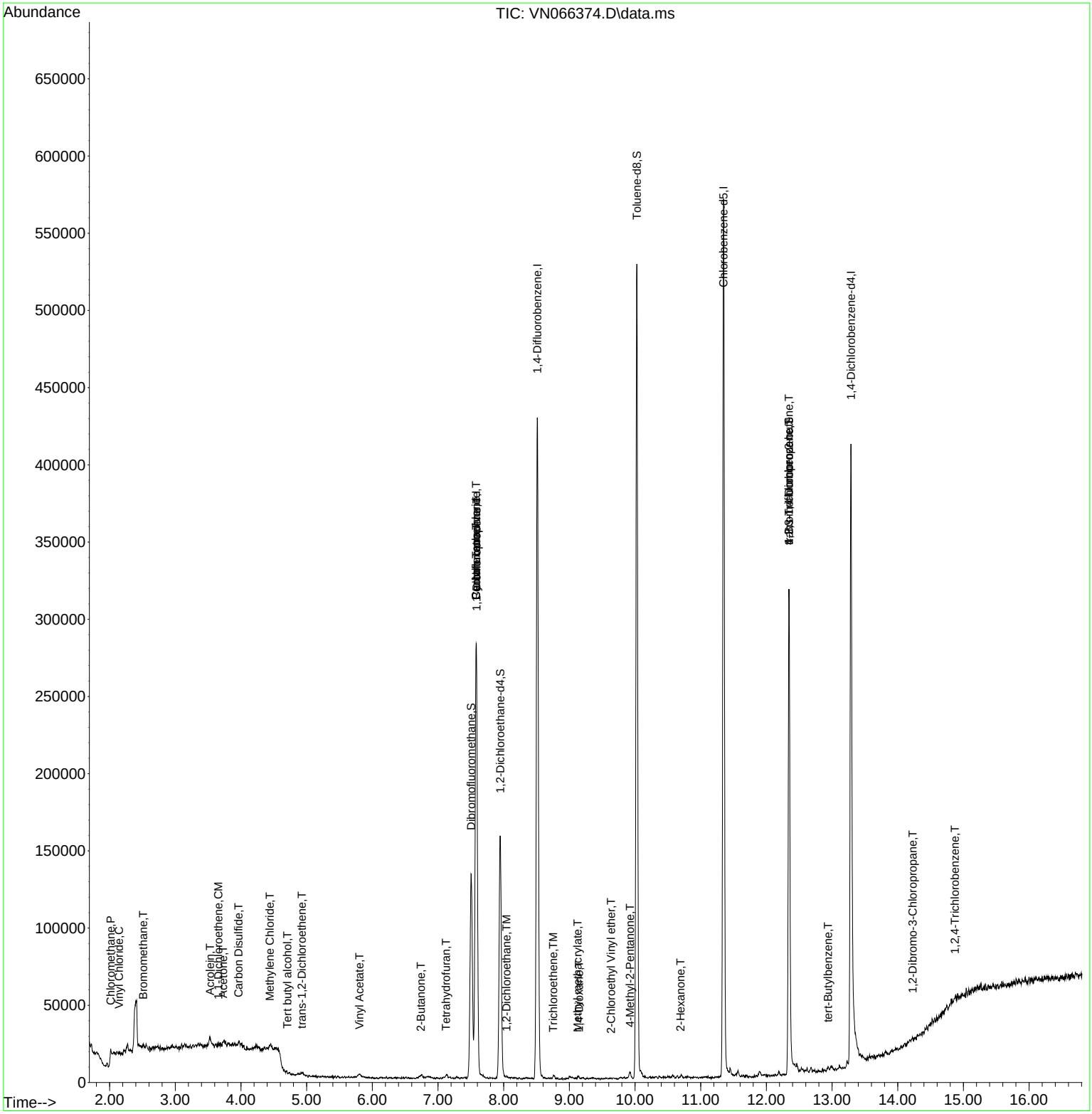
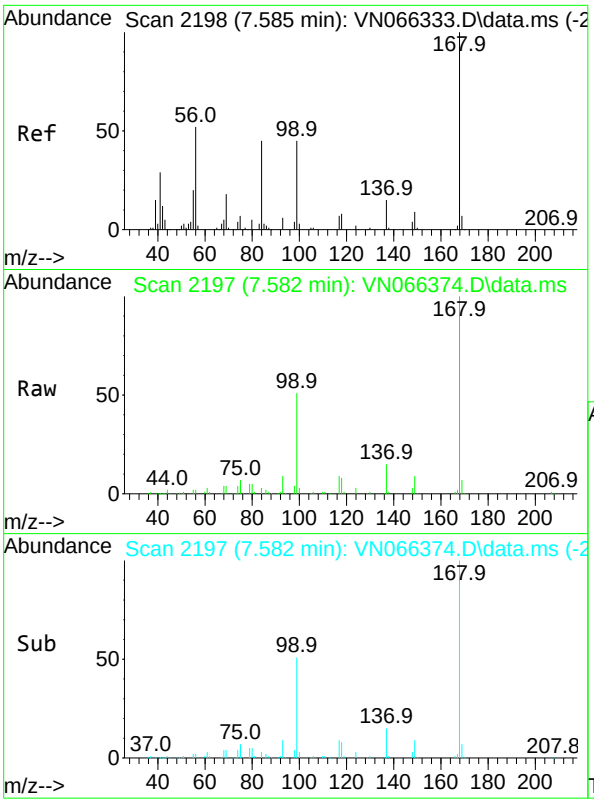
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 02:59:02 2021
Response via : Initial Calibration

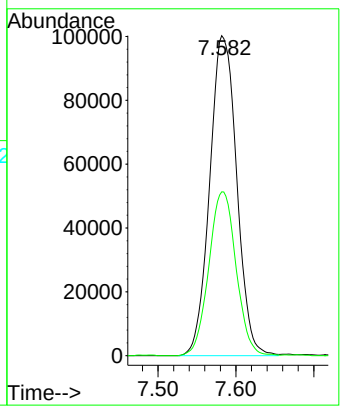




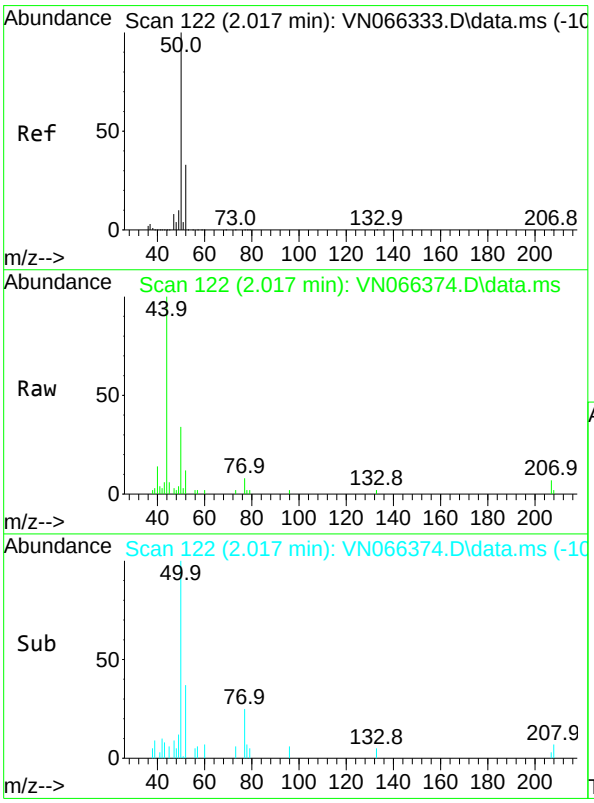
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion:168 Resp: 241415

Ion	Ratio	Lower	Upper
168	100		
99	51.2	41.1	61.7



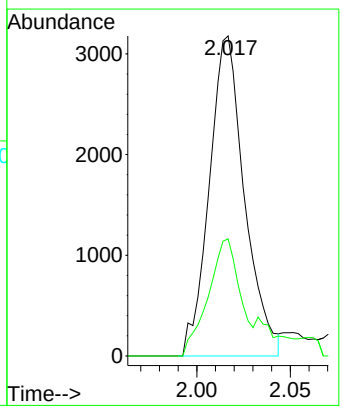
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

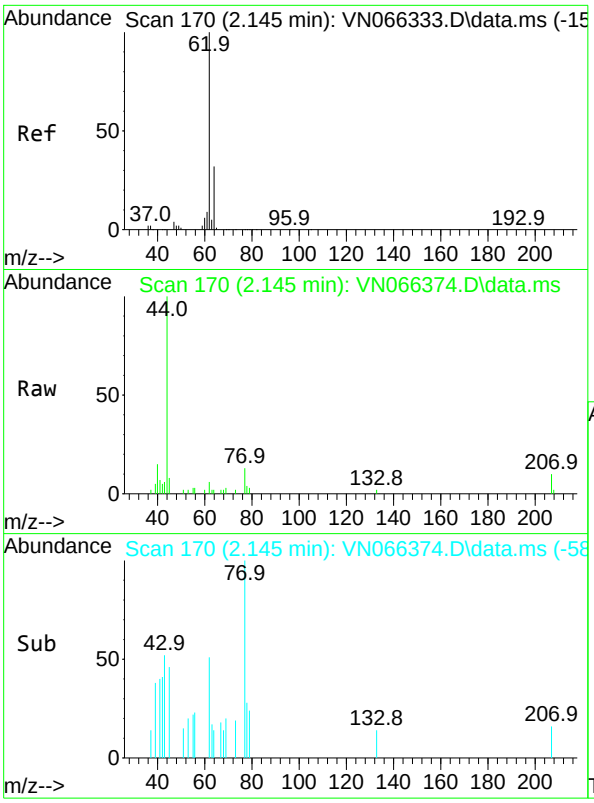


#3
Chloromethane
Concen: 1.17 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 50 Resp: 4165

Ion	Ratio	Lower	Upper
50	100		
52	36.6	26.2	39.2

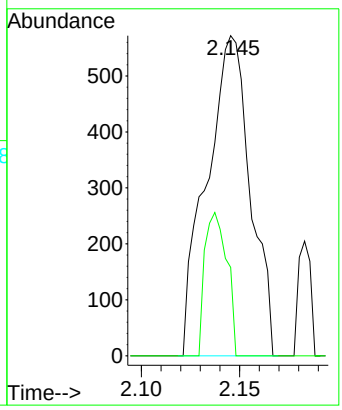




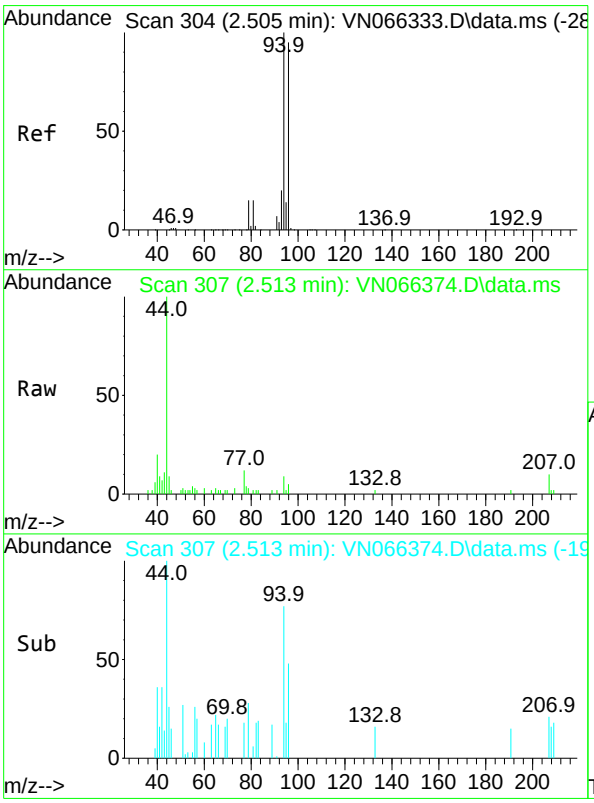
#4
Vinyl Chloride
Concen: 0.25 ug/l
RT: 2.145 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 62 Resp: 883

Ion	Ratio	Lower	Upper
62	100		
64	27.6	25.6	38.4



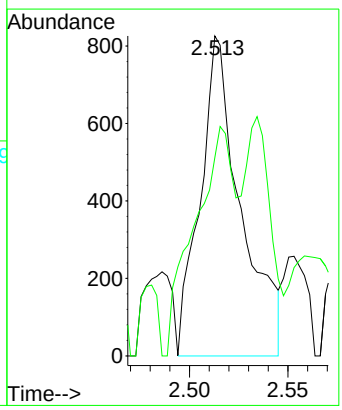
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021



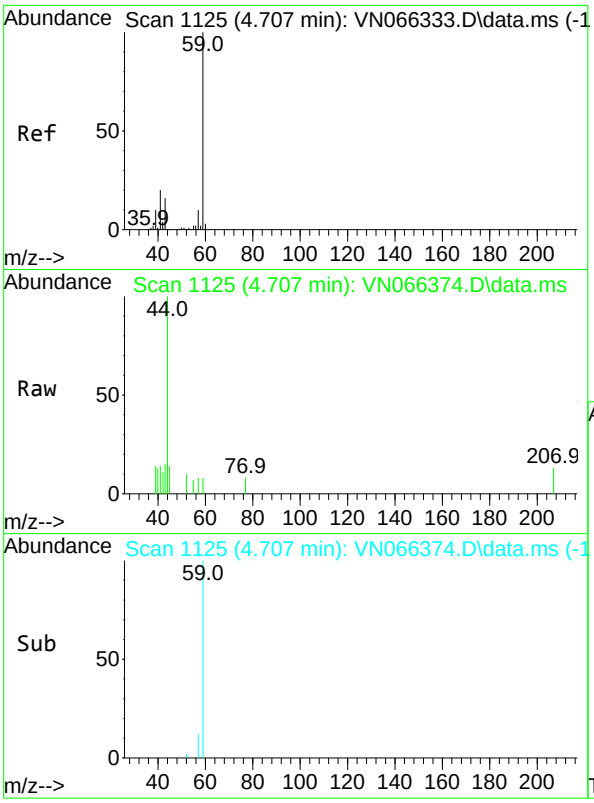
#5
Bromomethane
Concen: 0.51 ug/l
RT: 2.513 min Scan# 307
Delta R.T. 0.008 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 94 Resp: 1181

Ion	Ratio	Lower	Upper
94	100		
96	37.9	75.8	113.6#



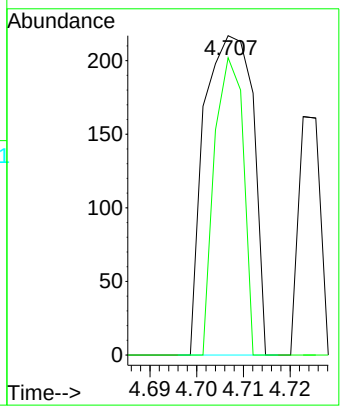
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

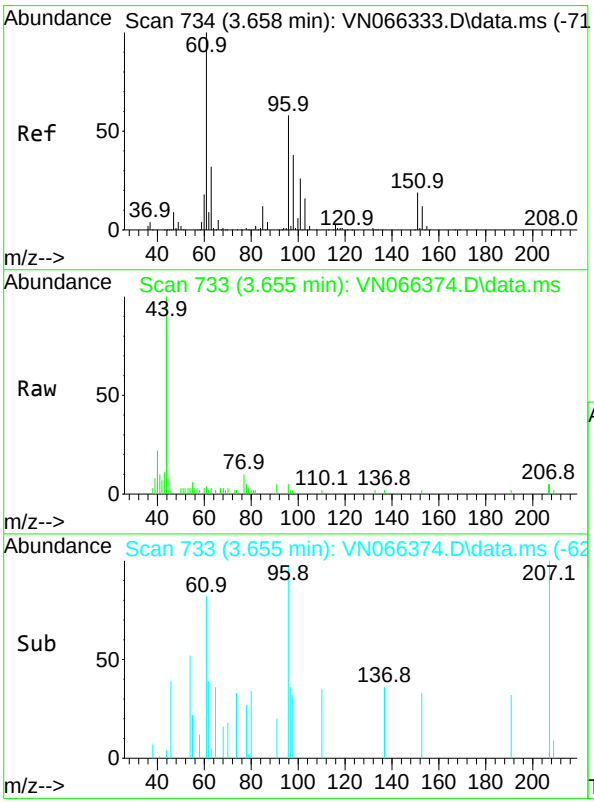


#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 4.707 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 59 Resp: 157

Ion	Ratio	Lower	Upper
59	100		
57	54.8	4.1	6.1#

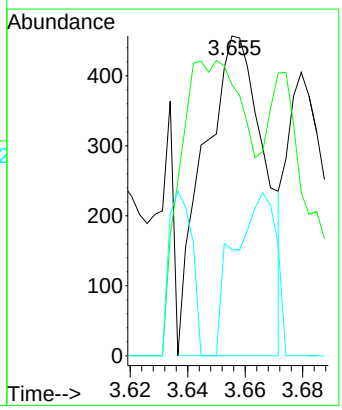




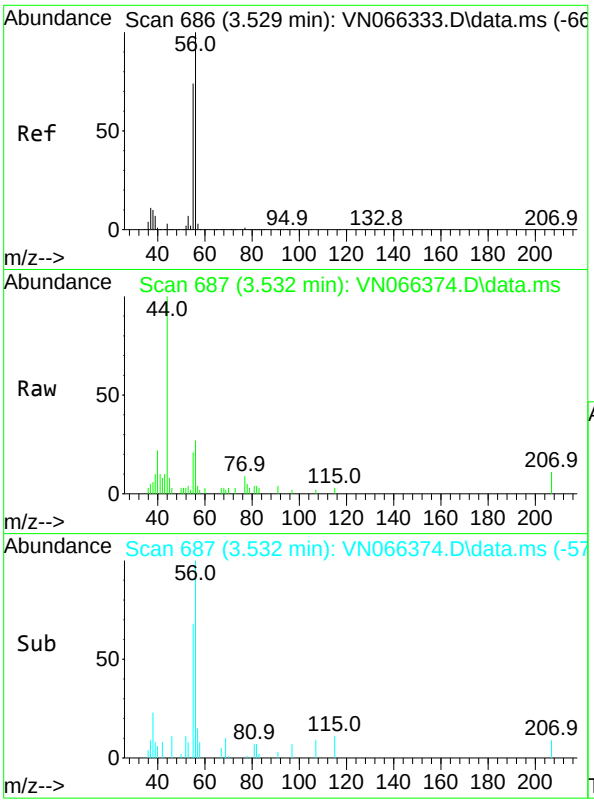
#12
1,1-Dichloroethene
Concen: 0.24 ug/l
RT: 3.655 min Scan# 733
Delta R.T. -0.003 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 96 Resp: 670

Ion	Ratio	Lower	Upper
96	100		
61	30.0	137.0	205.4#
98	0.0	51.5	77.3#



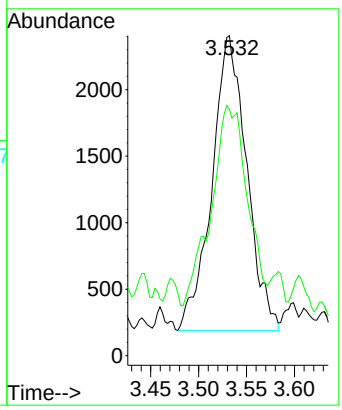
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

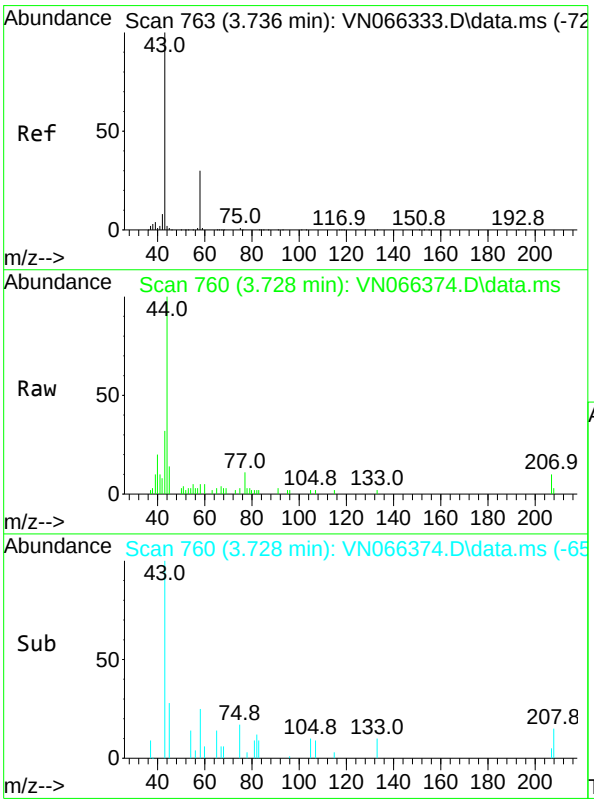


#13
Acrolein
Concen: 17.65 ug/l
RT: 3.532 min Scan# 687
Delta R.T. 0.003 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 56 Resp: 5604

Ion	Ratio	Lower	Upper
56	100		
55	70.4	57.9	86.9

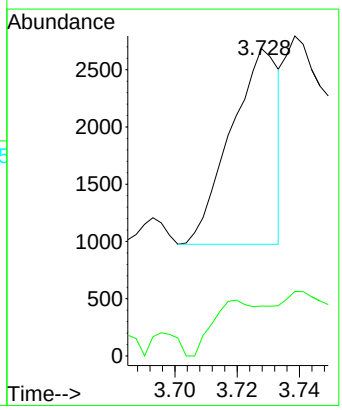




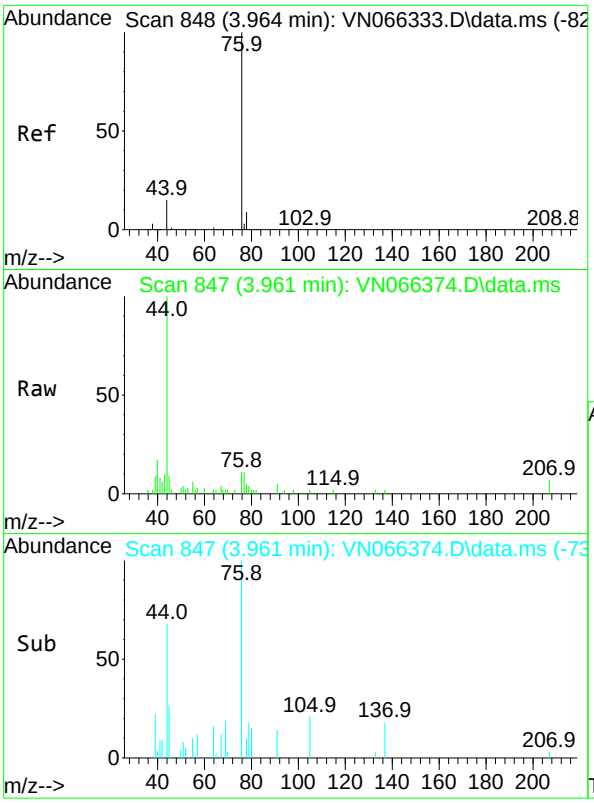
#16
Acetone
Concen: 1.04 ug/l
RT: 3.728 min Scan# 760
Delta R.T. -0.008 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 43 Resp: 1809

Ion	Ratio	Lower	Upper
43	100		
58	16.3	23.8	35.8#



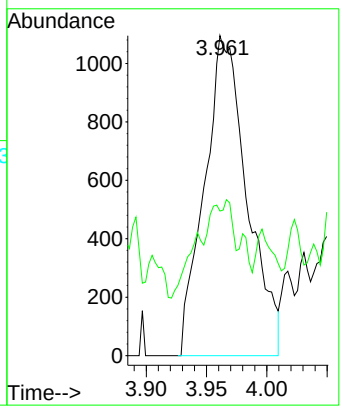
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

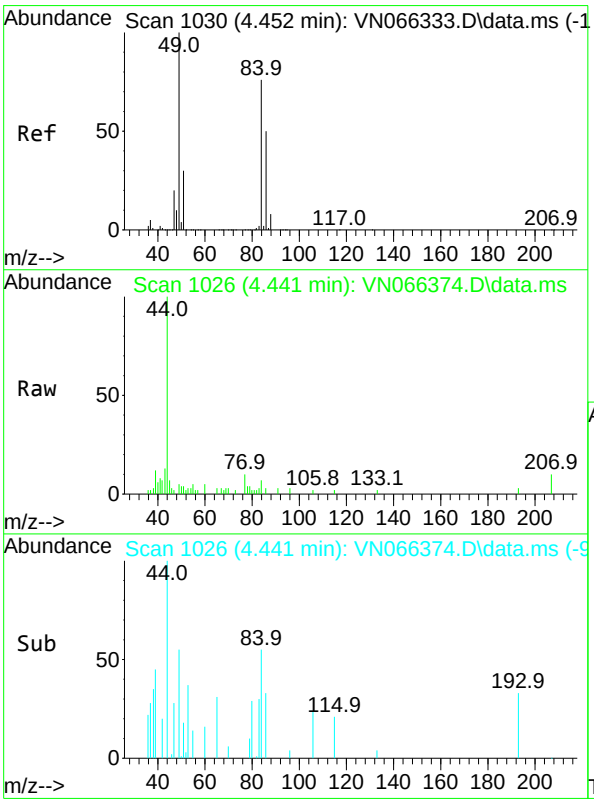


#17
Carbon Disulfide
Concen: 0.33 ug/l
RT: 3.961 min Scan# 847
Delta R.T. -0.003 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 76 Resp: 2697

Ion	Ratio	Lower	Upper
76	100		
78	23.3	7.4	11.0#

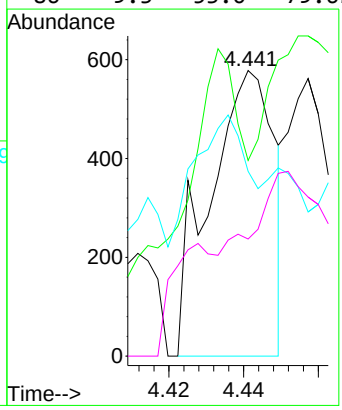




#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 4.441 min Scan# 1026
Delta R.T. -0.011 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 84 Resp: 689

Ion	Ratio	Lower	Upper
84	100		
49	23.0	105.0	157.6#
51	16.8	31.6	47.4#
86	9.3	53.0	79.6#



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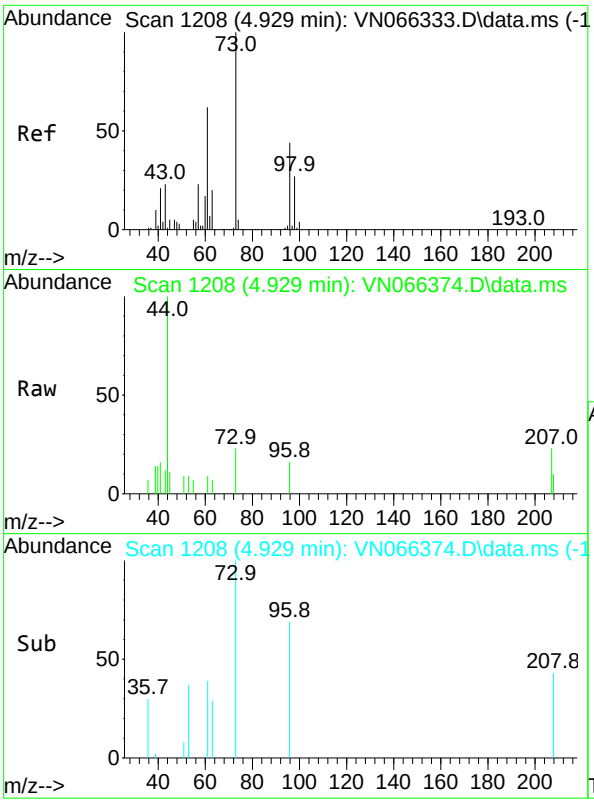
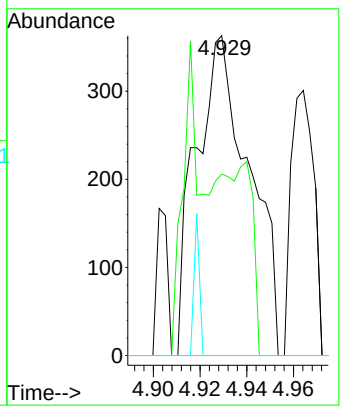
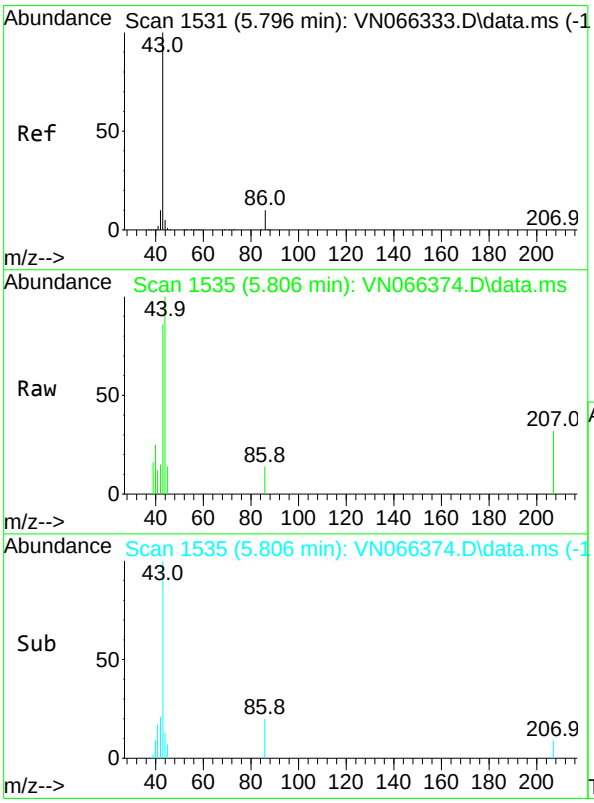


#21
trans-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 4.929 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 96 Resp: 577

Ion	Ratio	Lower	Upper
96	100		
61	56.7	113.7	170.5#
98	0.0	50.2	75.2#

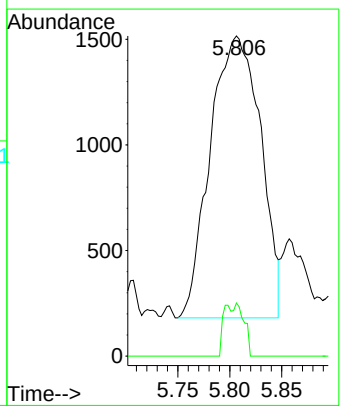




#23
Vinyl Acetate
Concen: 0.62 ug/l
RT: 5.806 min Scan# 1535
Delta R.T. 0.011 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 43 Resp: 4498

Ion	Ratio	Lower	Upper
43	100		
86	18.8	7.7	11.5#



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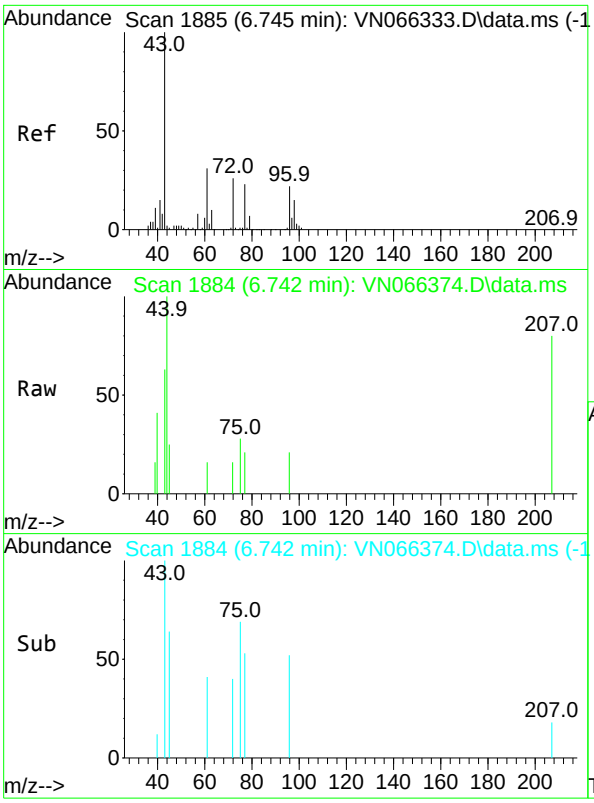
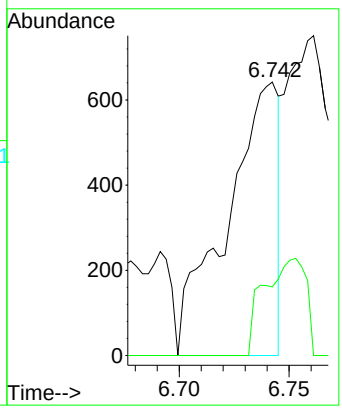
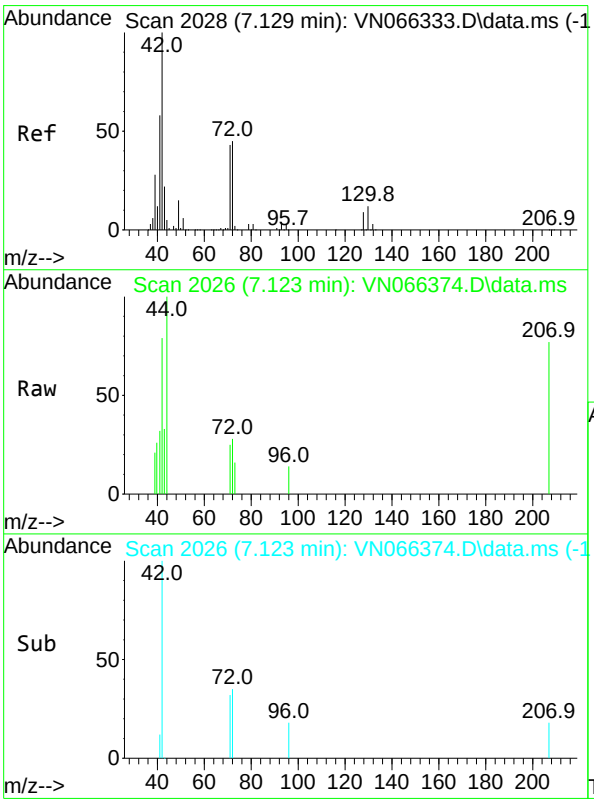


#25
2-Butanone
Concen: 0.55 ug/l
RT: 6.742 min Scan# 1884
Delta R.T. -0.003 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 43 Resp: 1045

Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.7	31.1

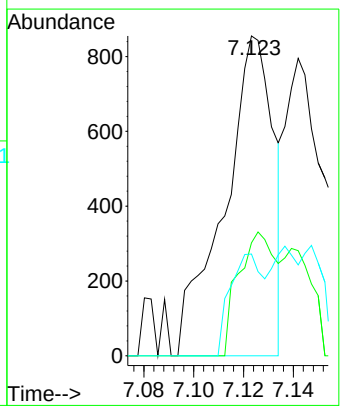




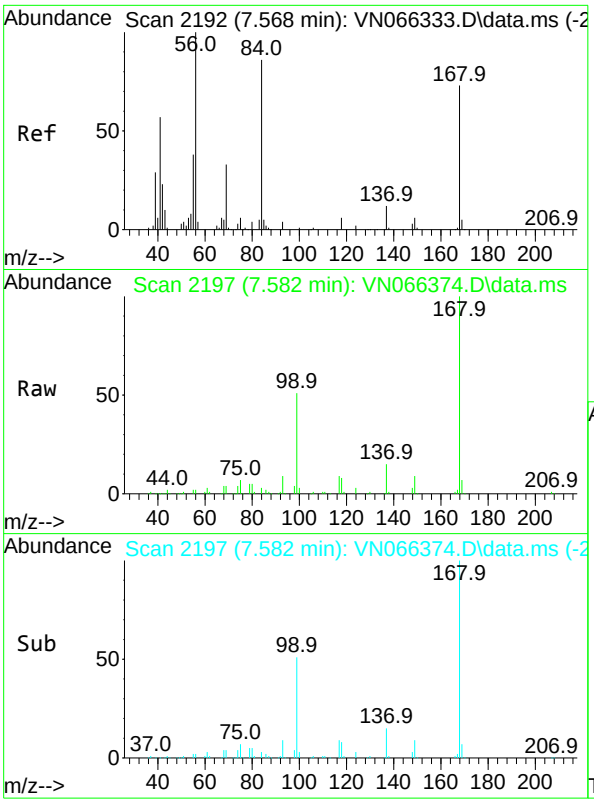
#29
Tetrahydrofuran
Concen: 0.95 ug/l
RT: 7.123 min Scan# 2026
Delta R.T. -0.005 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 42 Resp: 1169

Ion	Ratio	Lower	Upper
42	100		
72	29.1	35.2	52.8#
71	21.2	33.1	49.7#



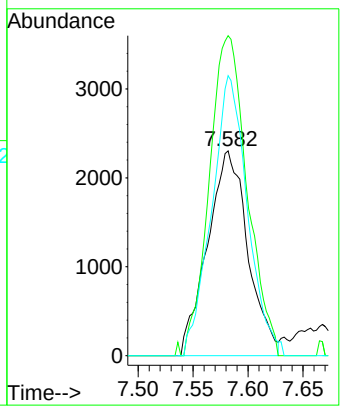
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

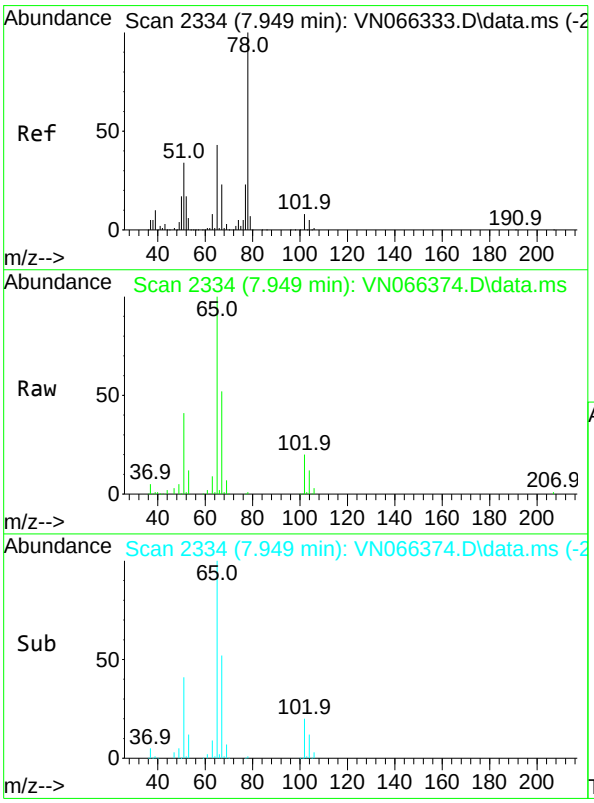


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 56 Resp: 5876

Ion	Ratio	Lower	Upper
56	100		
69	156.2	26.6	40.0#
84	136.7	68.7	103.1#

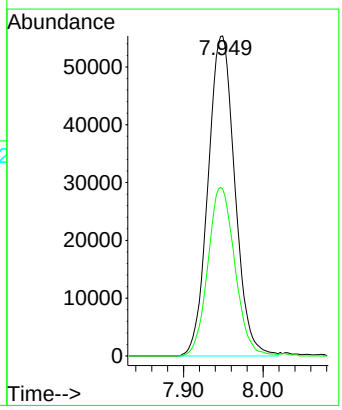


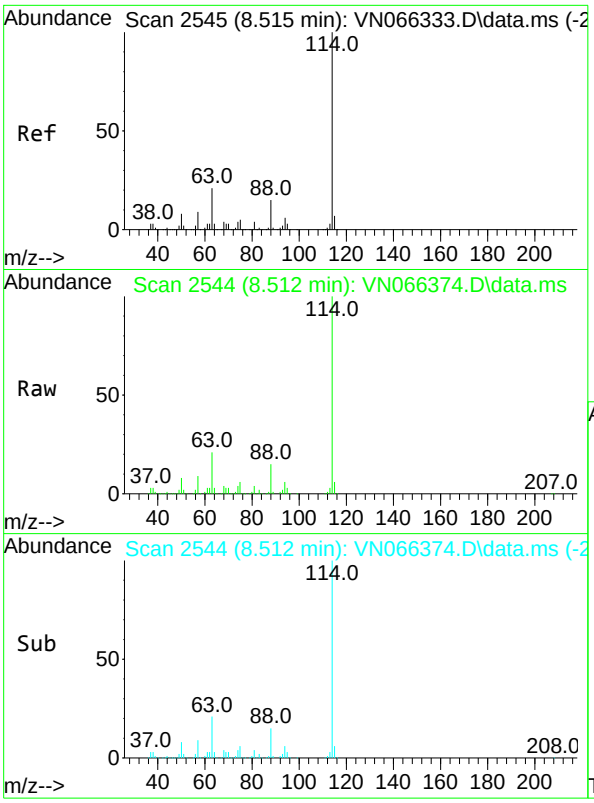


#33
1,2-Dichloroethane-d4
Concen: 40.38 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 65 Resp: 129575

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.2

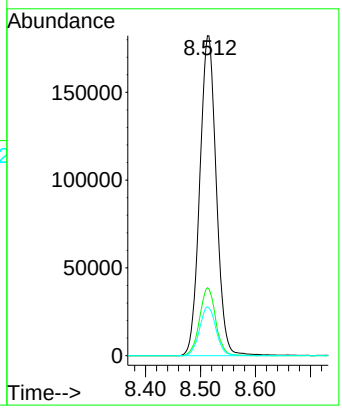




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion:114 Resp: 380080

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.0
88	15.3	0.0	31.0



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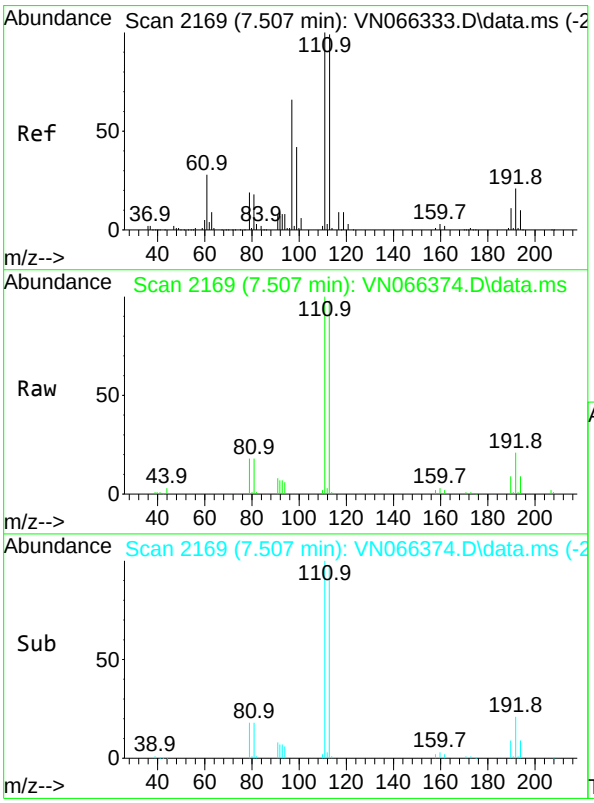
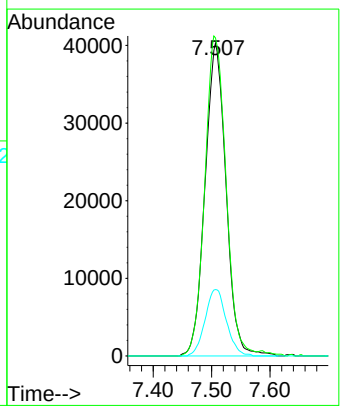


#35
Dibromofluoromethane
Concen: 39.89 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion:113 Resp: 100512

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	21.6	17.1	25.7



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MSVOA_N
ClientSampleId :
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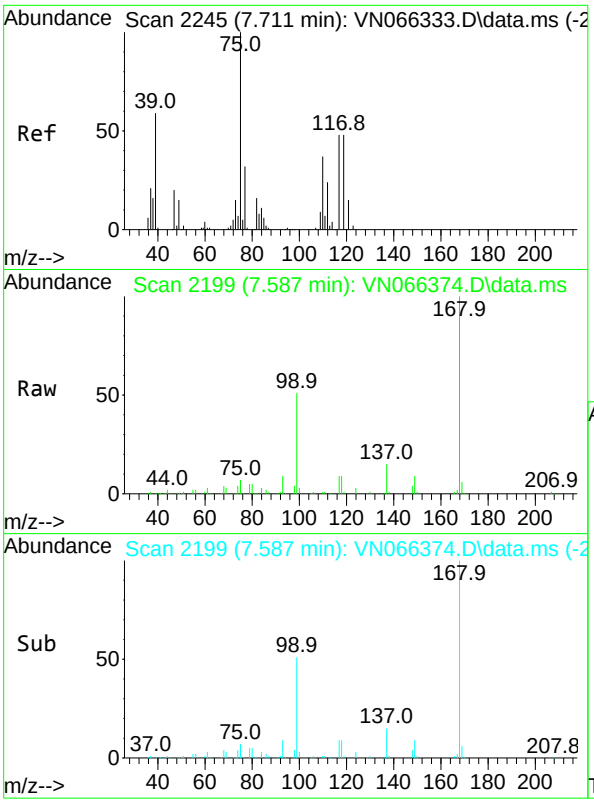
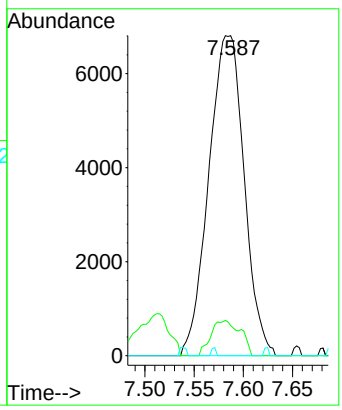
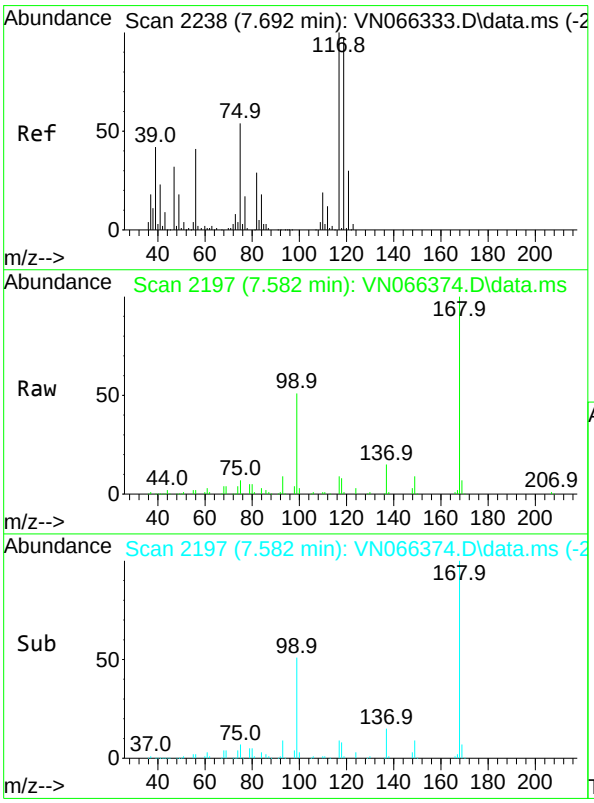


#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.123 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 75 Resp: 17047

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.3	25.0	37.4#

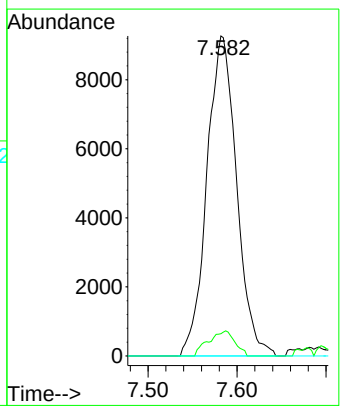




#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.110 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion:117 Resp: 21507

Ion	Ratio	Lower	Upper
117	100		
119	6.9	77.2	115.8#
121	0.0	24.2	36.4#



Instrument :
MSVOA_N
ClientSampleId :
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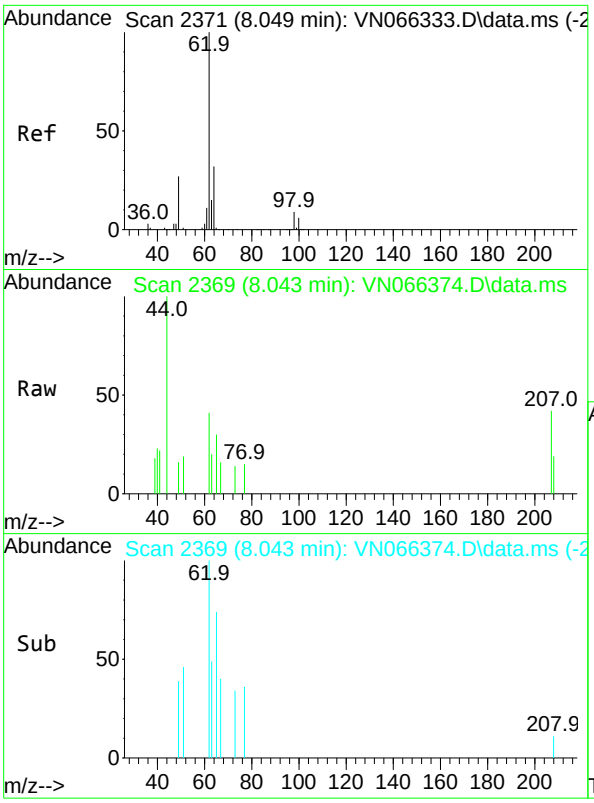
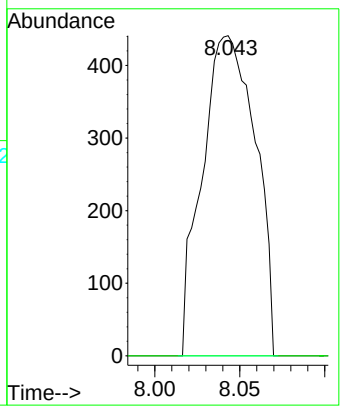
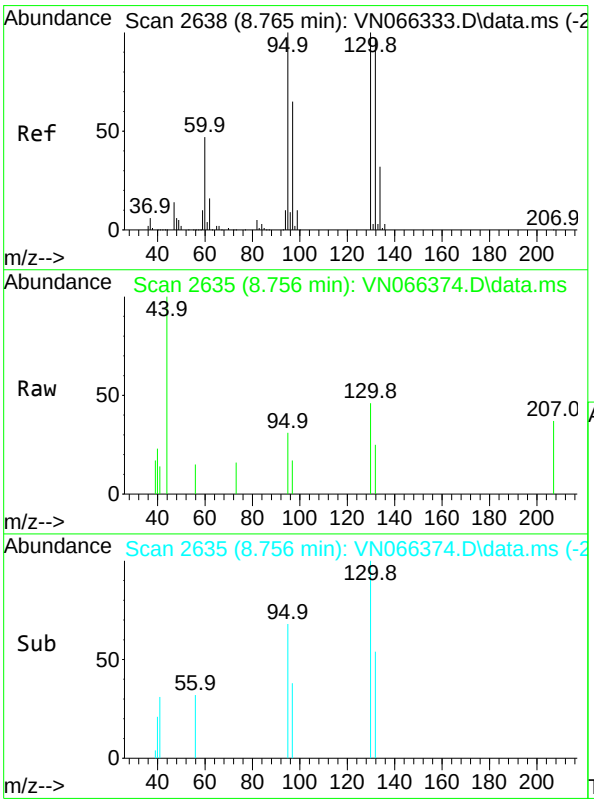


#42
1,2-Dichloroethane
Concen: 0.25 ug/l
RT: 8.043 min Scan# 2369
Delta R.T. -0.005 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 62 Resp: 961

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6

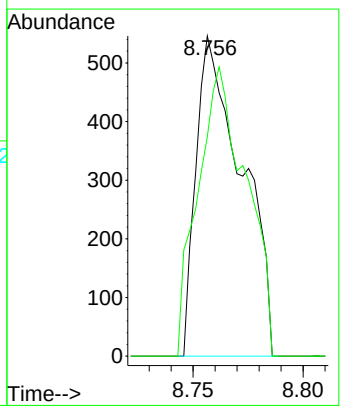




#44
Trichloroethene
Concen: 0.28 ug/l
RT: 8.756 min Scan# 2635
Delta R.T. -0.008 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion:130 Resp: 784

Ion	Ratio	Lower	Upper
130	100		
95	68.5	0.0	200.6



Instrument :
MSVOA_N
ClientSampleId :
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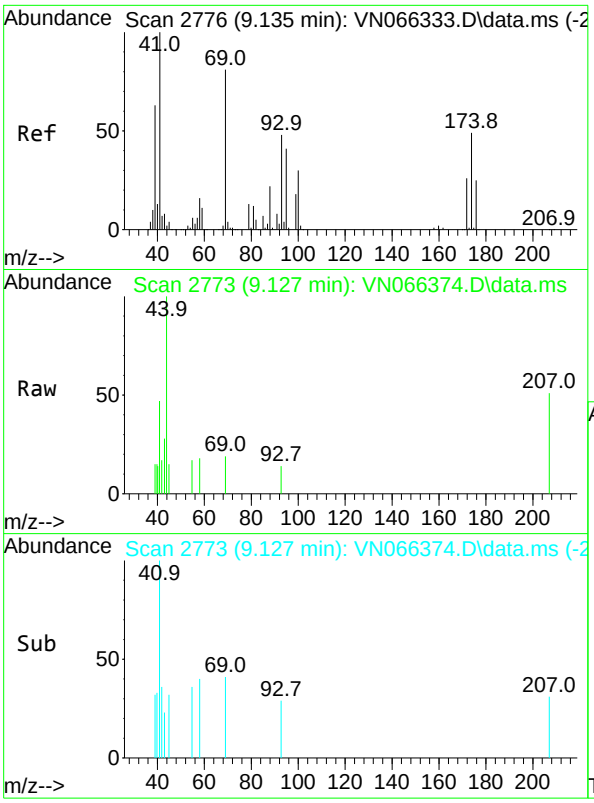
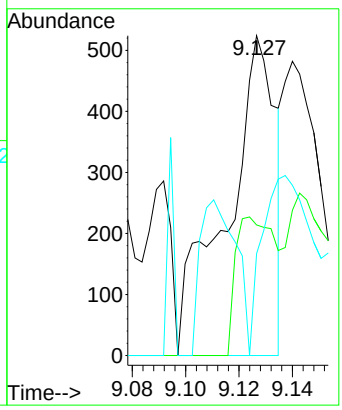
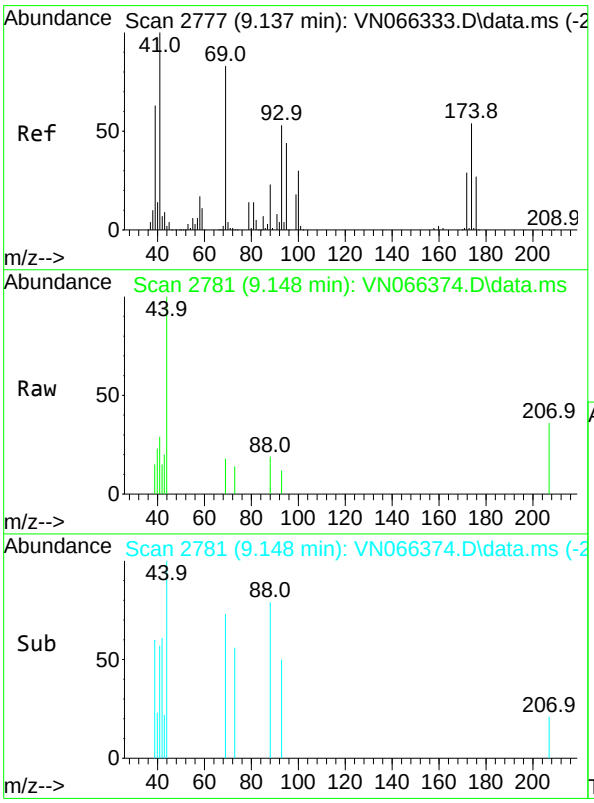


#48
Methyl methacrylate
Concen: 0.21 ug/l
RT: 9.127 min Scan# 2773
Delta R.T. -0.008 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 41 Resp: 661

Ion	Ratio	Lower	Upper
41	100		
69	34.6	66.2	99.4#
39	35.7	51.5	77.3#

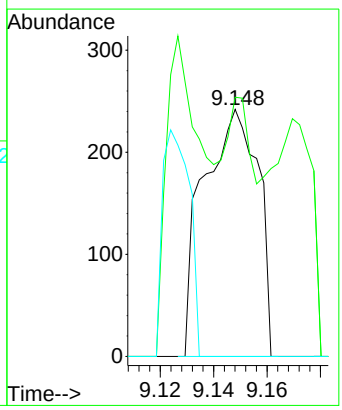




#49
1,4-Dioxane
Concen: 8.54 ug/l
RT: 9.148 min Scan# 2781
Delta R.T. 0.011 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 88 Resp: 343

Ion	Ratio	Lower	Upper
88	100		
43	18.1	28.2	42.4#
58	0.0	56.6	84.8#



Instrument :
MSVOA_N
ClientSampleId :
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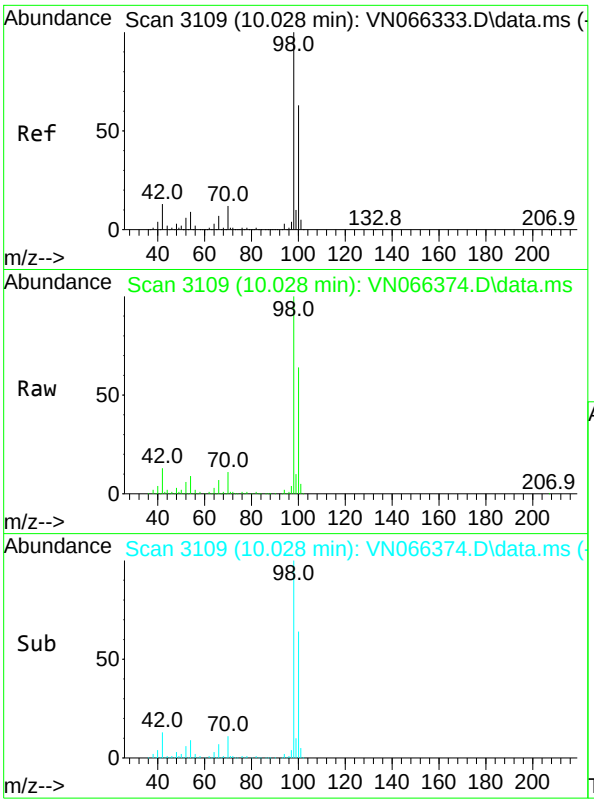
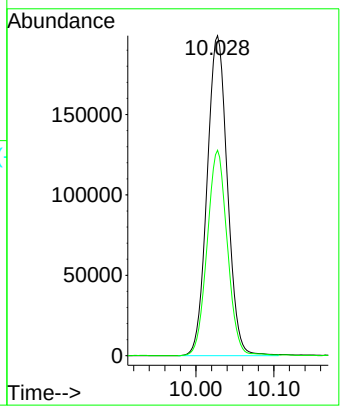
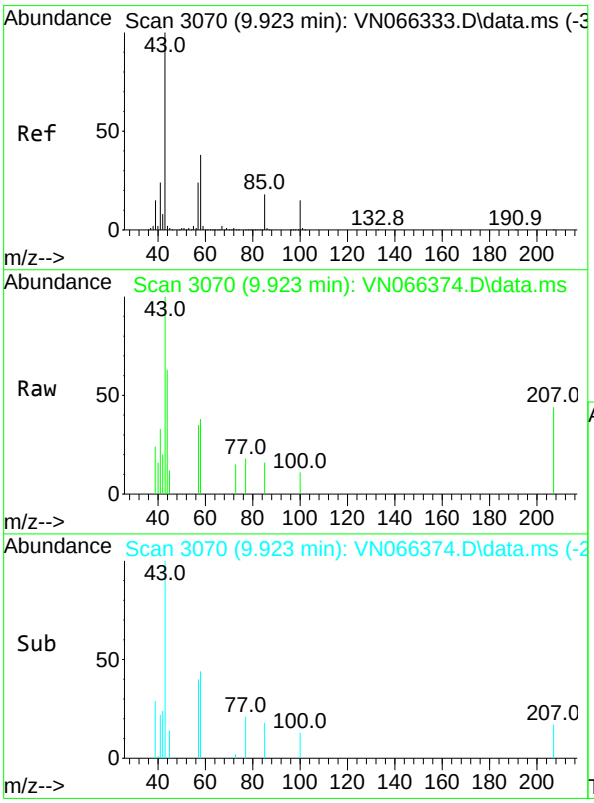


#50
Toluene-d8
Concen: 37.70 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 98 Resp: 360270

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.5	75.7

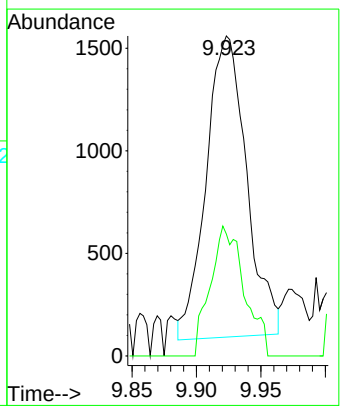




#51
4-Methyl-2-Pentanone
Concen: 0.81 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 43 Resp: 3198

Ion	Ratio	Lower	Upper
43	100		
58	36.3	30.8	46.2



Instrument :
MSVOA_N
ClientSampleId :
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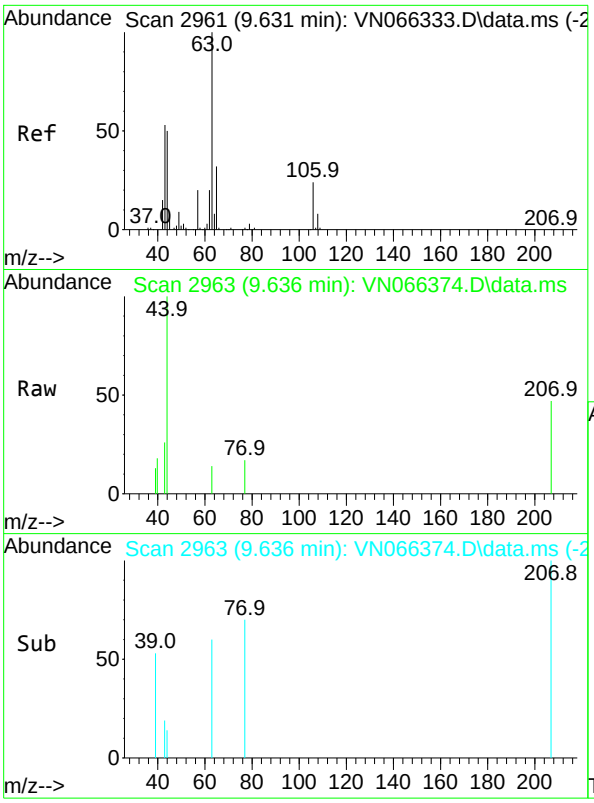
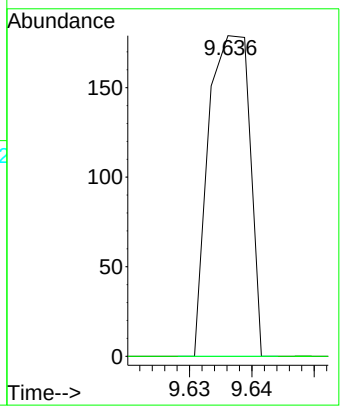
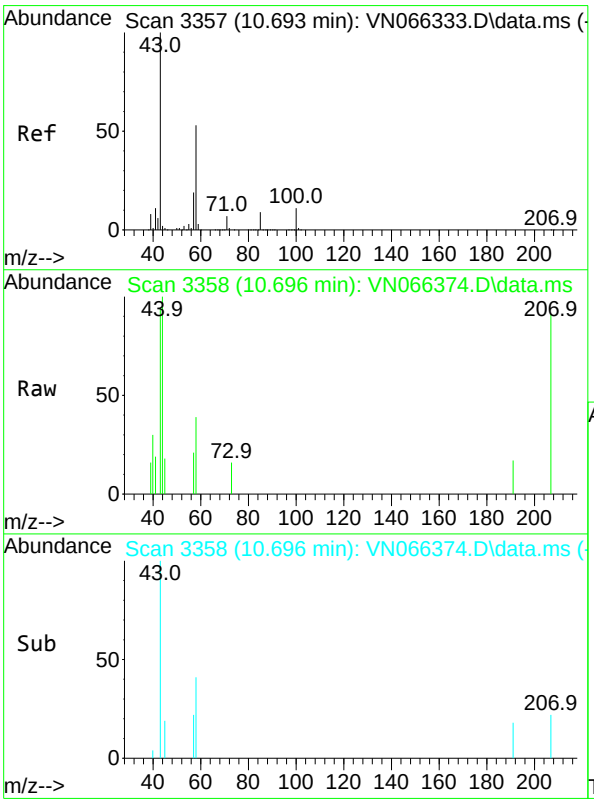


#58
2-Chloroethyl Vinyl ether
Concen: 0.22 ug/l
RT: 9.636 min Scan# 2963
Delta R.T. 0.005 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 63 Resp: 82

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.4#

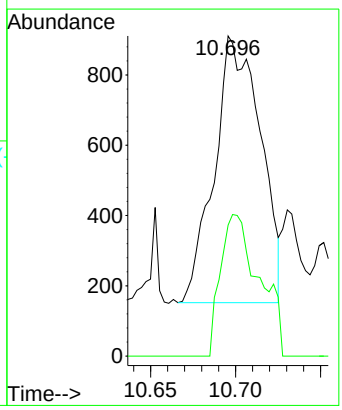




#59
2-Hexanone
Concen: 0.52 ug/l
RT: 10.696 min Scan# 3358
Delta R.T. 0.003 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 43 Resp: 1431

Ion	Ratio	Lower	Upper
43	100		
58	44.5	26.6	79.8



Instrument :
MSVOA_N
ClientSampleId :
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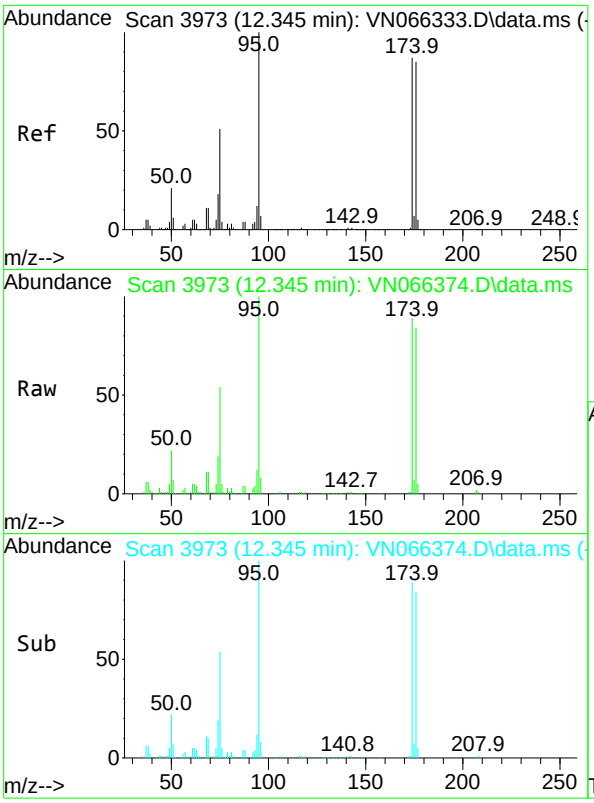
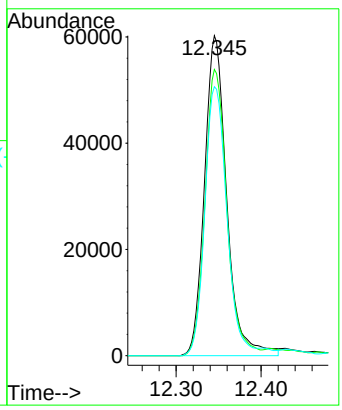
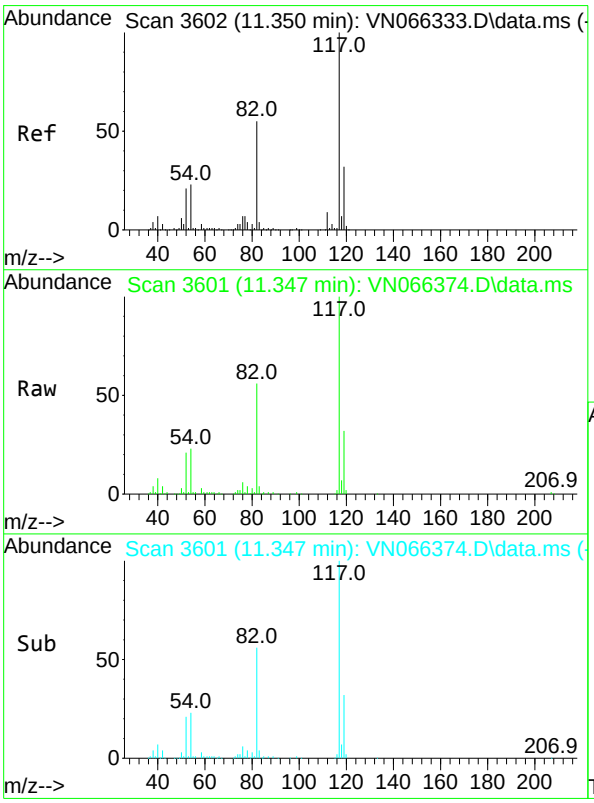


#62
4-Bromofluorobenzene
Concen: 32.92 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 95 Resp: 109274

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	172.2
176	83.3	0.0	167.8

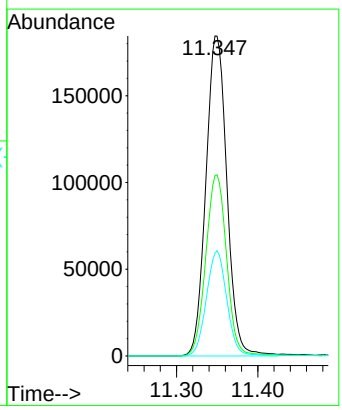




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion:117 Resp: 331145

Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.2	66.4
119	32.1	25.8	38.6



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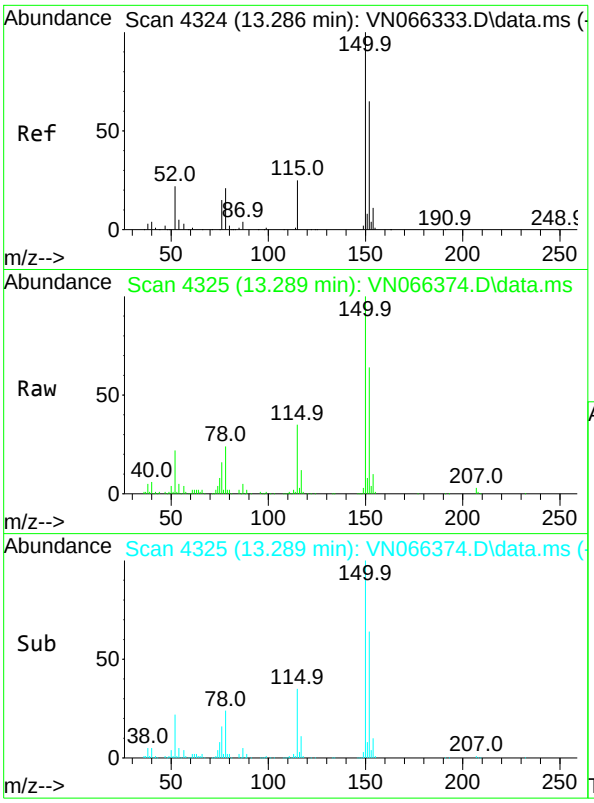
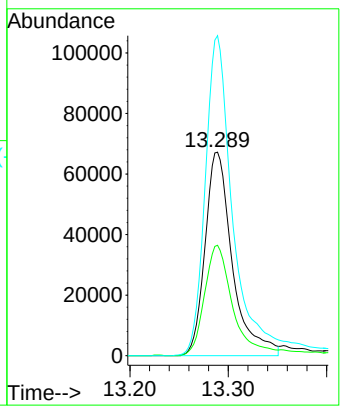
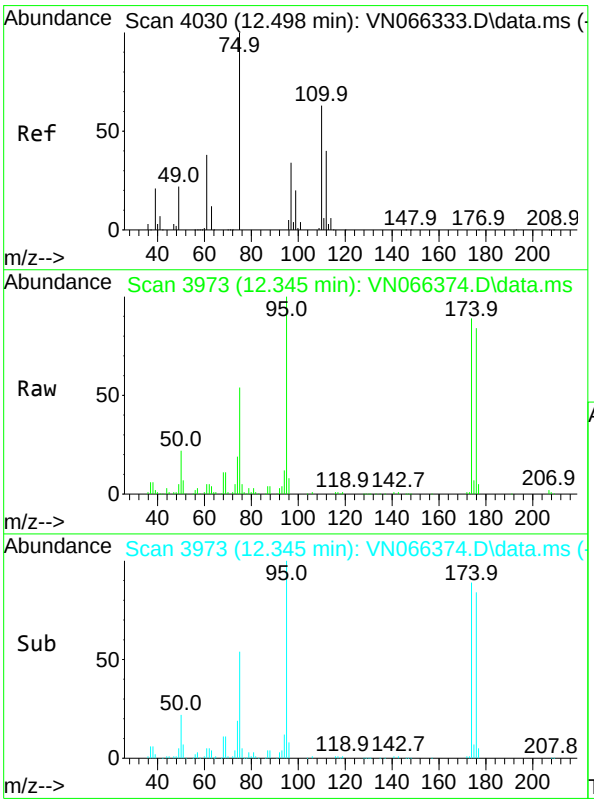


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion:152 Resp: 130164

Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.8	83.4
150	166.4	0.0	348.4

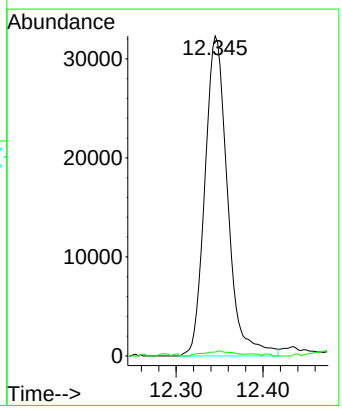




#76
1,2,3-Trichloropropane
Concen: 20.54 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 75 Resp: 58668

Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#



Instrument :
MSVOA_N
ClientSampleId :
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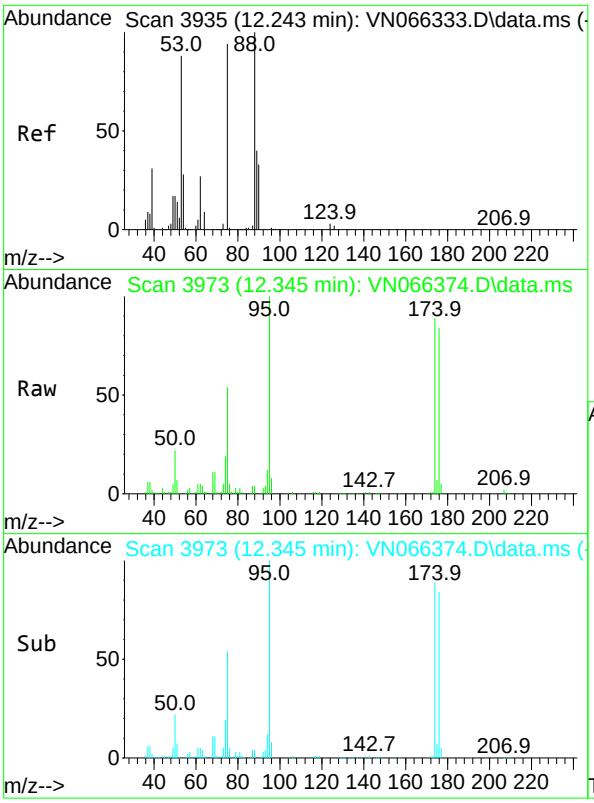
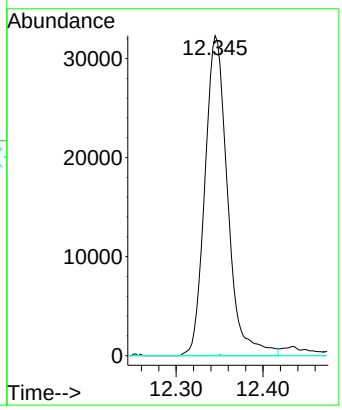
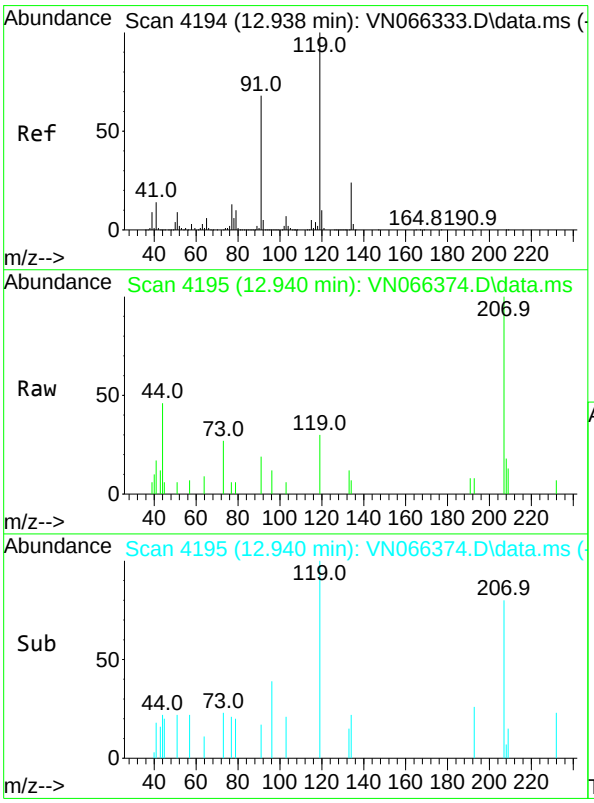


#81
trans-1,4-Dichloro-2-butene
Concen: 61.77 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 75 Resp: 58668

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	0.0	35.7	53.5#

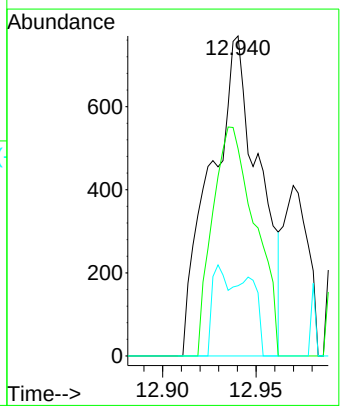




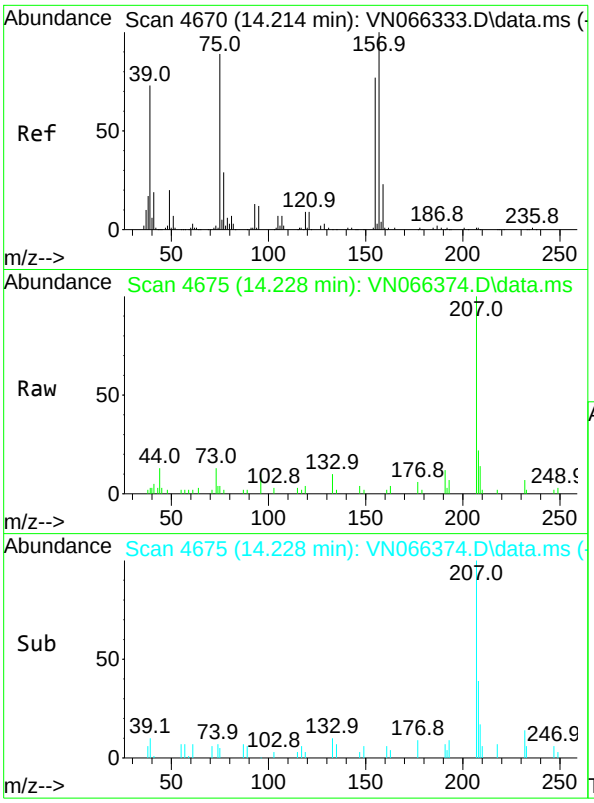
#83
tert-Butylbenzene
Concen: 0.20 ug/l
RT: 12.940 min Scan# 4195
Delta R.T. 0.003 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion:119 Resp: 1392

Ion	Ratio	Lower	Upper
119	100		
91	62.6	33.3	99.8
134	10.8	12.9	38.6#



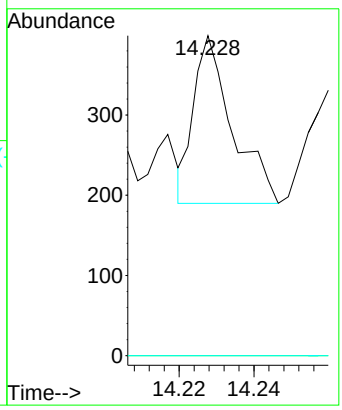
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

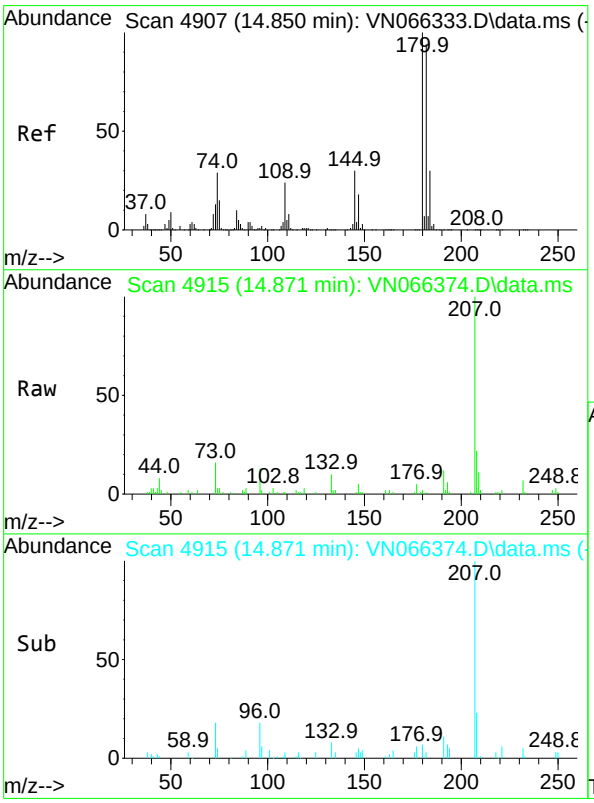


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.25 ug/l
RT: 14.228 min Scan# 4675
Delta R.T. 0.013 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion: 75 Resp: 150

Ion	Ratio	Lower	Upper
75	100		
155	0.0	43.8	131.3#
157	0.0	57.6	172.8#





#93
1,2,4-Trichlorobenzene
Concen: 0.34 ug/l
RT: 14.871 min Scan# 4915
Delta R.T. 0.021 min
Lab File: VN066374.D
Acq: 29 Mar 2021 14:14

Tgt Ion:180 Resp: 847

Ion	Ratio	Lower	Upper
180	100		
182	14.5	47.4	142.3#
145	0.0	14.2	42.8#