Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101719\
Data File : VN058822.D
Acq On : 17 Oct 2019 13:18
Operator : JC/SP
Sample : K5393-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Oct 18 01:26:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	364937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	577835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	523553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	202651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	263119	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.00%			
35) Dibromofluoromethane	7.57	113	188664	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.72%			
50) Toluene-d8	10.09	98	742817	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.08%			
62) 4-Bromofluorobenzene	12.41	95	237744	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.02%			
Target Compounds						Qvalue
13) Acrolein	3.59	56	148	0.222	ug/l #	42
16) Acetone	3.81	43	13857	6.551	ug/l #	86
17) Carbon Disulfide	4.03	76	3367	0.301	ug/l #	77
18) Methyl Acetate	4.31	43	3419	0.637	ug/l #	76
20) Methylene Chloride	4.53	84	16758	3.791	ug/l	96
31) Cyclohexane	7.65	56	8857	1.182	ug/l #	12
36) 1,1-Dichloropropene	7.65	75	31431	5.380	ug/l #	46
38) Carbon Tetrachloride	7.64	117	37125	6.520	ug/l #	17
43) Isopropyl Acetate	8.15	43	95440	9.482	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	1603	0.357	ug/l #	45
48) Methyl methacrylate	9.17	41	6674	1.463	ug/l #	14
49) 1,4-Dioxane	9.26	88	33	0.468	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7374	1.304	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	40517	5.737	ug/l #	67
56) Ethyl methacrylate	10.54	69	1956	0.319	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6848	0.957	ug/l #	42
59) 2-Hexanone	10.76	43	104625	23.950	ug/l #	52
71) Bromoform	12.41	173	1103	0.383	ug/l #	1
74) N-amyl acetate	12.03	43	3893	0.591	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	129740	29.183	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	129740	78.173	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.92	180	2147	0.549	ug/l	97
94) Hexachlorobutadiene	15.02	225	439	0.213	ug/l #	71
95) Naphthalene	15.14	128	8792	0.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	2508	0.656	ug/l	92

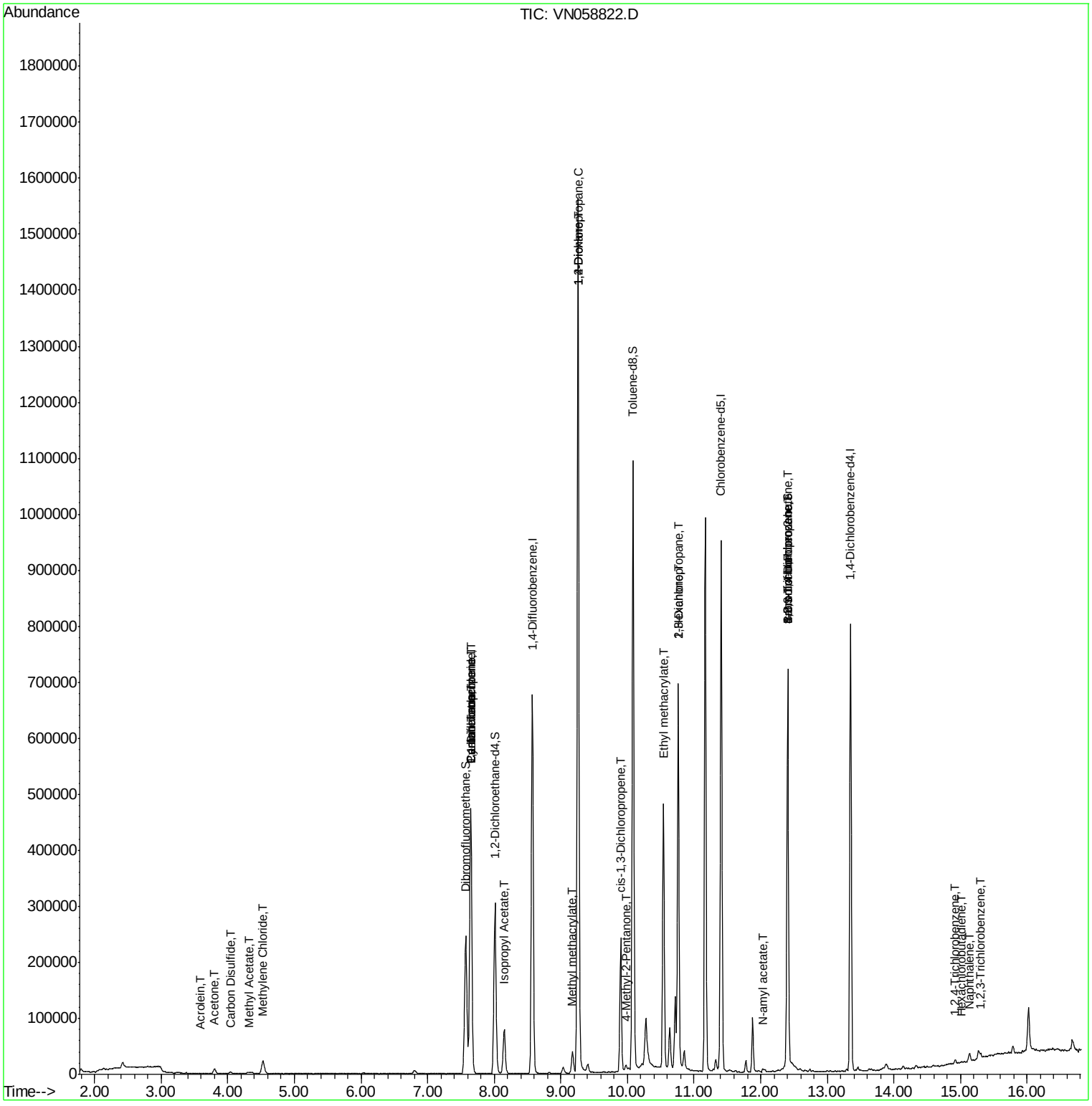
(#) = qualifier out of range (m) = manual integration (+) = signals summed

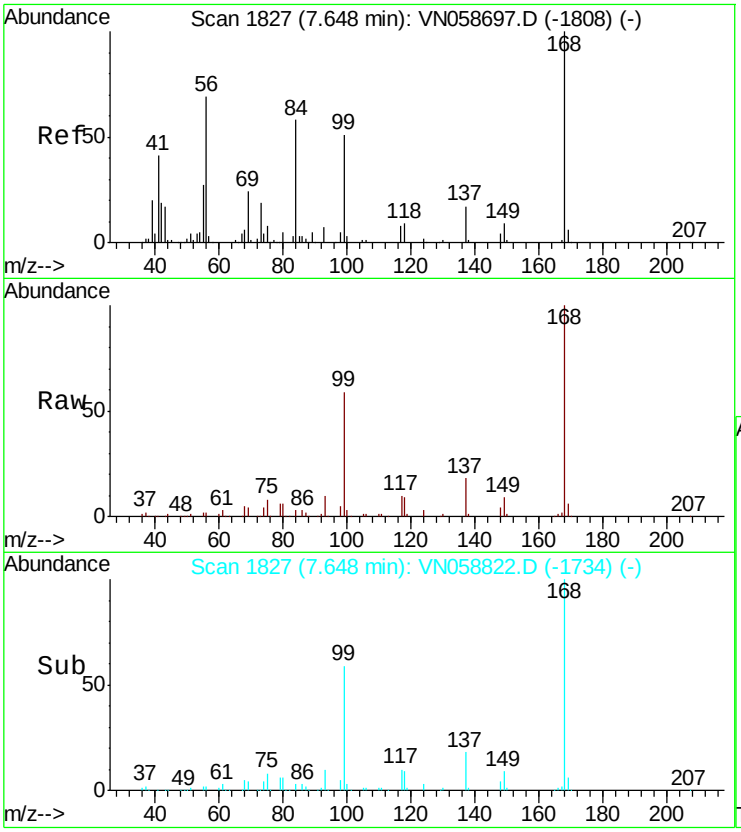
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101719\
Data File : VN058822.D
Acq On : 17 Oct 2019 13:18
Operator : JC/SP
Sample : K5393-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 18 01:26:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration



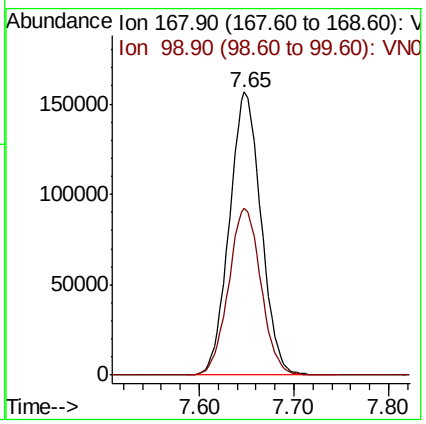


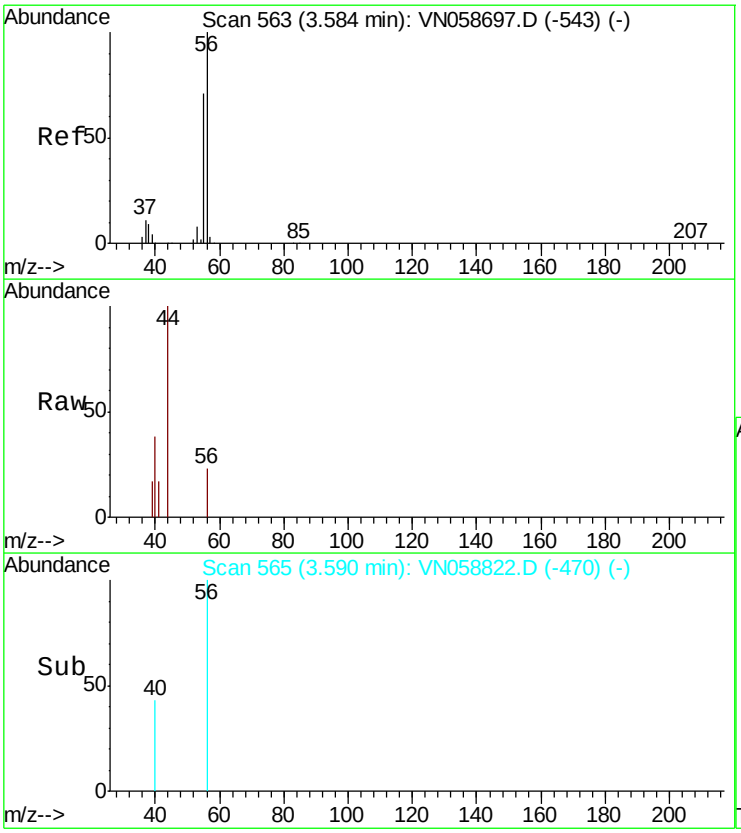
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 364937

Ion	Ratio	Lower	Upper
168	100		
99	58.8	47.5	71.3

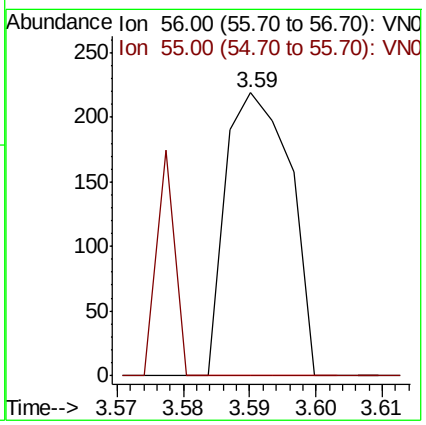


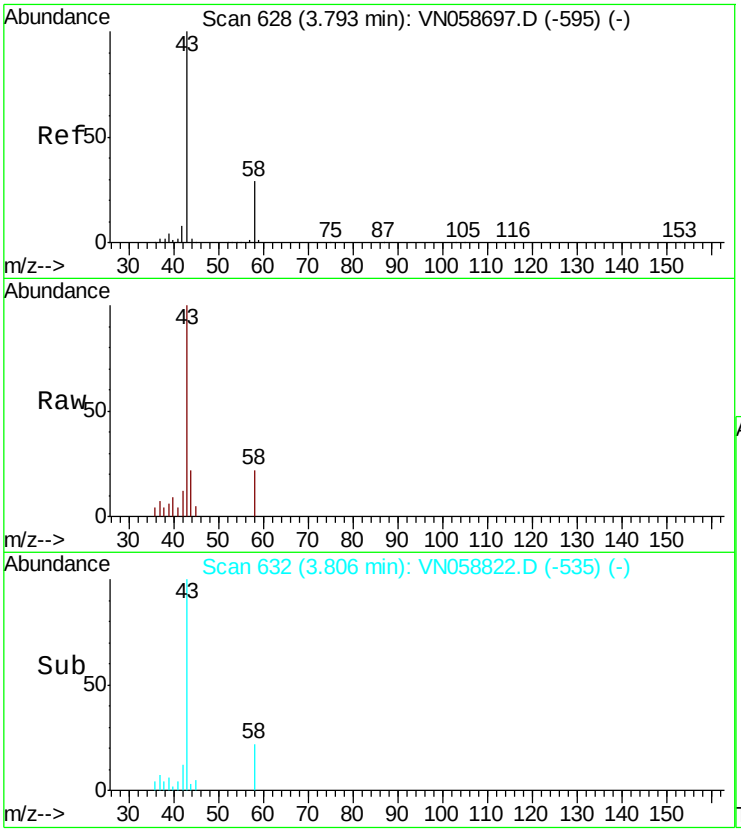


#13
Acrolein
Concen: 0.222 ug/l
RT: 3.59 min Scan# 565
Delta R.T. 0.01 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion: 56 Resp: 148

Ion	Ratio	Lower	Upper
56	100		
55	23.0	56.7	85.1#



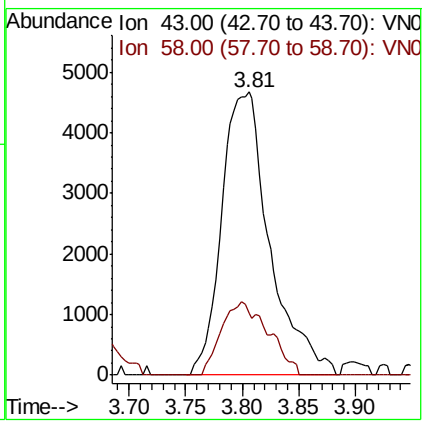


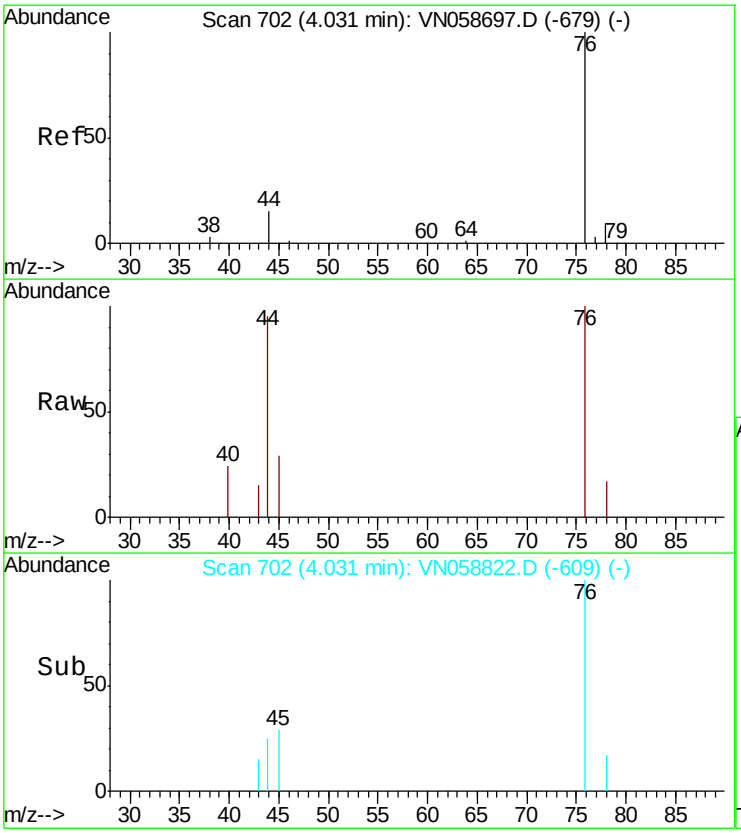
#16
Acetone
Concen: 6.551 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.01 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 13857

Ion	Ratio	Lower	Upper
43	100		
58	21.9	23.3	34.9#

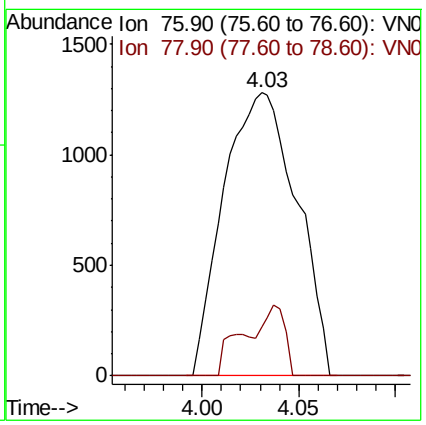


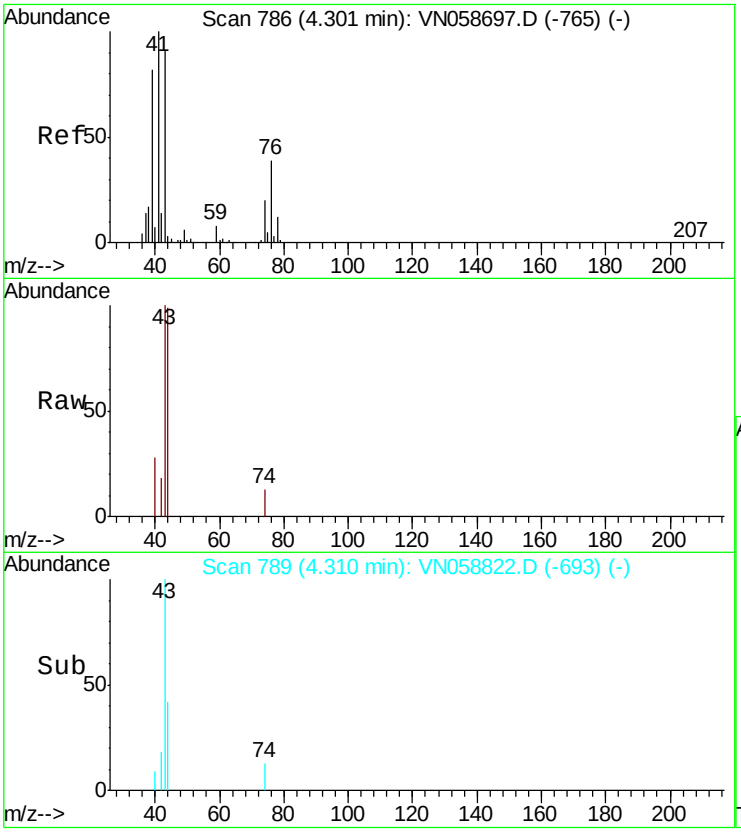


#17
Carbon Disulfide
Concen: 0.301 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion: 76 Resp: 3367

Ion	Ratio	Lower	Upper
76	100		
78	17.3	7.1	10.7#



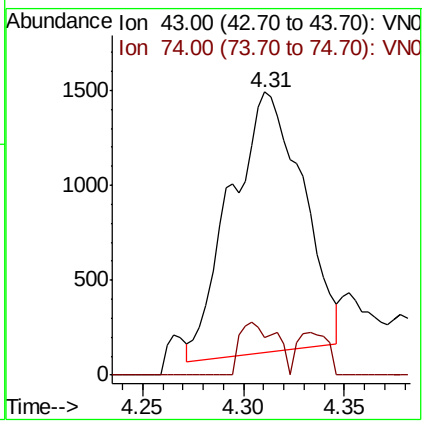


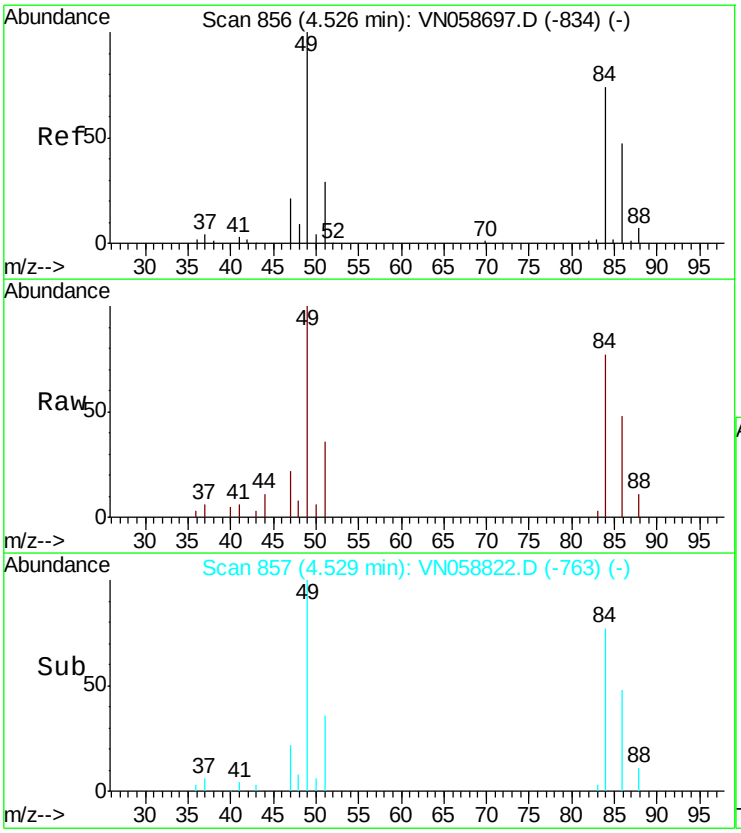
#18
Methyl Acetate
Concen: 0.637 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3419

Ion	Ratio	Lower	Upper
43	100		
74	10.2	17.2	25.8#

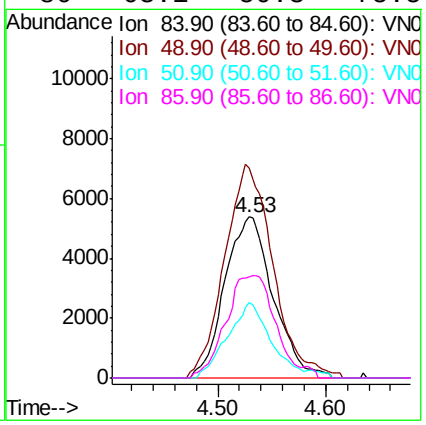


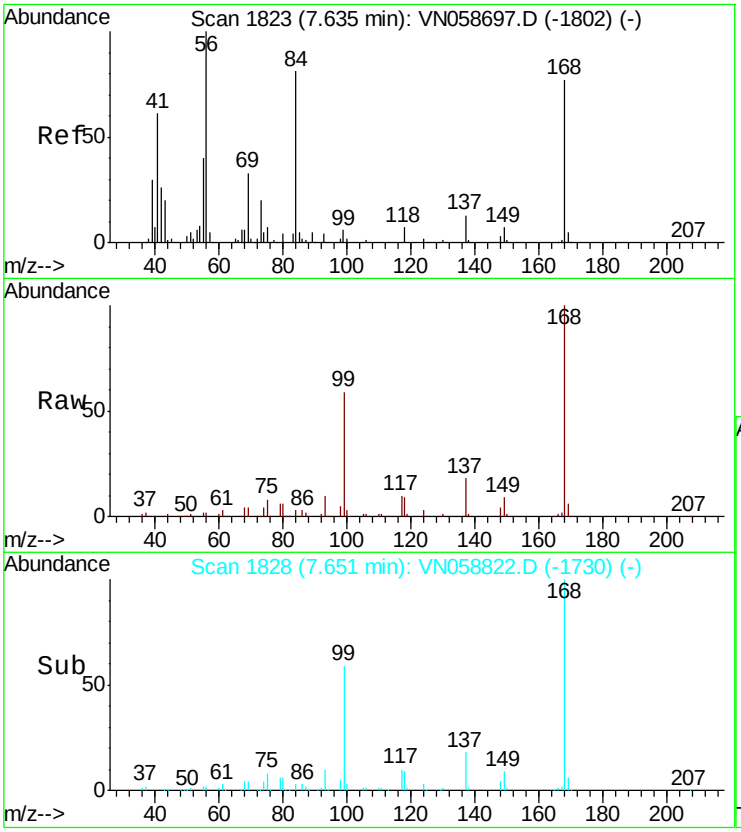


#20
Methylene Chloride
Concen: 3.791 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion: 84 Resp: 16758

Ion	Ratio	Lower	Upper
84	100		
49	130.4	107.6	161.4
51	46.7	31.4	47.0
86	63.1	50.3	75.5



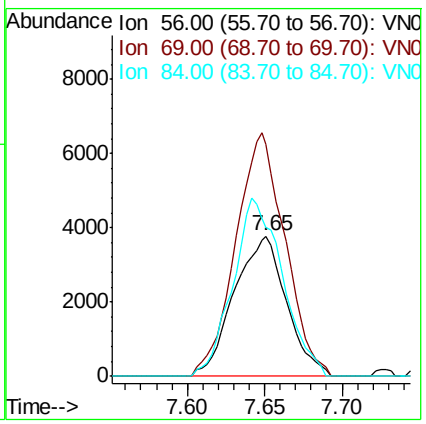


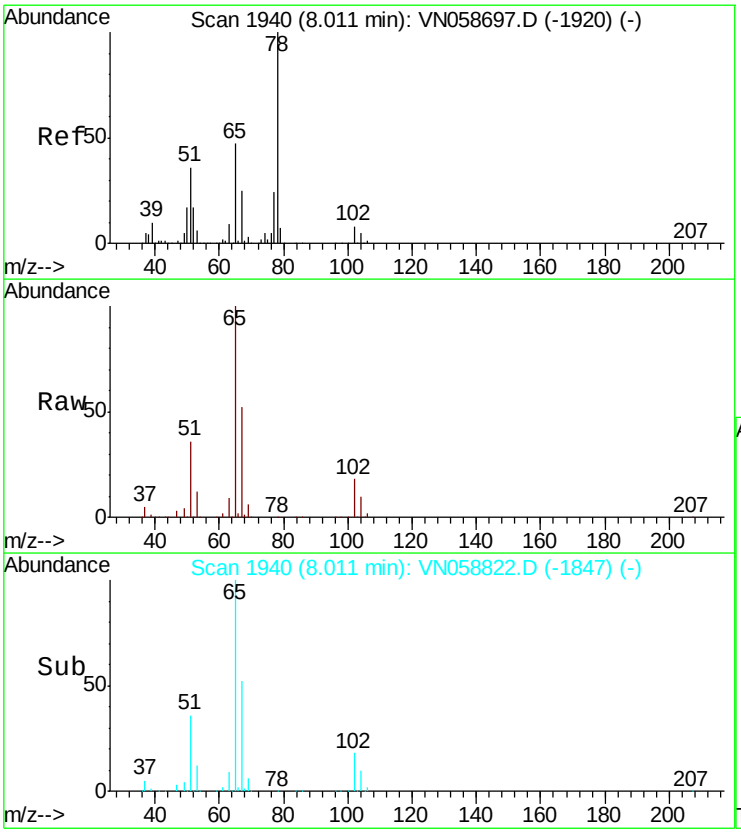
#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 8857

Ion	Ratio	Lower	Upper
56	100		
69	165.5	26.2	39.4#
84	106.6	64.9	97.3#

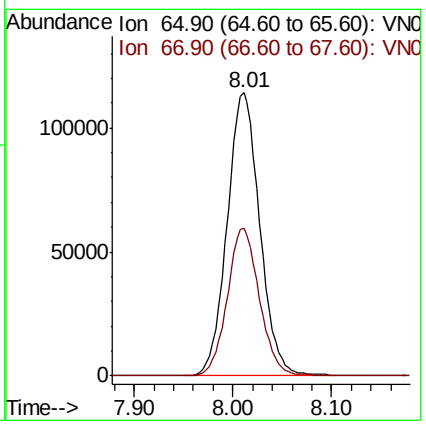


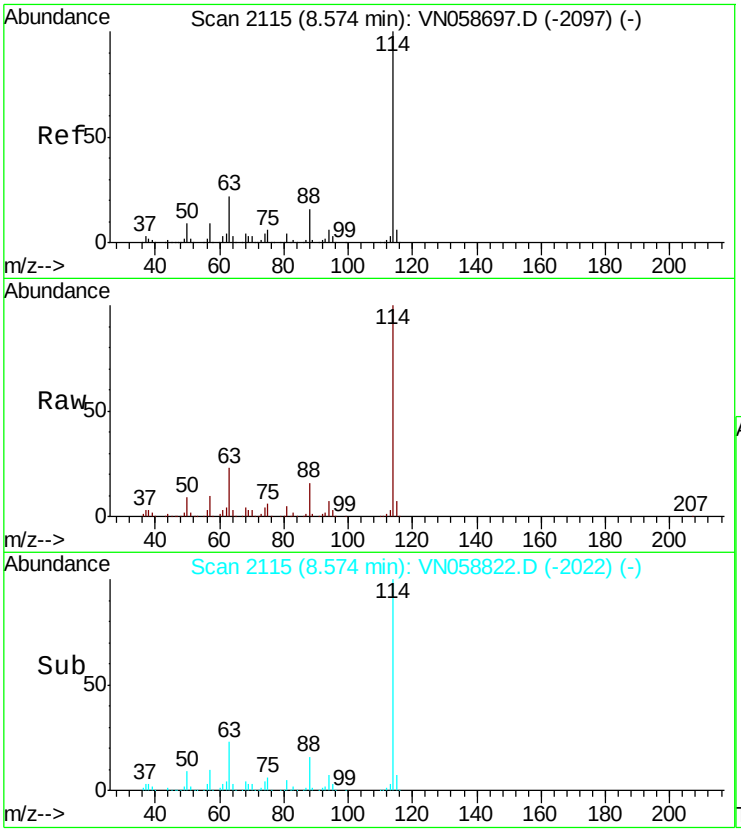


#33
1,2-Dichloroethane-d4
Concen: 51.500 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion: 65 Resp: 263119

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.8



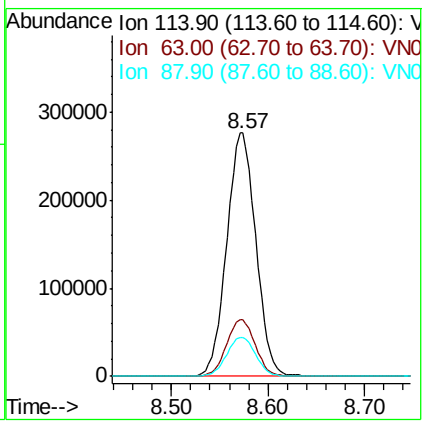


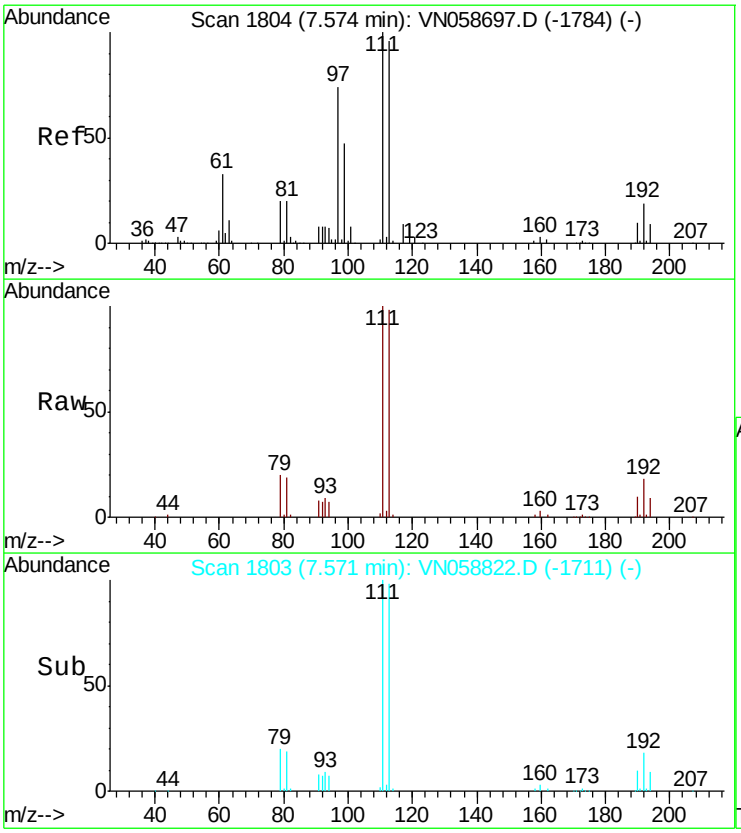
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 577835

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	43.8
88	16.2	0.0	32.0

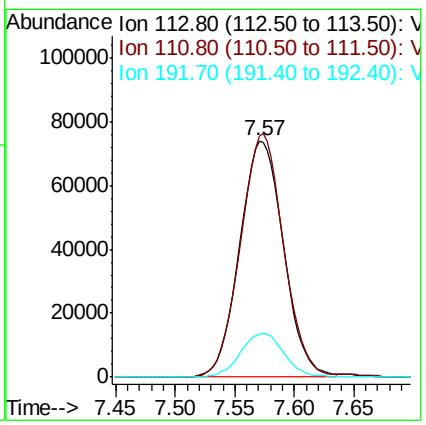


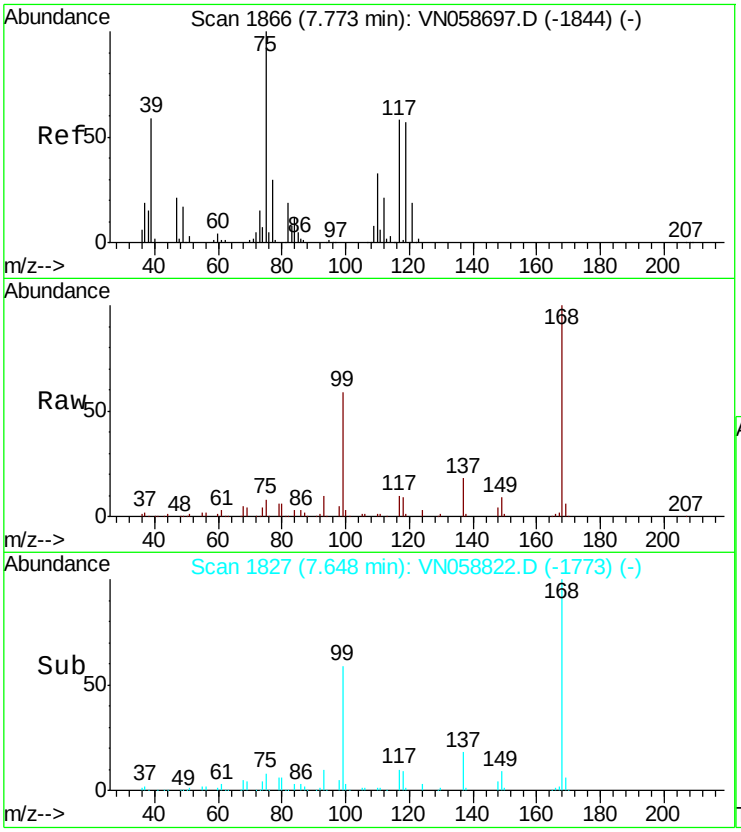


#35
Dibromofluoromethane
Concen: 52.859 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion:113 Resp: 188664

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.3	123.5
192	18.3	15.0	22.6



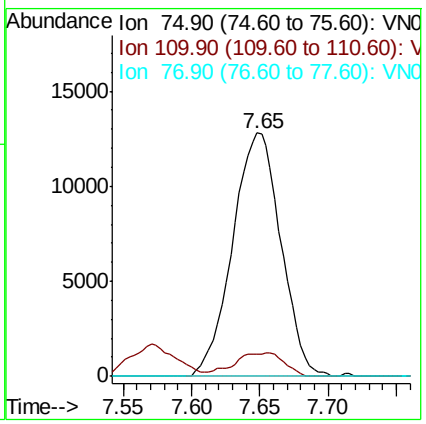


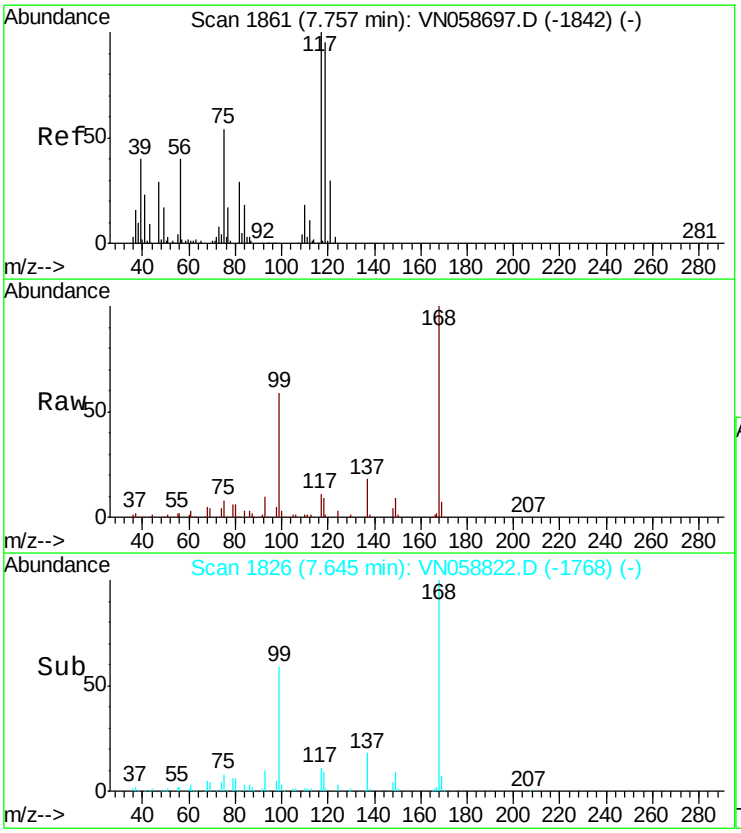
#36
1,1-Dichloropropene
Concen: 5.380 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 31431

Ion	Ratio	Lower	Upper
75	100		
110	3.6	16.6	49.8#
77	0.0	24.6	37.0#

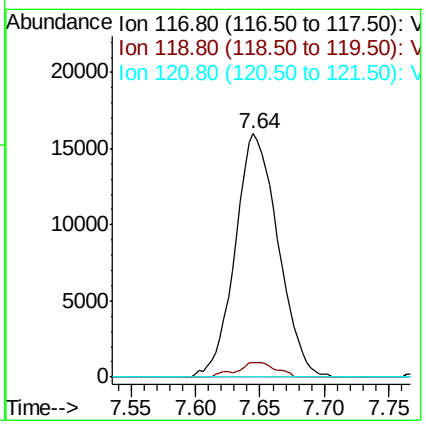


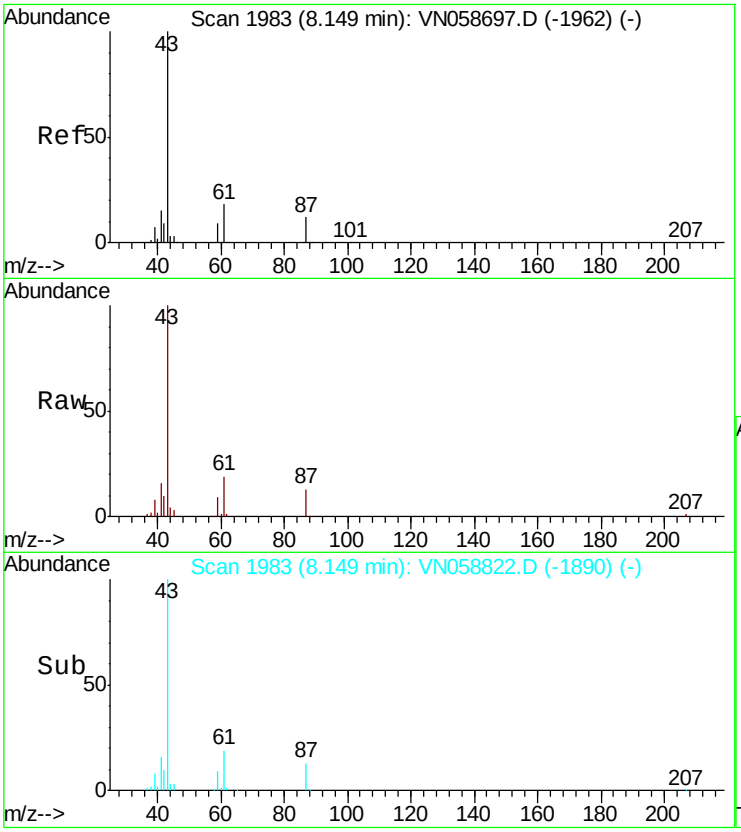


#38
Carbon Tetrachloride
Concen: 6.520 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion:117 Resp: 37125

Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.7	113.5#
121	0.0	23.9	35.9#



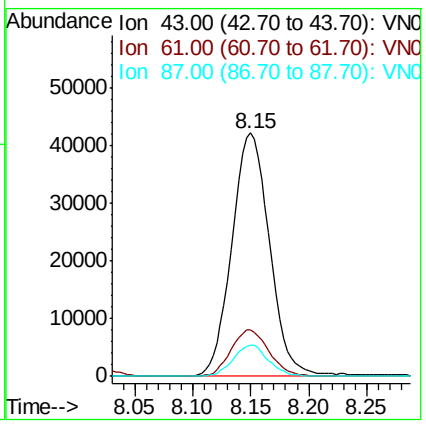


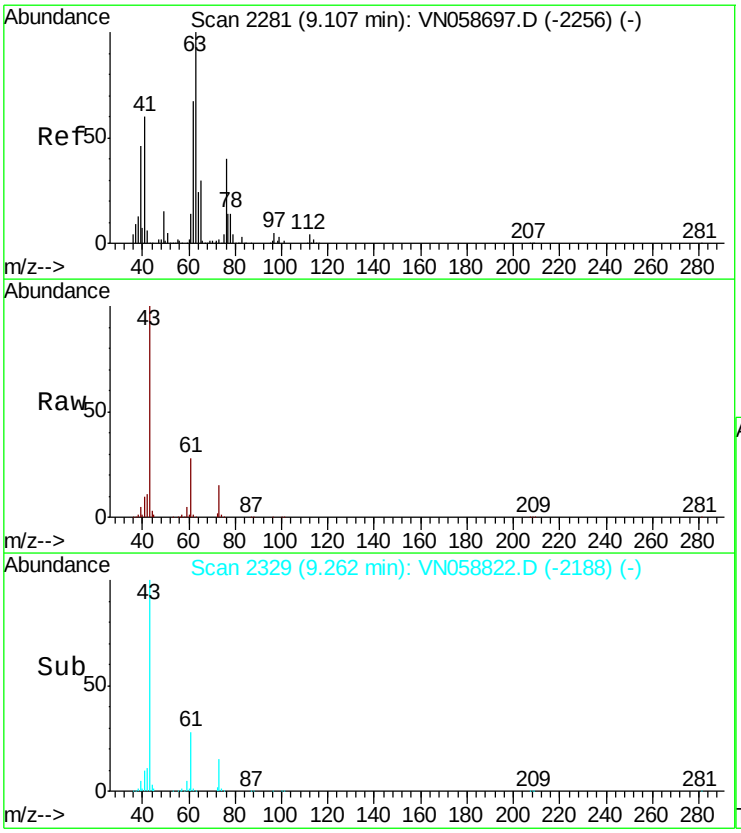
#43
Isopropyl Acetate
Concen: 9.482 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 95440

Ion	Ratio	Lower	Upper
43	100		
61	19.1	20.3	30.5#
87	11.9	9.8	14.6

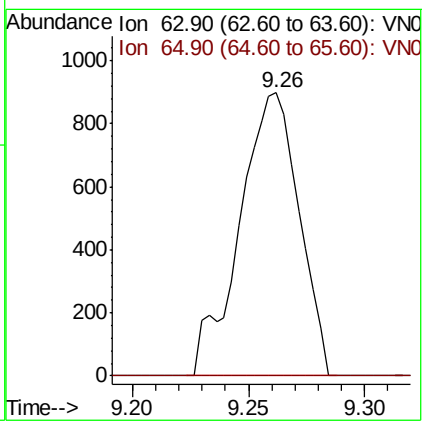


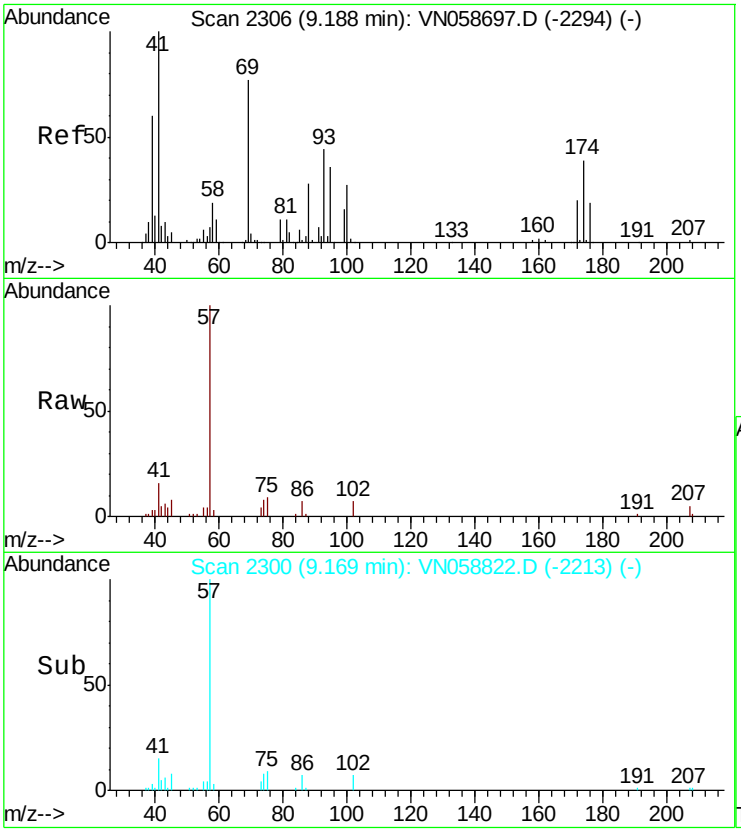


#45
1,2-Dichloropropane
Concen: 0.357 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.15 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion: 63 Resp: 1603

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.1	36.1#



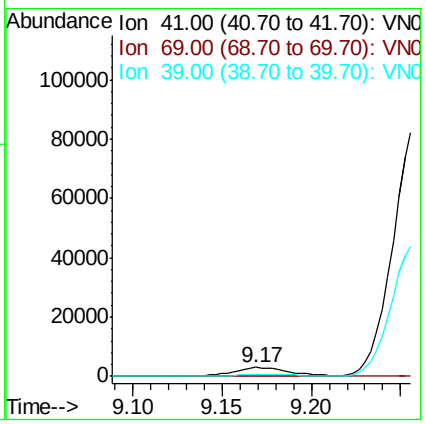


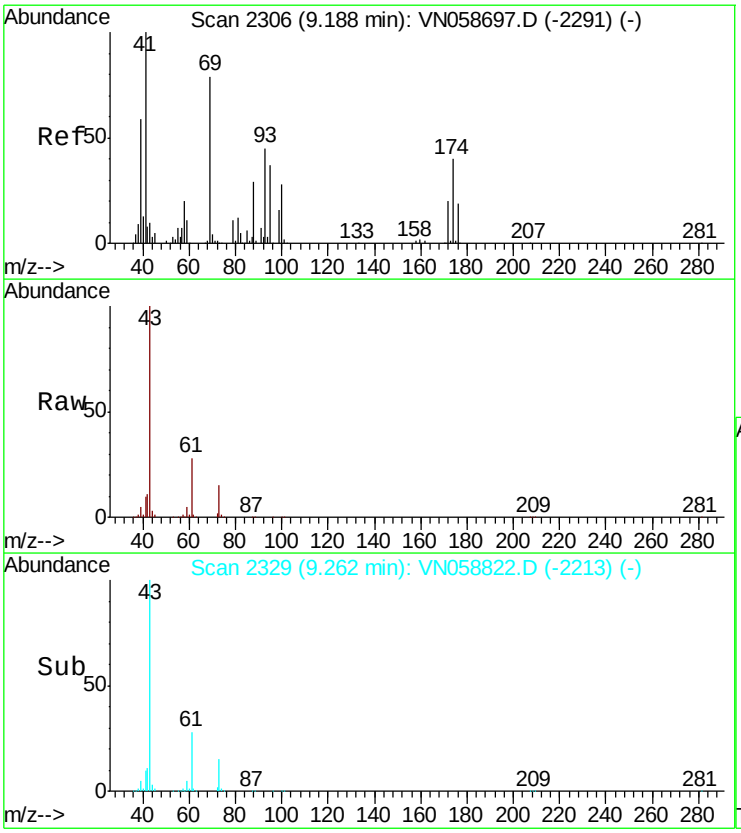
#48
Methyl methacrylate
Concen: 1.463 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 6674

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.4	95.2#
39	0.0	48.9	73.3#

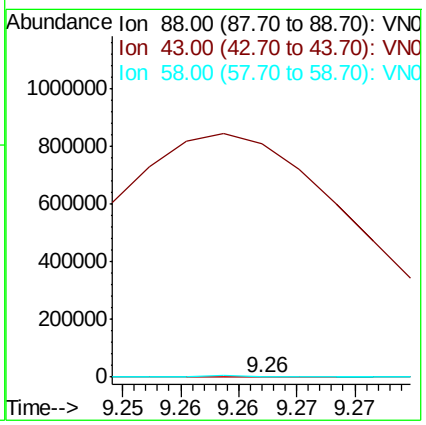


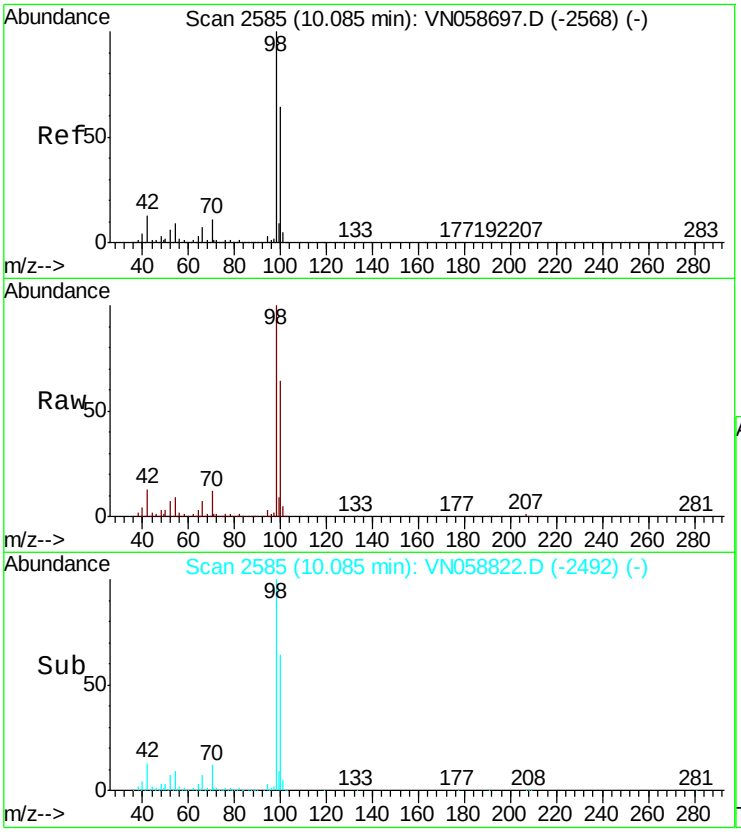


#49
1,4-Dioxane
Concen: 0.468 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion: 88 Resp: 33

Ion	Ratio	Lower	Upper
88	100		
43	4650793.9	28.6	43.0#
58	21572.7	57.2	85.8#



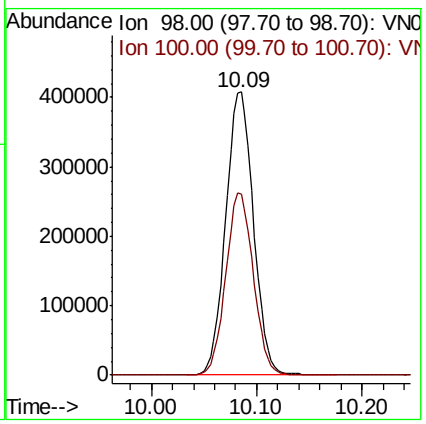


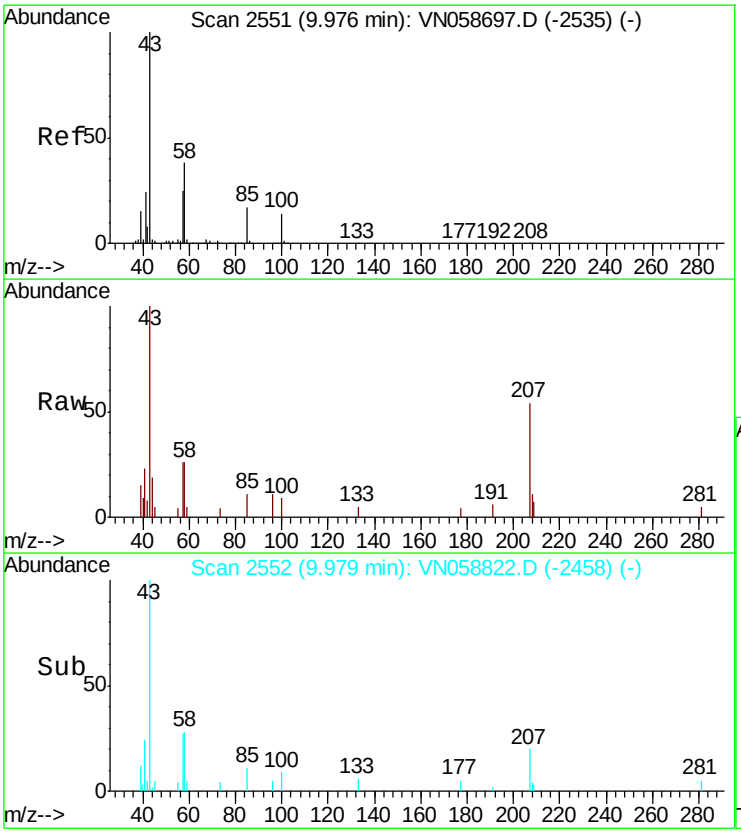
#50
Toluene-d8
Concen: 52.045 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 742817

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7

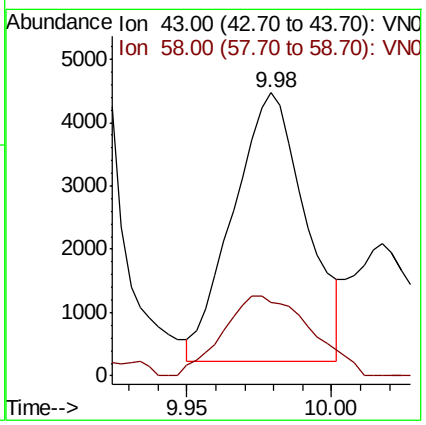


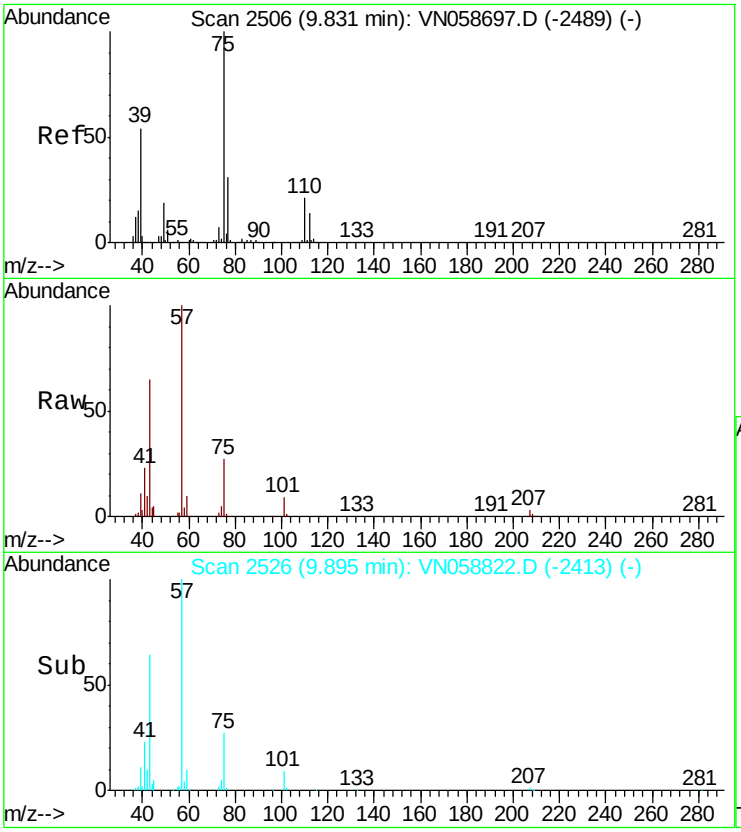


#51
4-Methyl-2-Pentanone
Concen: 1.304 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion: 43 Resp: 7374

Ion	Ratio	Lower	Upper
43	100		
58	36.0	30.3	45.5



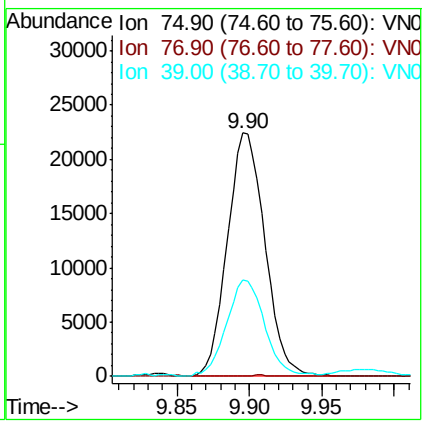


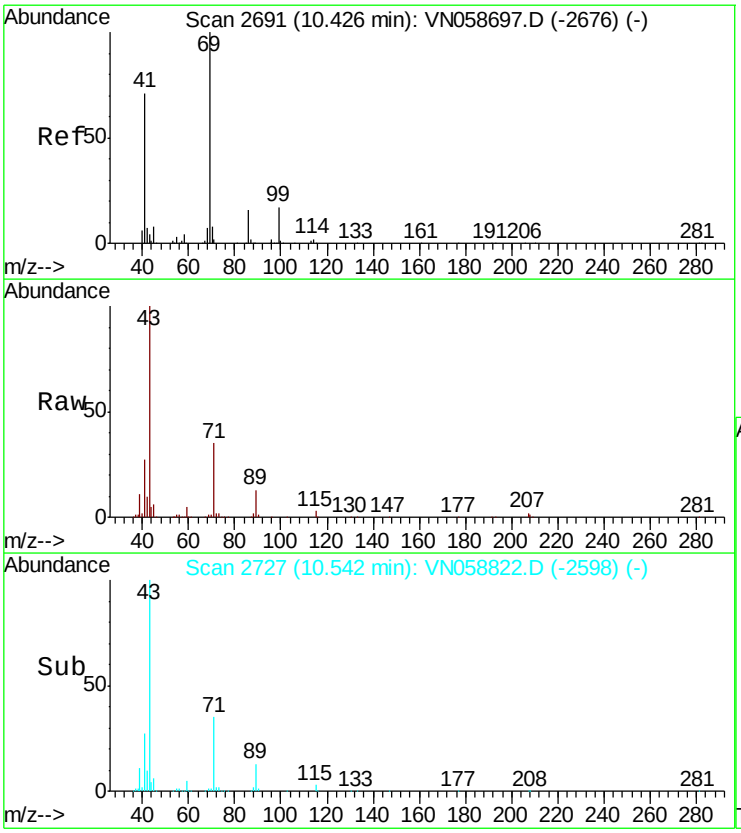
#54
cis-1,3-Dichloropropene
Concen: 5.737 ug/l
RT: 9.90 min Scan# 2526
Delta R.T. 0.06 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 40517

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.4	36.6#
39	39.6	43.1	64.7#

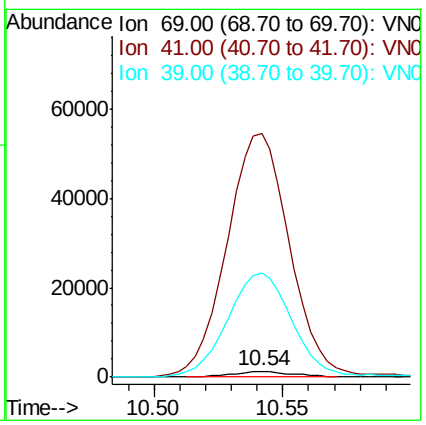


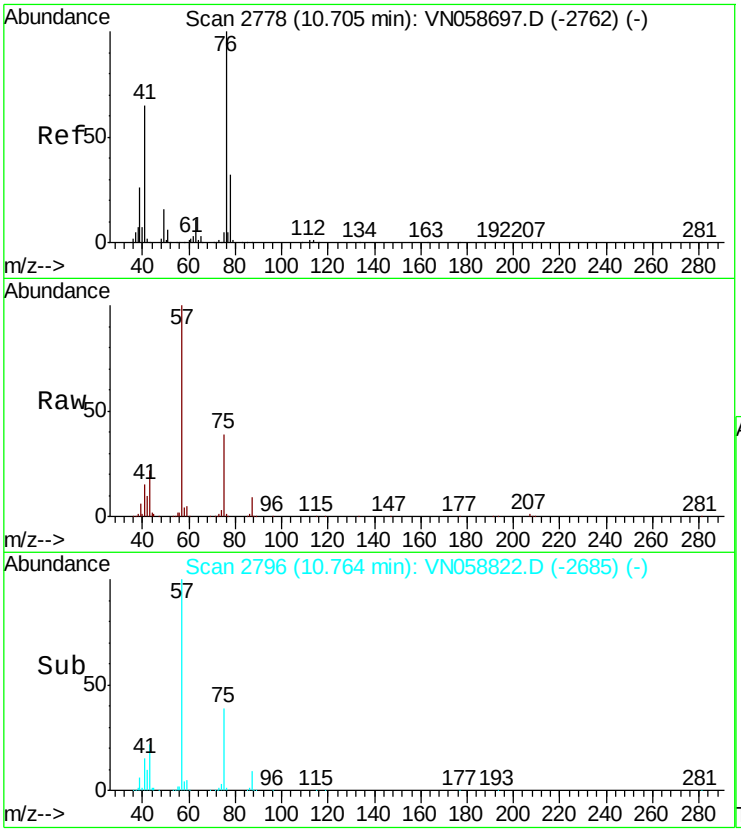


#56
Ethyl methacrylate
Concen: 0.319 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.12 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion: 69 Resp: 1956

Ion	Ratio	Lower	Upper
69	100		
41	4753.5	56.8	85.2#
39	2103.1	32.5	48.7#



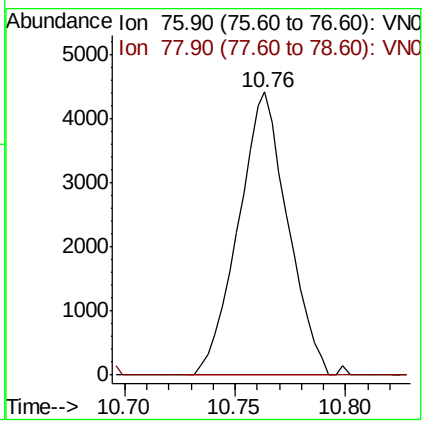


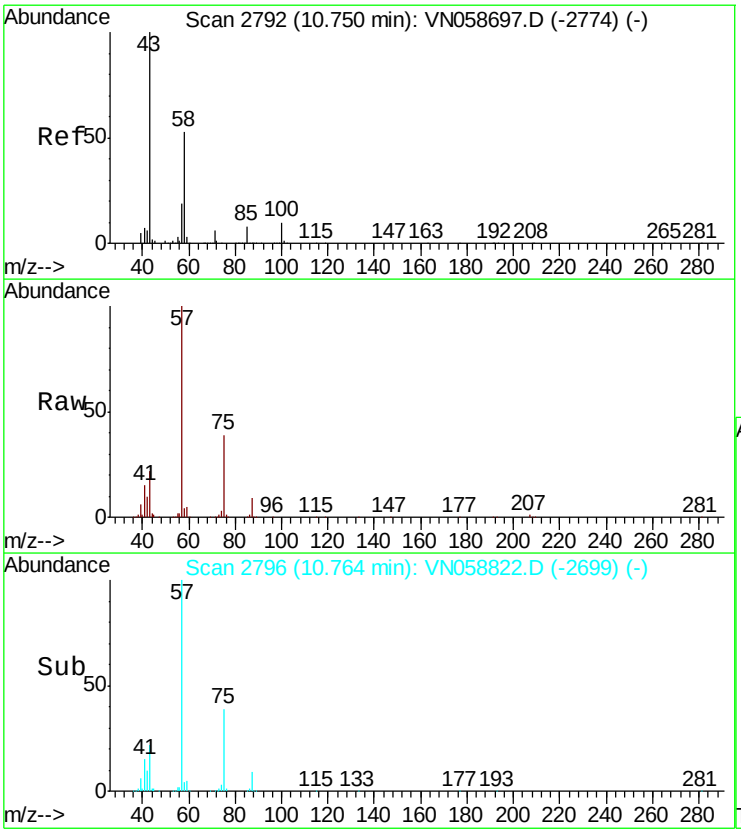
#57
1,3-Dichloropropane
Concen: 0.957 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 6848

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.9	38.9#

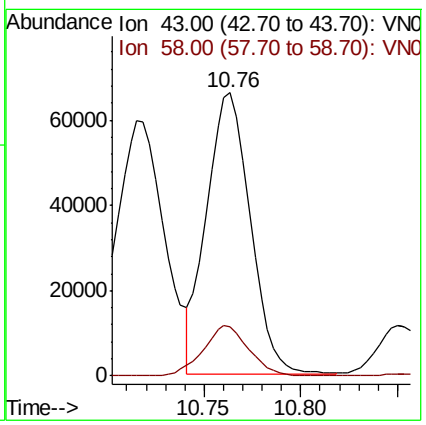


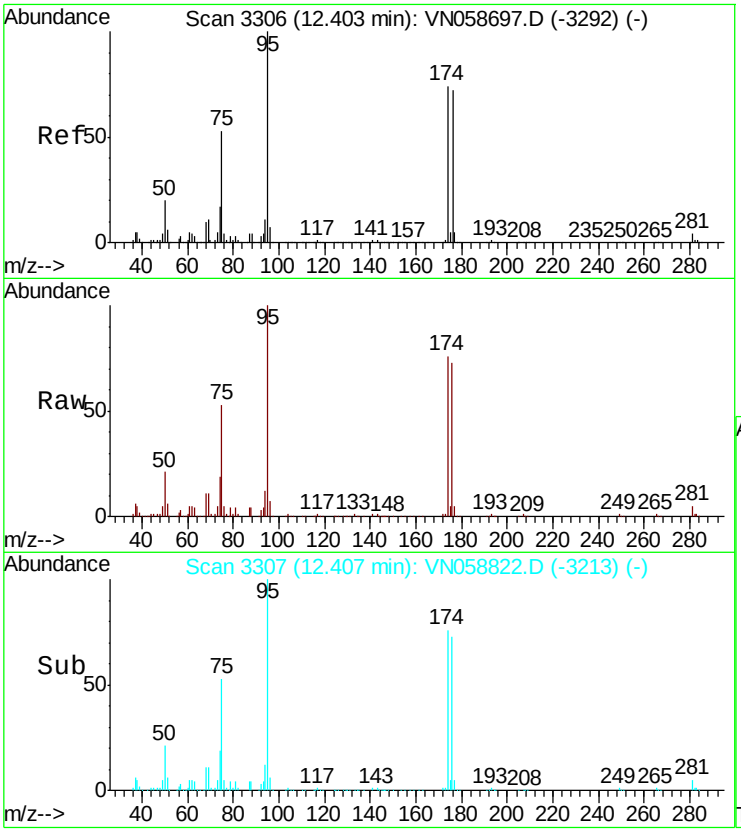


#59
2-Hexanone
Concen: 23.950 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion: 43 Resp: 104625

Ion	Ratio	Lower	Upper
43	100		
58	18.6	26.1	78.3#



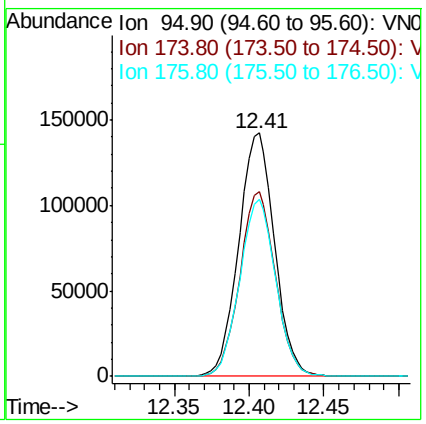


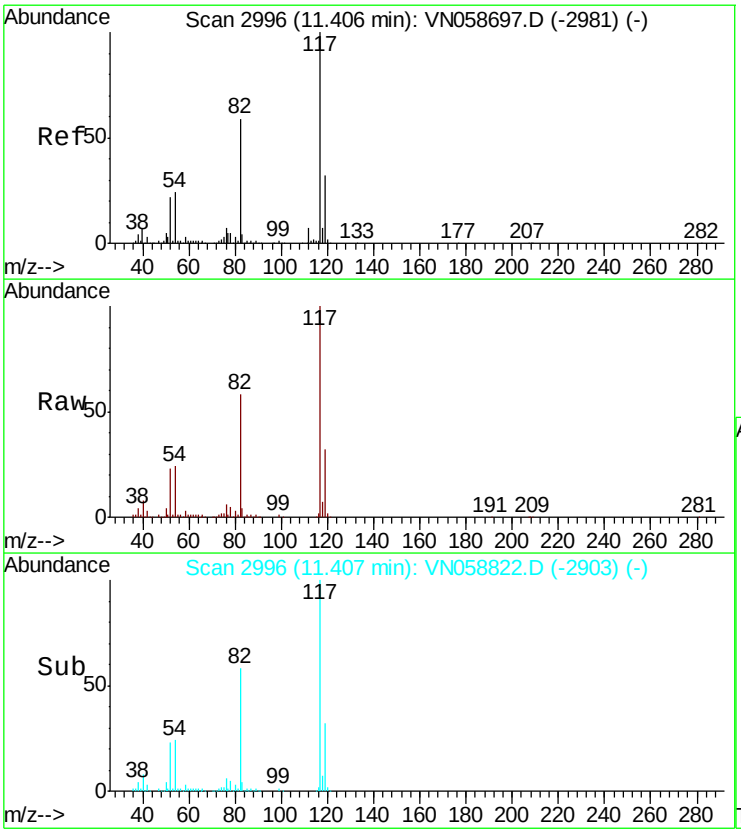
#62
4-Bromofluorobenzene
Concen: 44.006 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 237744

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.4
176	72.9	0.0	146.8

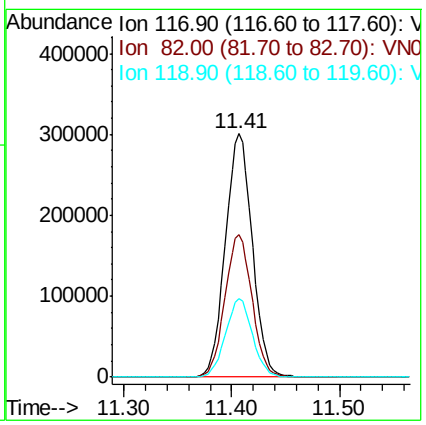


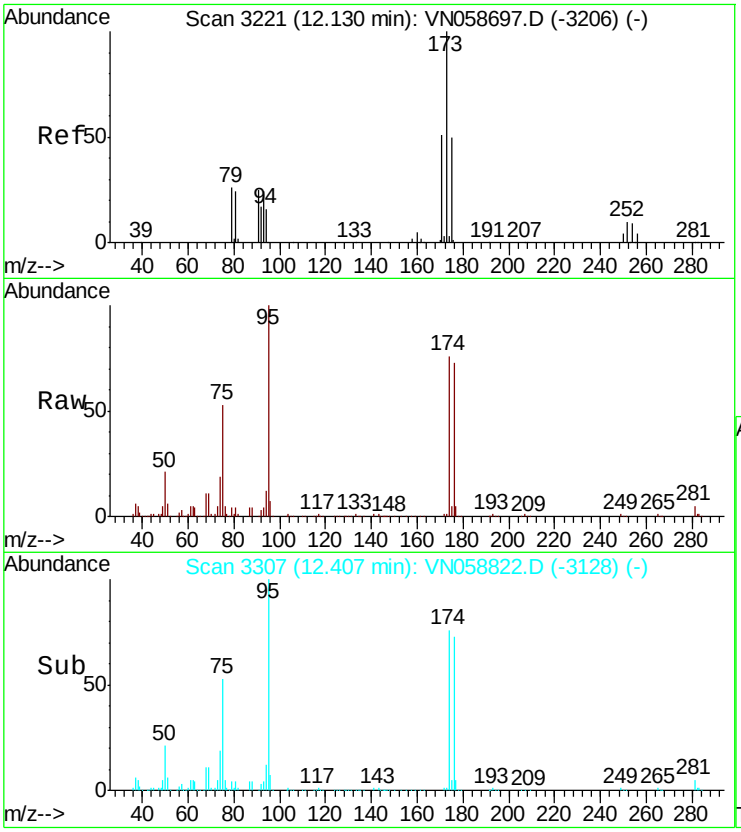


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion:117 Resp: 523553

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.0	70.4
119	32.1	25.4	38.2



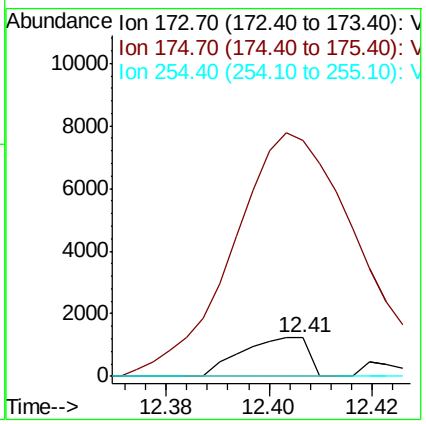


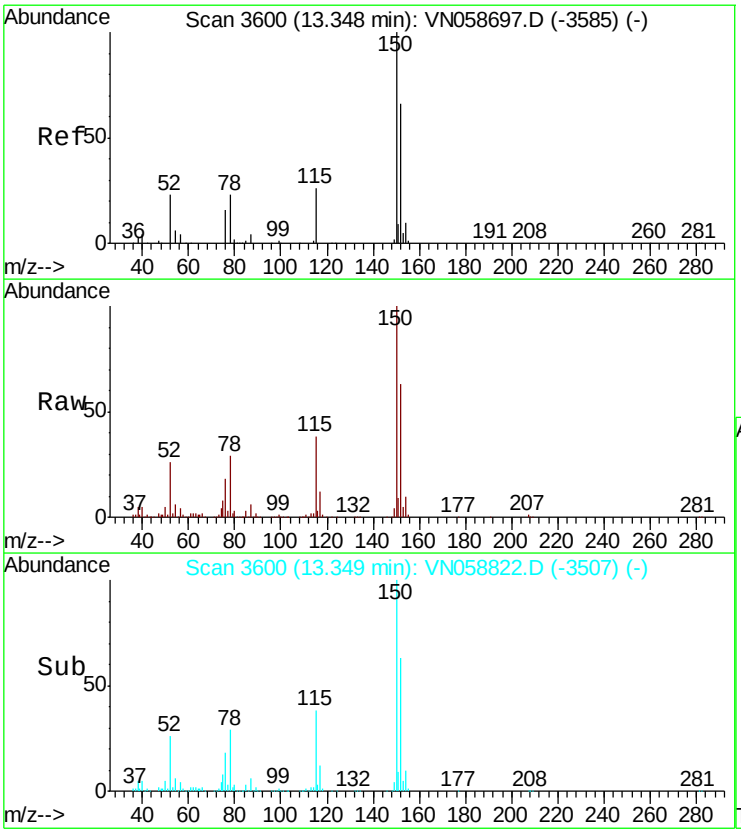
#71
Bromoform
Concen: 0.383 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 1103

Ion	Ratio	Lower	Upper
173	100		
175	1012.2	24.6	73.8#
254	0.0	0.1	0.1#

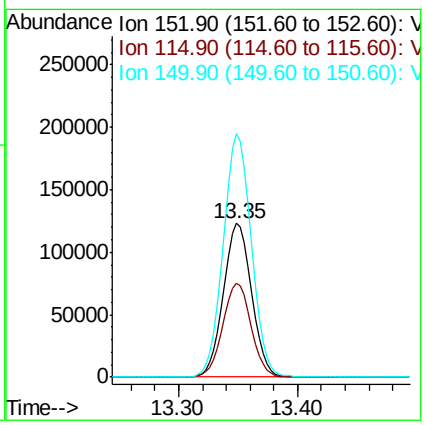


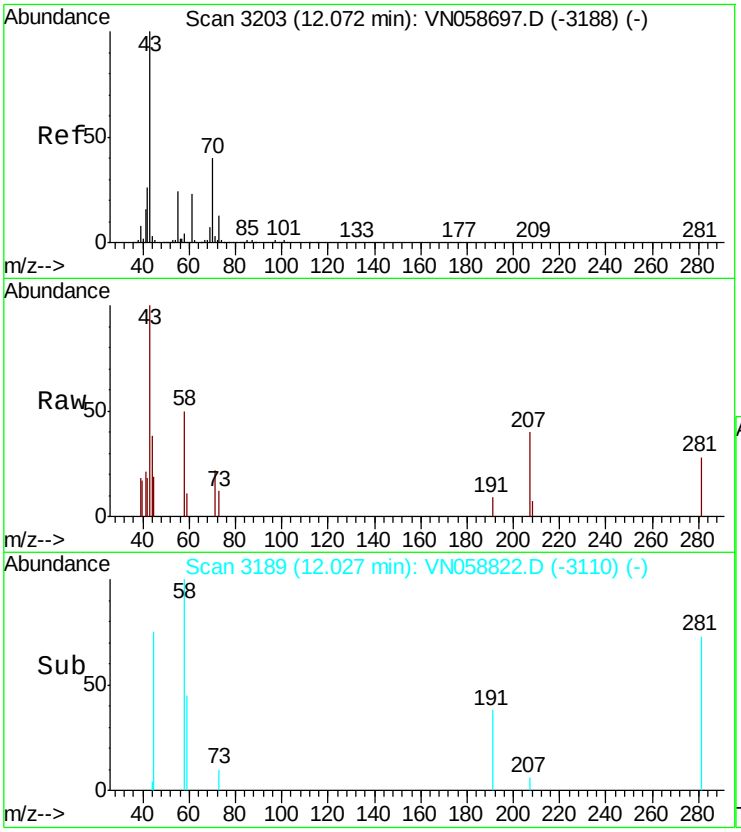


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion:152 Resp: 202651

Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.4	91.2
150	157.9	0.0	345.4



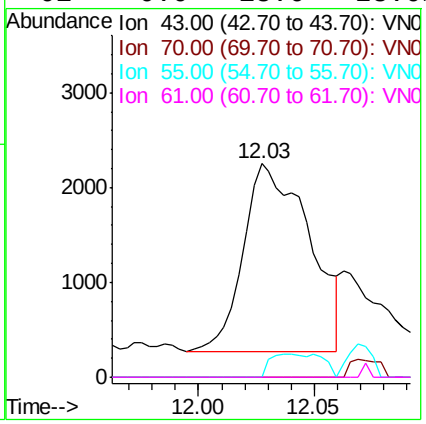


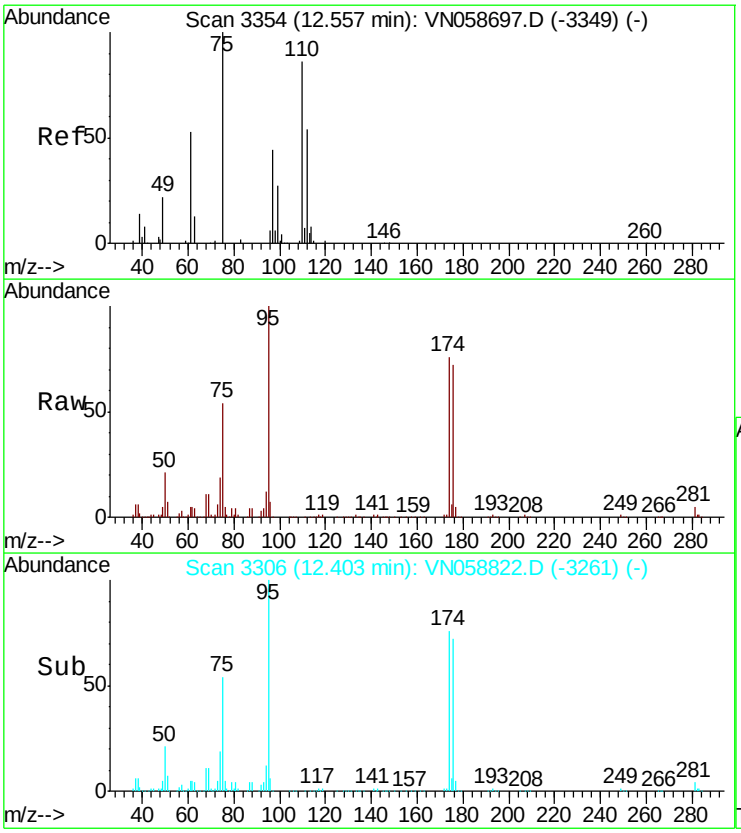
#74
N-amyl acetate
Concen: 0.591 ug/l
RT: 12.03 min Scan# 3189
Delta R.T. -0.04 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3893

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.2	48.4#
55	9.7	19.6	29.4#
61	0.0	18.6	28.0#

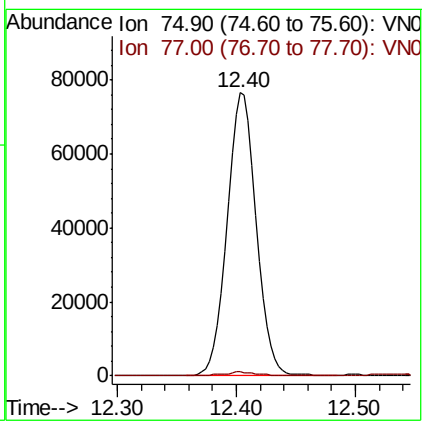


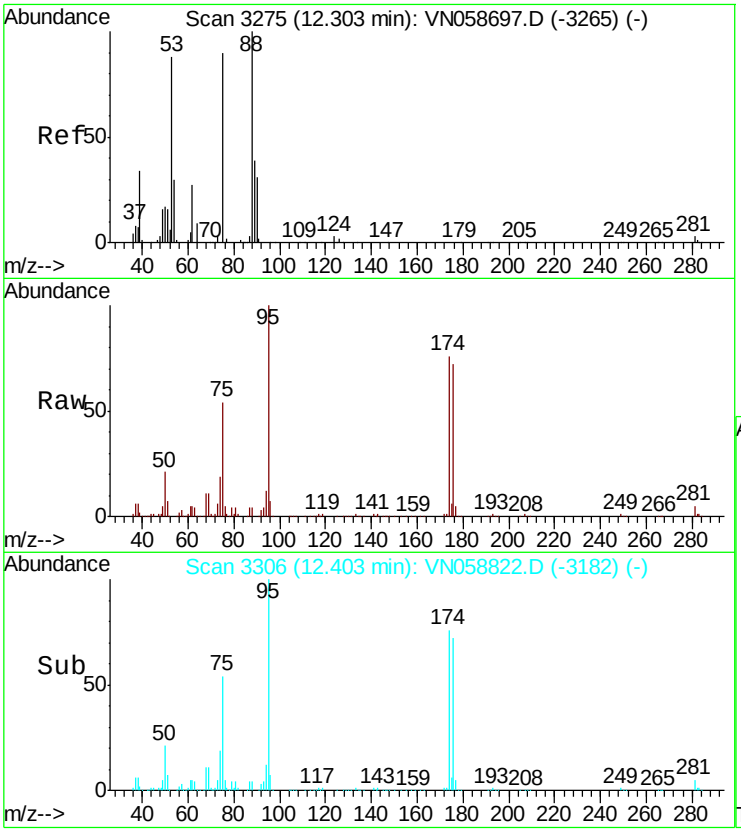


#76
1,2,3-Trichloropropane
Concen: 29.183 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion: 75 Resp: 129740

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#



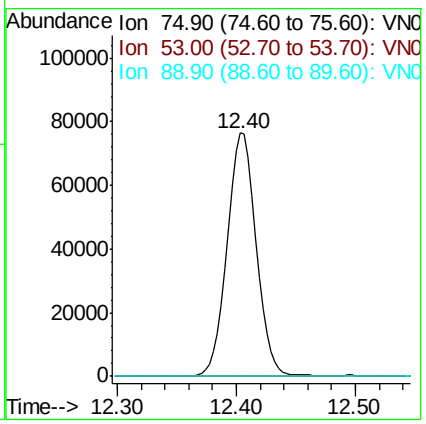


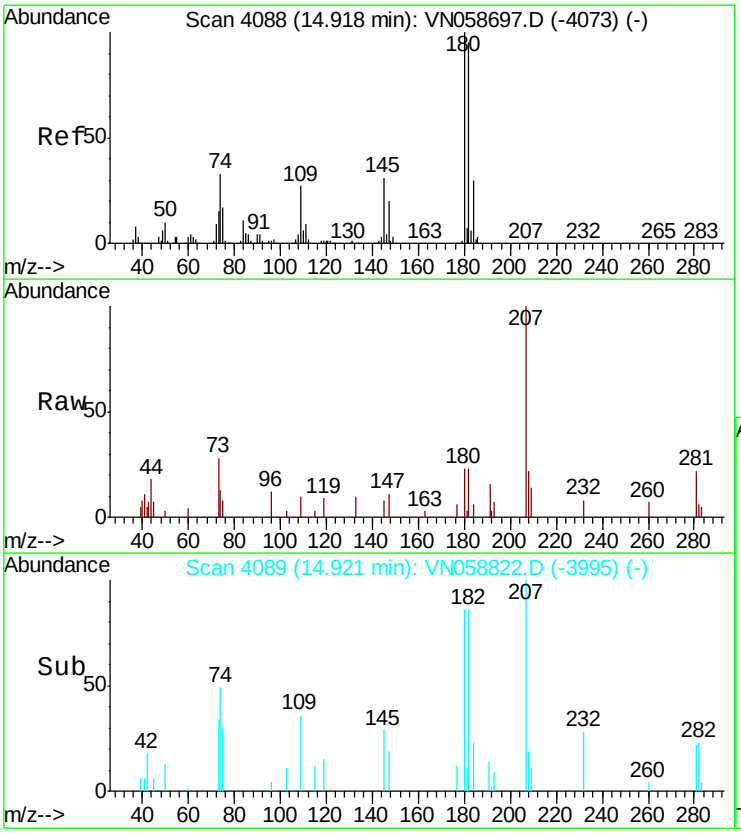
#81
trans-1,4-Dichloro-2-butene
Concen: 78.173 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 129740

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.4	117.6#
89	0.0	34.9	52.3#

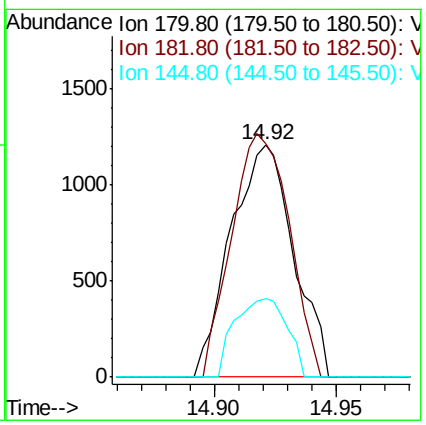


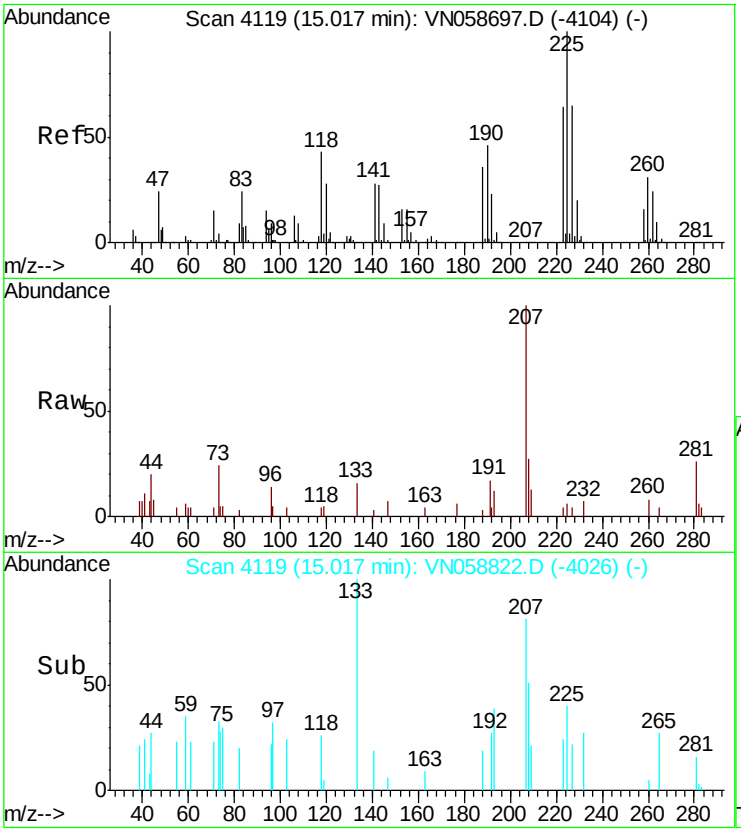


#93
1,2,4-Trichlorobenzene
Concen: 0.549 ug/l
RT: 14.92 min Scan# 4089
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion:180 Resp: 2147

Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.4	142.2
145	28.3	15.4	46.2



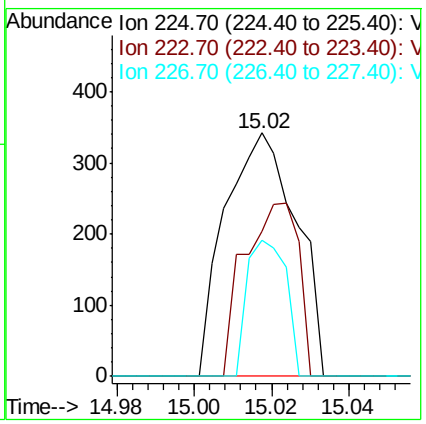


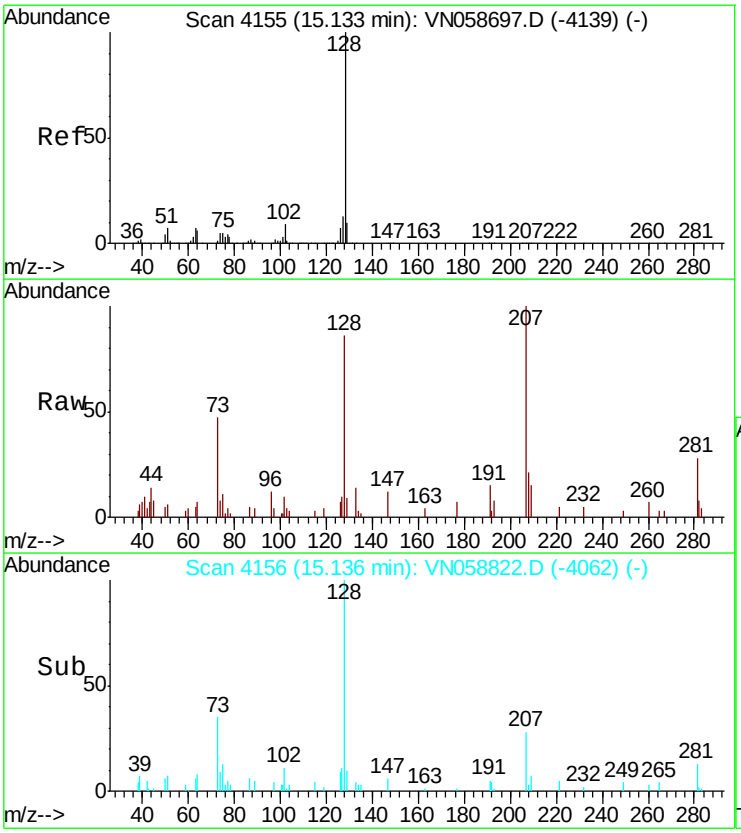
#94
Hexachlorobutadiene
Concen: 0.213 ug/l
RT: 15.02 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 439

Ion	Ratio	Lower	Upper
225	100		
223	53.8	32.3	96.8
227	30.5	32.4	97.0#

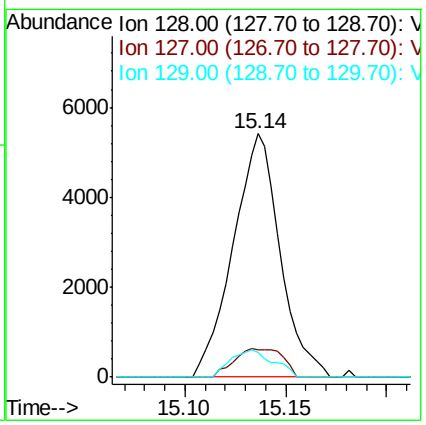


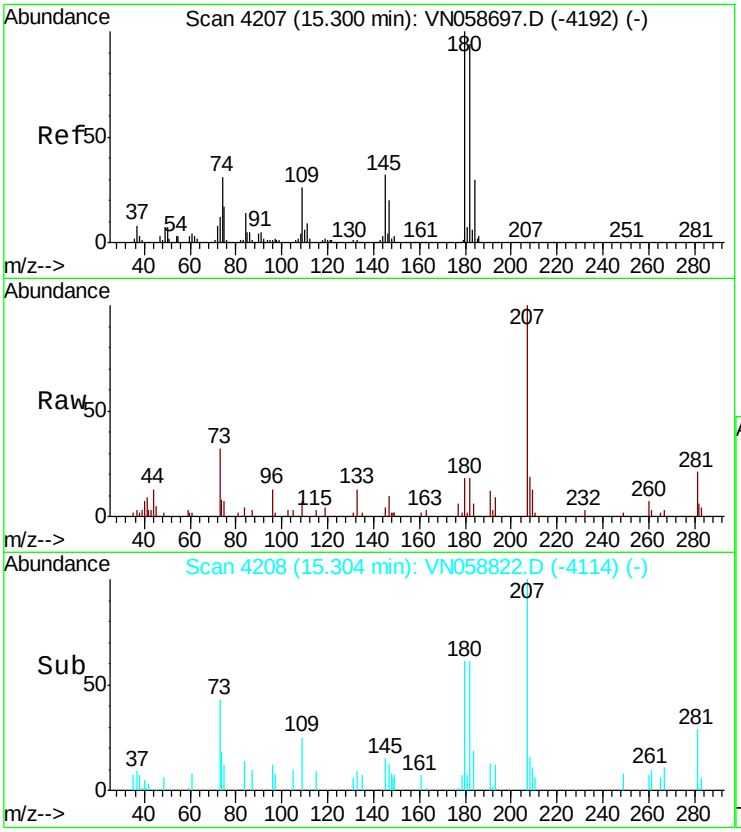


#95
Naphthalene
Concen: 0.782 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Tgt Ion:128 Resp: 8792

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.4
129	10.3	8.5	12.7





#96
1,2,3-Trichlorobenzene
Concen: 0.656 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. 0.00 min
Lab File: VN058822.D
Acq: 17 Oct 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 2508

Ion	Ratio	Lower	Upper
180	100		
182	100.5	47.3	142.0
145	24.8	16.2	48.6