Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053065.D
Acq On : 20 Dec 2018 19:01
Operator : MD\SY
Sample : J6482-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 21 00:20:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1308252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2027139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1824444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	804074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	649300	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
35) Dibromofluoromethane	7.59	113	549867	59.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.76%			
50) Toluene-d8	10.09	98	2466086	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.22%			
62) 4-Bromofluorobenzene	12.40	95	850778	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.50%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.78	59	194	0.239	ug/l #	74
13) Acrolein	3.62	56	233	0.317	ug/l	83
16) Acetone	3.82	43	67422	25.901	ug/l	98
18) Methyl Acetate	4.33	43	21895	2.808	ug/l	100
20) Methylene Chloride	4.55	84	235695	16.599	ug/l	98
25) 2-Butanone	6.84	43	22557	5.163	ug/l #	88
29) Tetrahydrofuran	7.23	42	2792	0.856	ug/l #	74
31) Cyclohexane	7.66	56	20601	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	85702	4.405	ug/l #	48
37) Ethyl Acetate	6.94	43	10739	0.989	ug/l	98
38) Carbon Tetrachloride	7.66	117	111929	6.276	ug/l #	16
43) Isopropyl Acetate	8.17	43	52346	1.477	ug/l #	81
48) Methyl methacrylate	9.18	41	19018	1.804	ug/l #	24
49) 1,4-Dioxane	9.26	88	203	1.523	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	72195	6.863	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	116943	5.190	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	15398	0.718	ug/l #	42
59) 2-Hexanone	10.76	43	212724	29.890	ug/l #	52
68) m/p-Xylenes	11.62	106	9036	0.342	ug/l	99
69) o-Xylene	11.95	106	5605	0.221	ug/l	92
71) Bromoform	12.40	173	5175	0.509	ug/l #	1
74) N-amyl acetate	12.03	43	17132	0.981	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	394232	29.125	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	394232	93.874	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	12259	0.238	ug/l	97
93) 1,2,4-Trichlorobenzene	14.90	180	346	0.620	ug/l	87
95) Naphthalene	15.13	128	26200	1.956	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	99	0.515	ug/l #	75

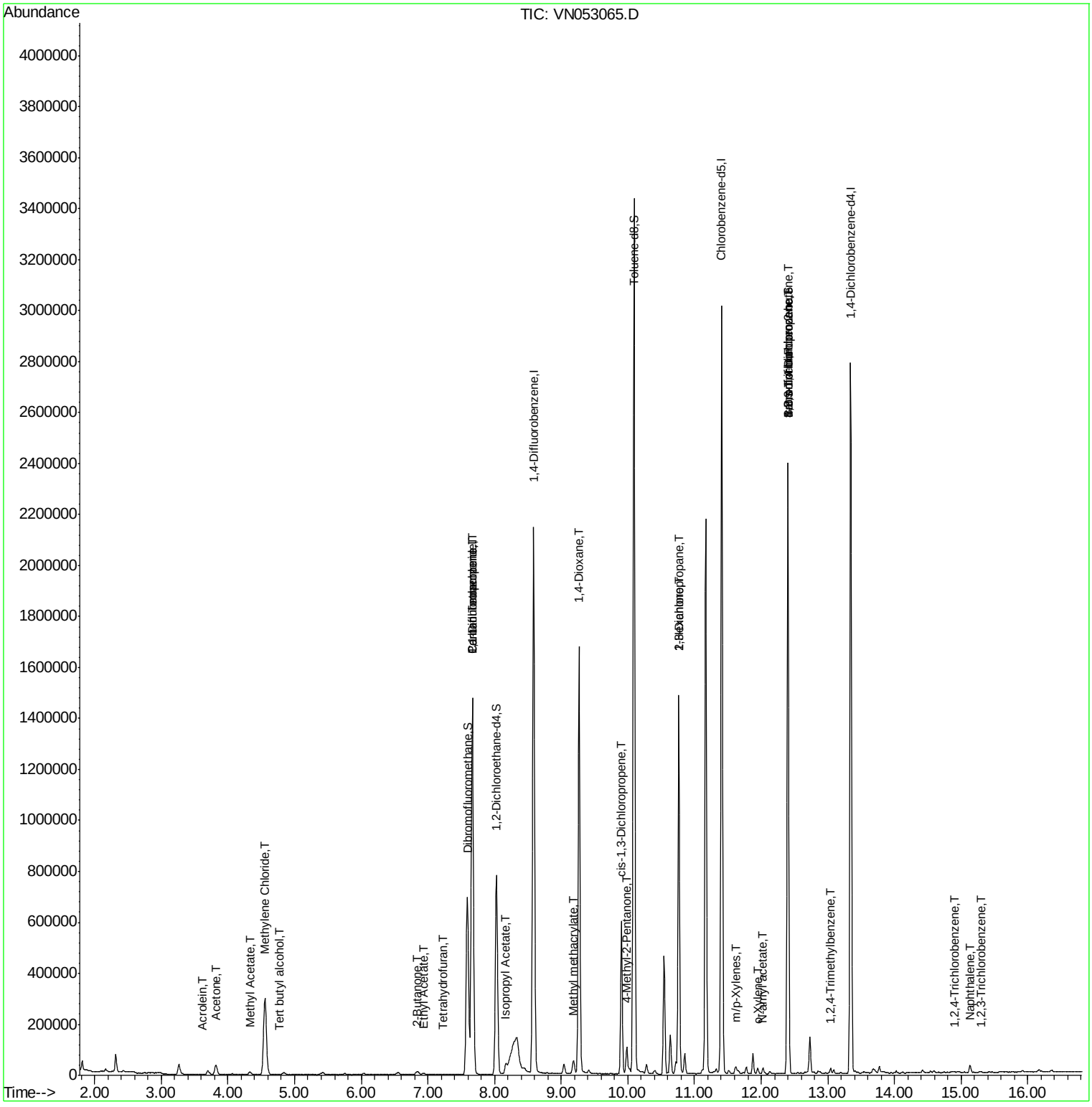
(#) = qualifier out of range (m) = manual integration (+) = signals summed

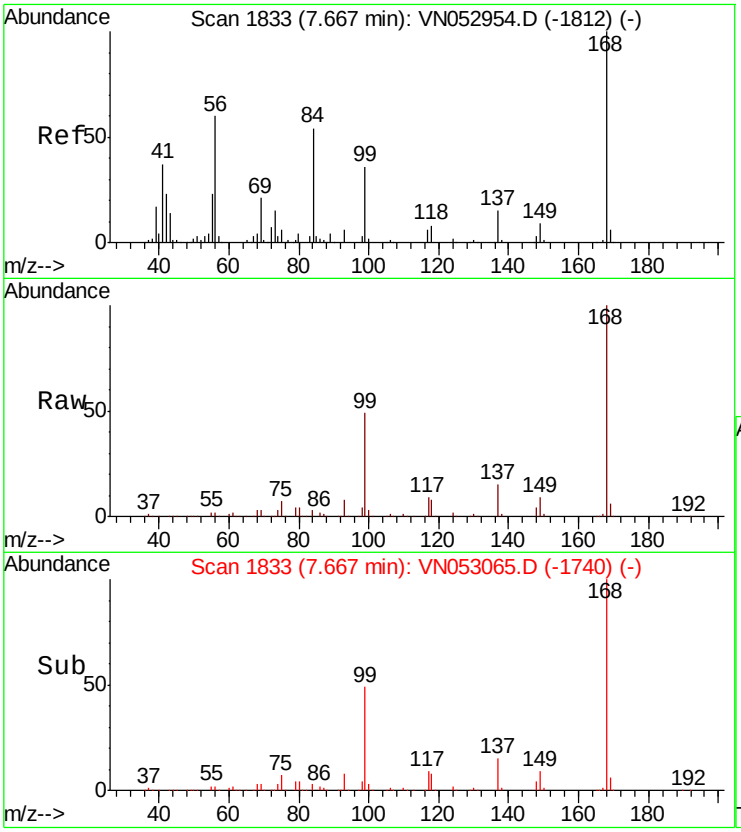
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053065.D
Acq On : 20 Dec 2018 19:01
Operator : MD\SY
Sample : J6482-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 21 00:20:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration



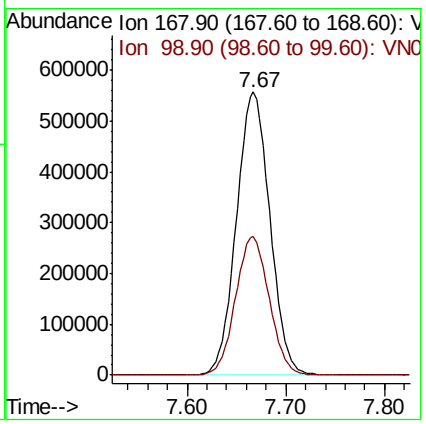


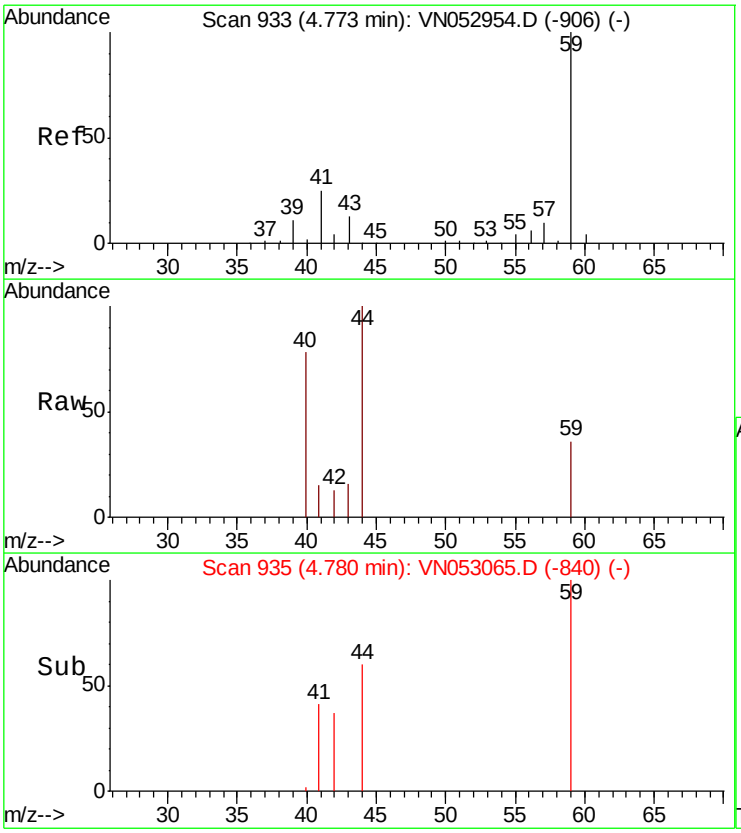
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1308252

Ion	Ratio	Lower	Upper
168	100		
99	49.0	40.2	60.2

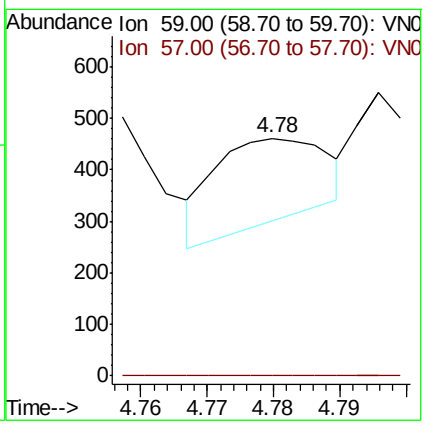


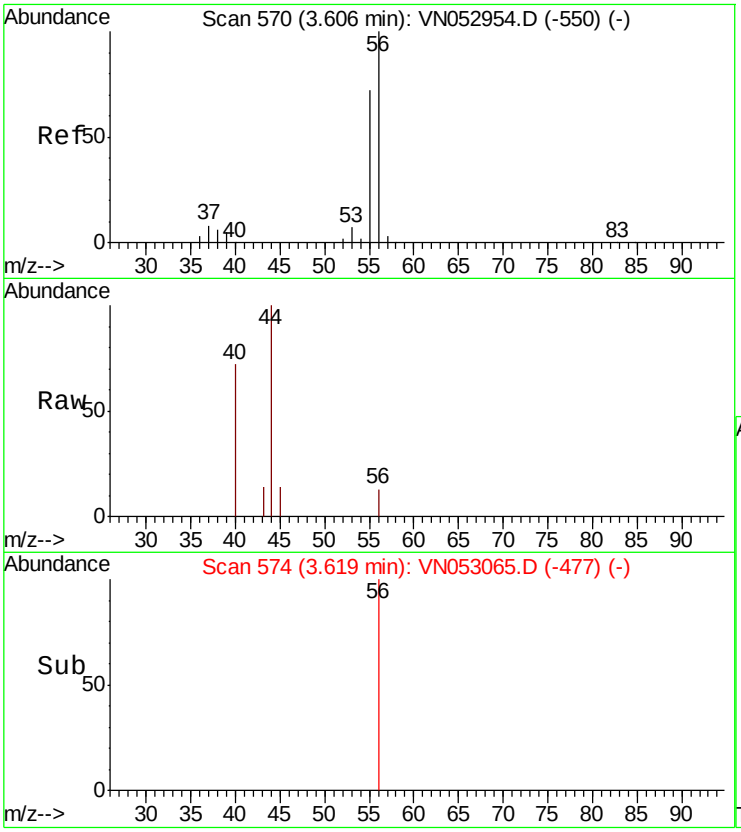


#11
Tert butyl alcohol
Concen: 0.239 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 59 Resp: 194

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#



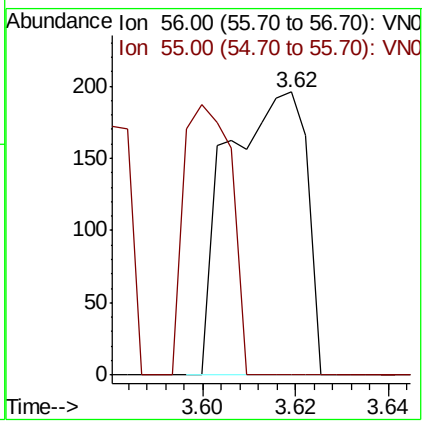


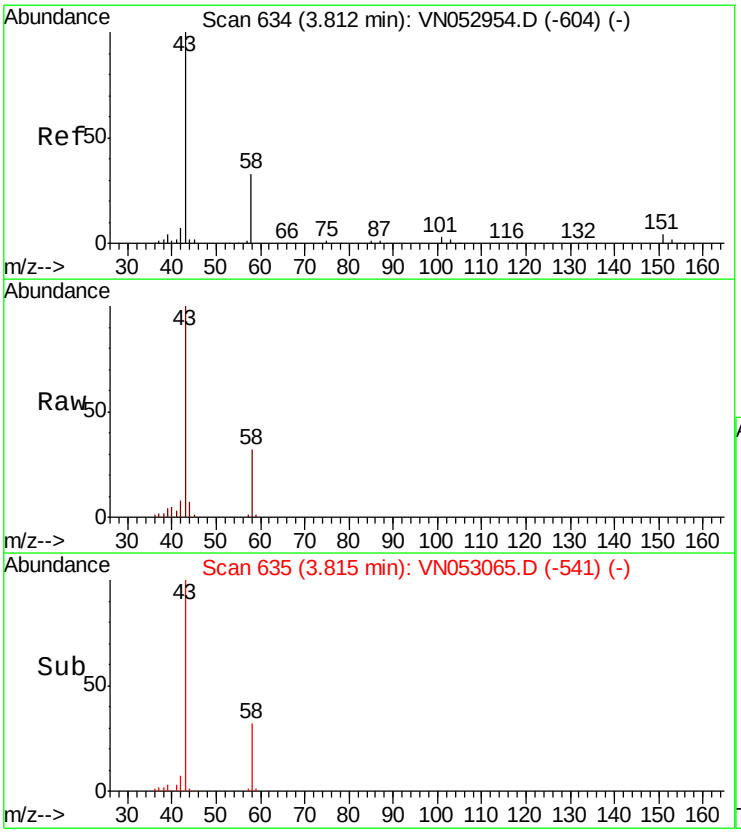
#13
Acrolein
Concen: 0.317 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 233

Ion	Ratio	Lower	Upper
56	100		
55	57.1	56.6	85.0

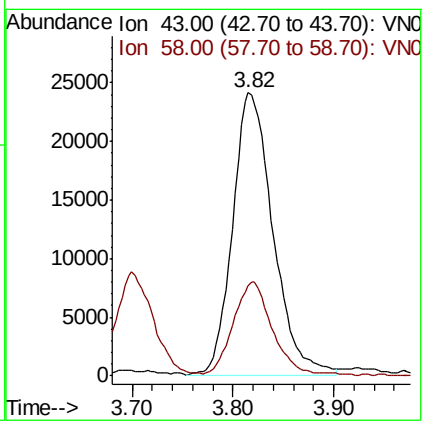


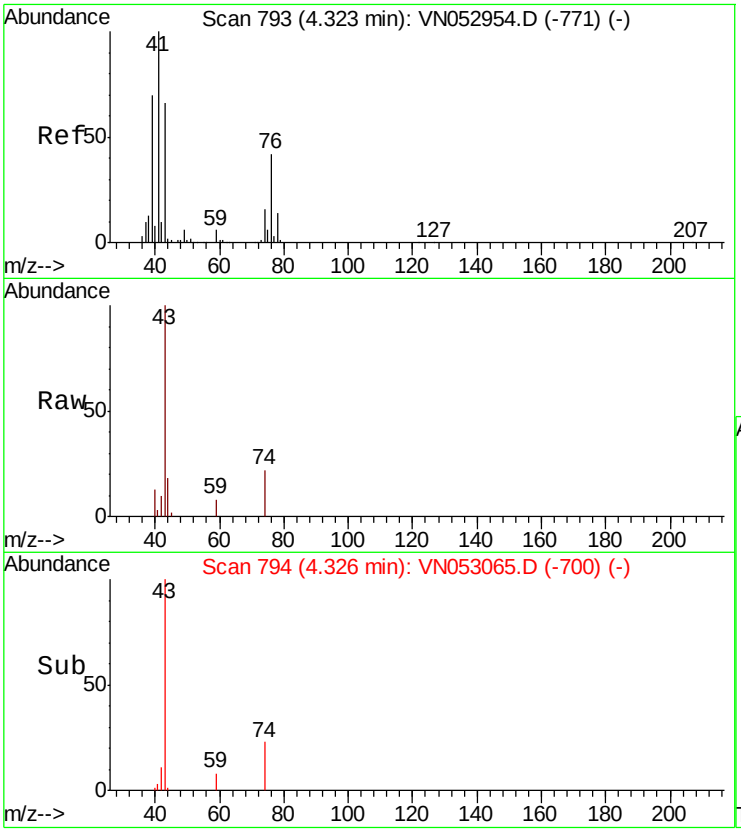


#16
Acetone
Concen: 25.901 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 43 Resp: 67422

Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.4	38.0



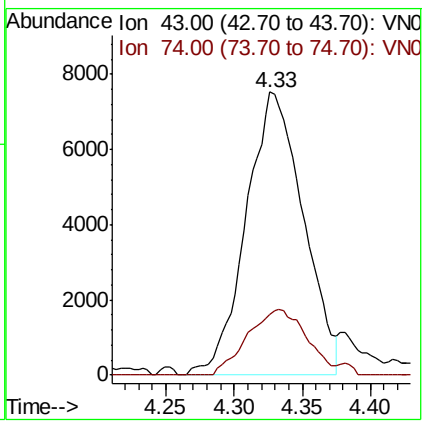


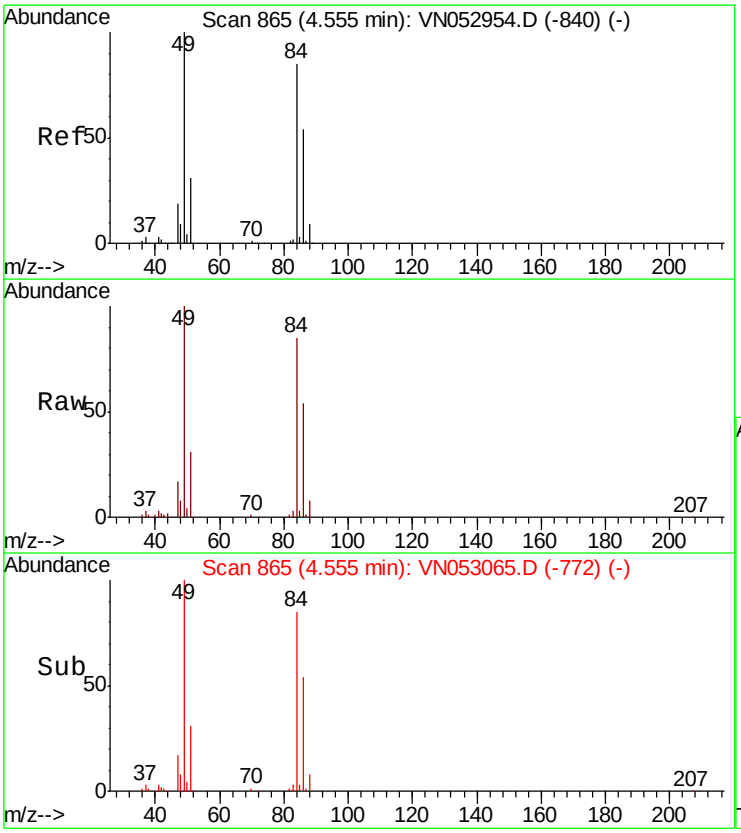
#18
Methyl Acetate
Concen: 2.808 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 21895

Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.2	28.8

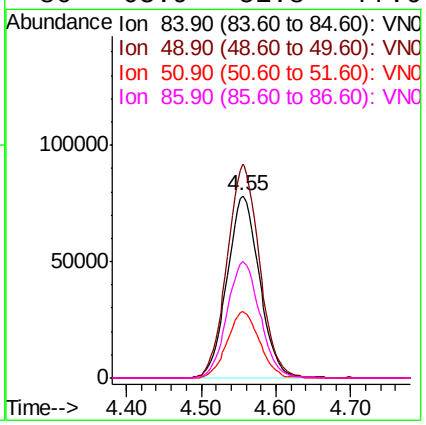


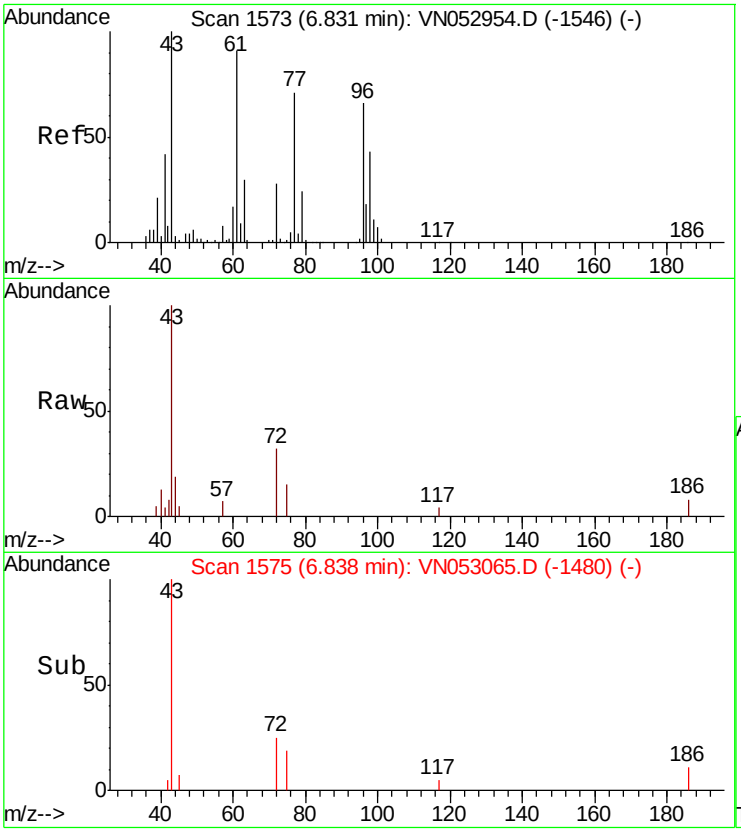


#20
Methylene Chloride
Concen: 16.599 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 84 Resp: 235695

Ion	Ratio	Lower	Upper
84	100		
49	117.4	96.8	145.2
51	36.5	29.9	44.9
86	63.9	51.8	77.6



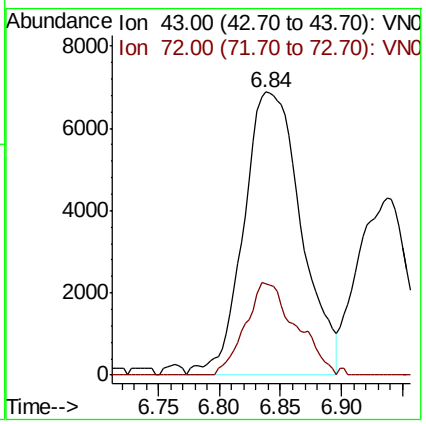


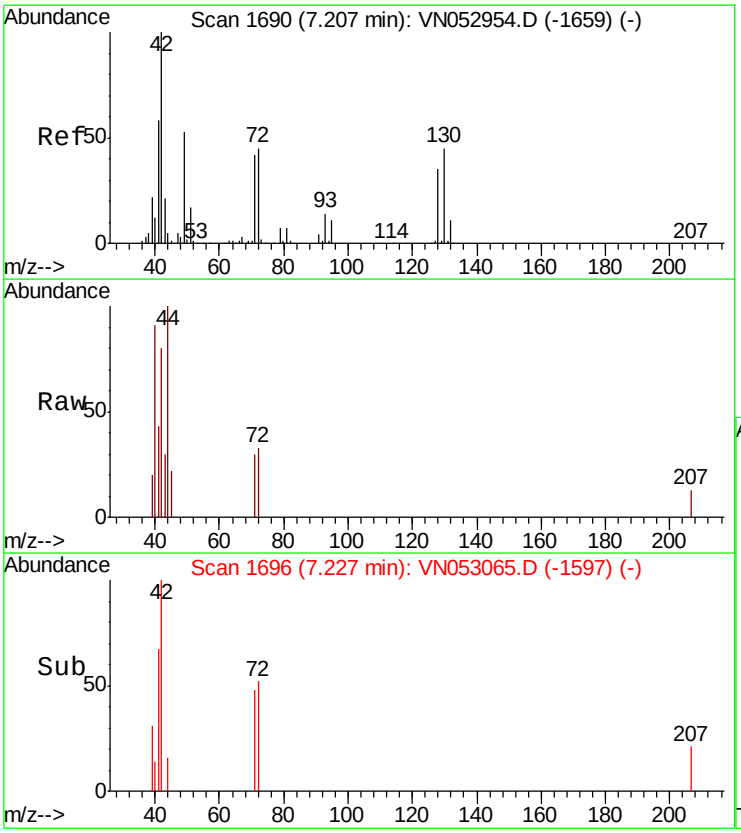
#25
2-Butanone
Concen: 5.163 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 22557

Ion	Ratio	Lower	Upper
43	100		
72	32.4	21.0	31.6#

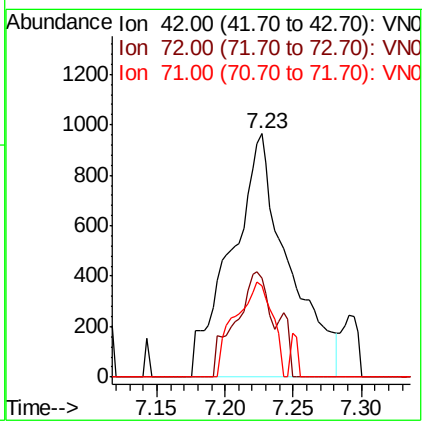


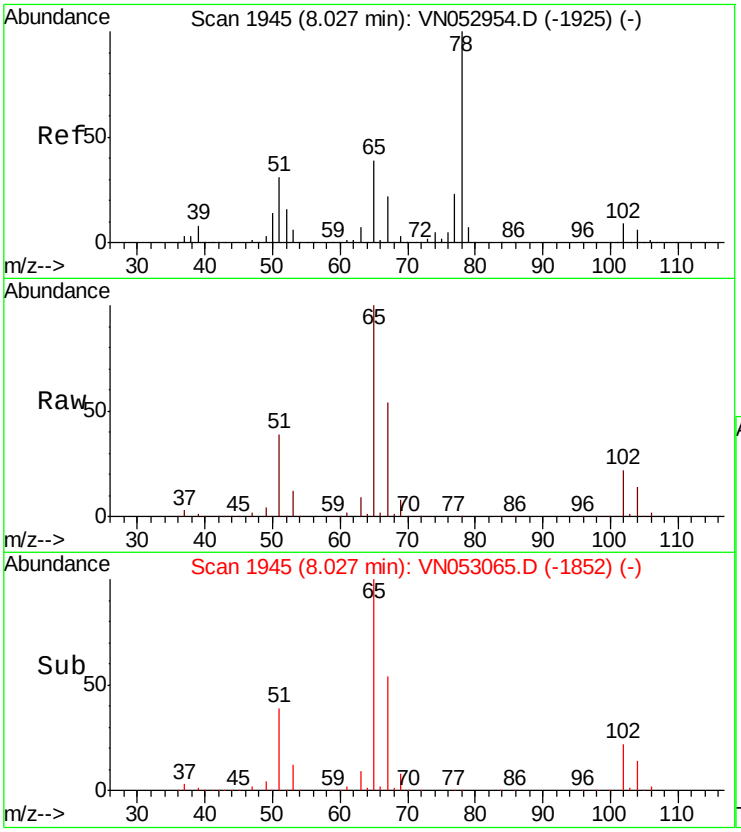


#29
Tetrahydrofuran
Concen: 0.856 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 42 Resp: 2792

Ion	Ratio	Lower	Upper
42	100		
72	25.7	34.7	52.1#
71	25.5	32.3	48.5#



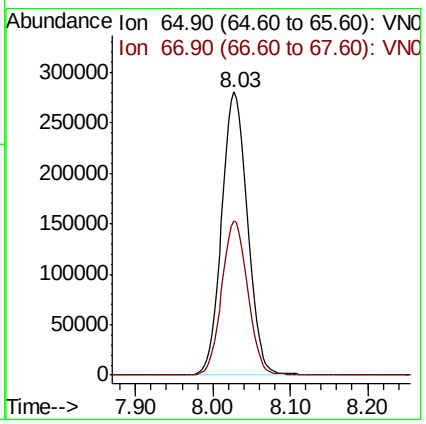


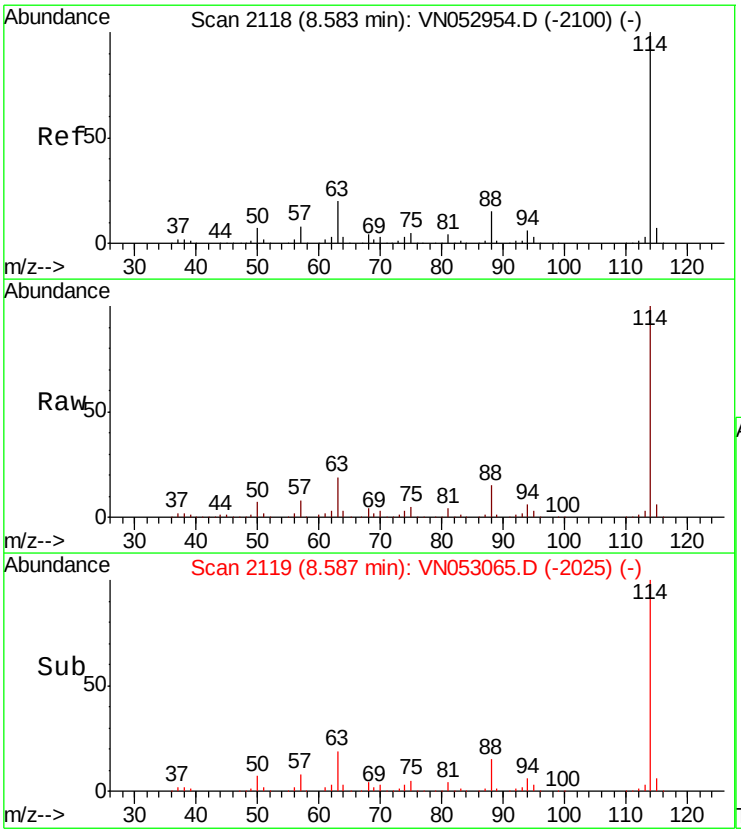
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 649300

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.4

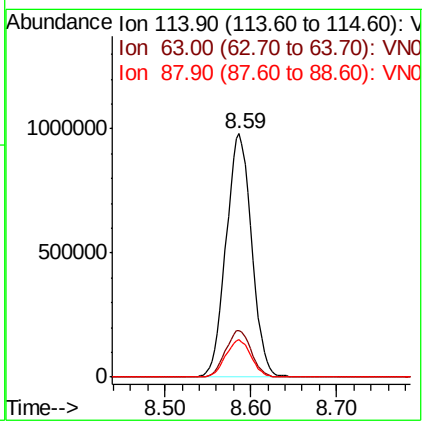


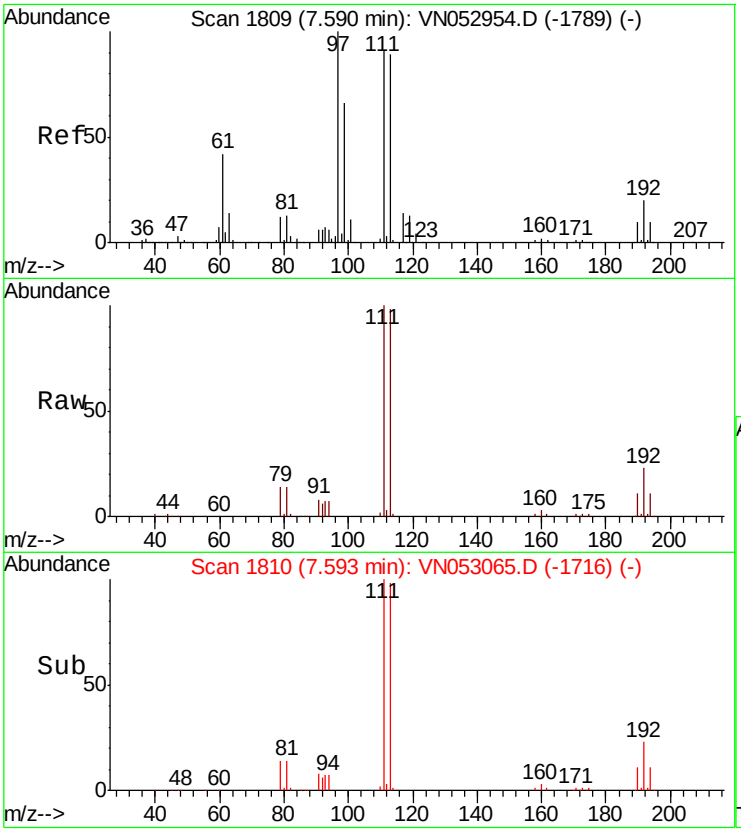


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion:114 Resp: 2027139

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.8
88	15.2	0.0	31.0



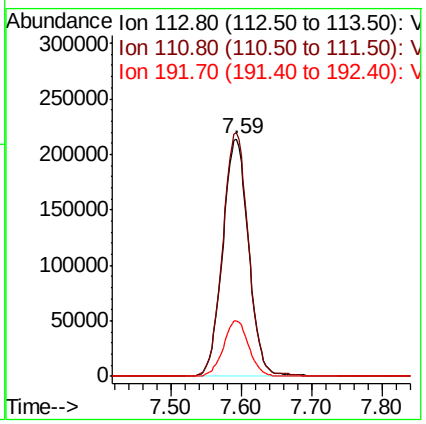


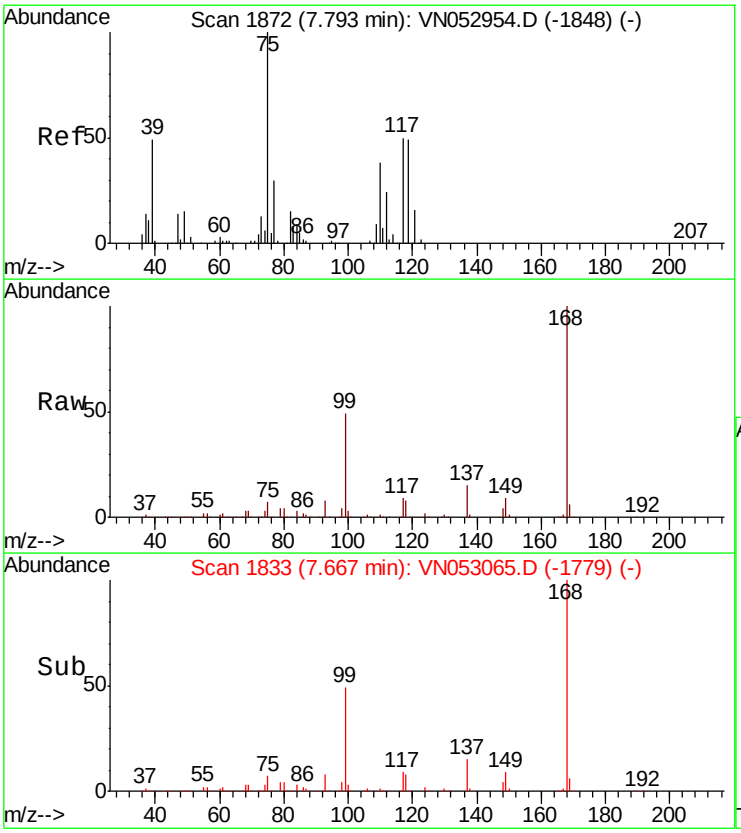
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 549867

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.4
192	22.7	17.5	26.3

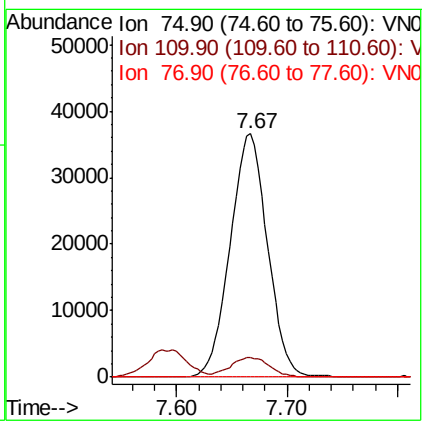


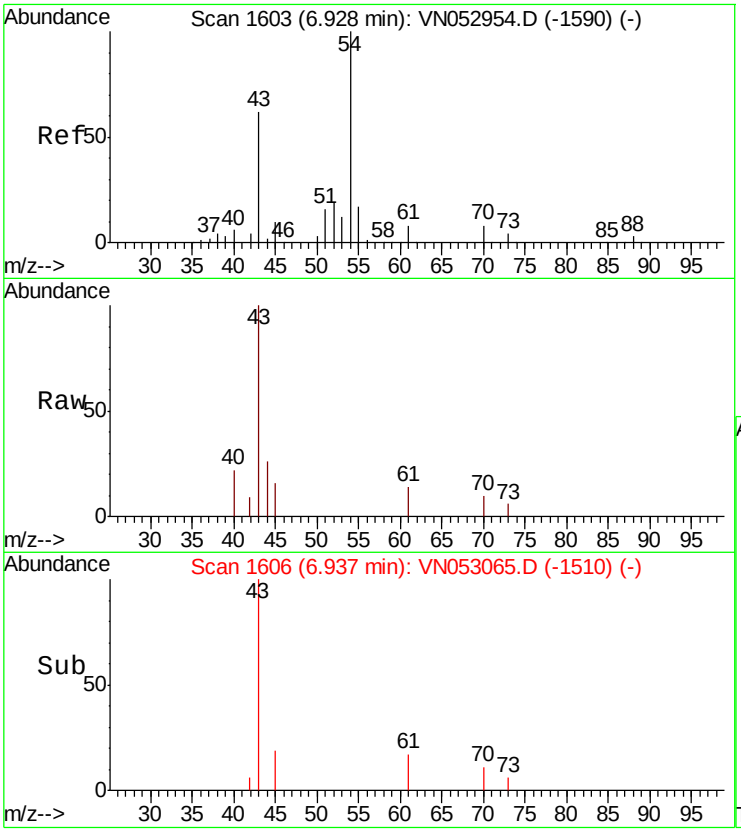


#36
1,1-Dichloropropene
Concen: 4.405 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 75 Resp: 85702

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#



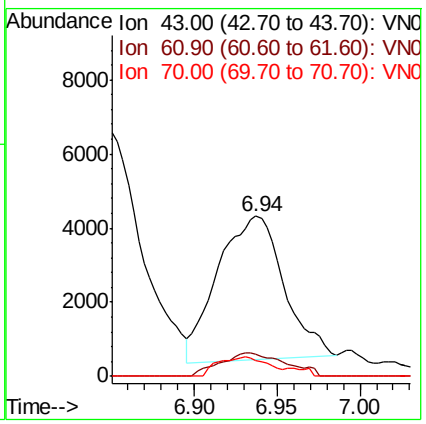


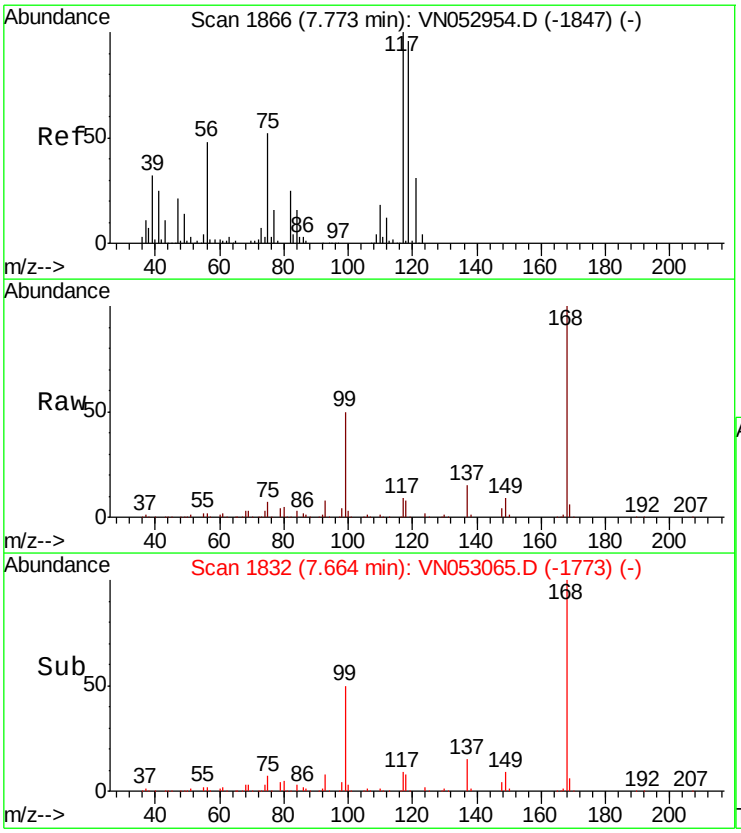
#37
Ethyl Acetate
Concen: 0.989 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 10739

Ion	Ratio	Lower	Upper
43	100		
61	16.1	11.8	17.6
70	10.2	8.4	12.6

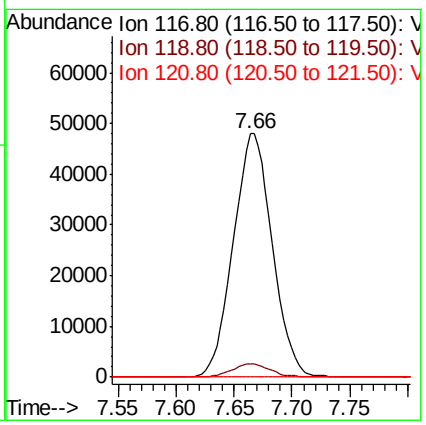


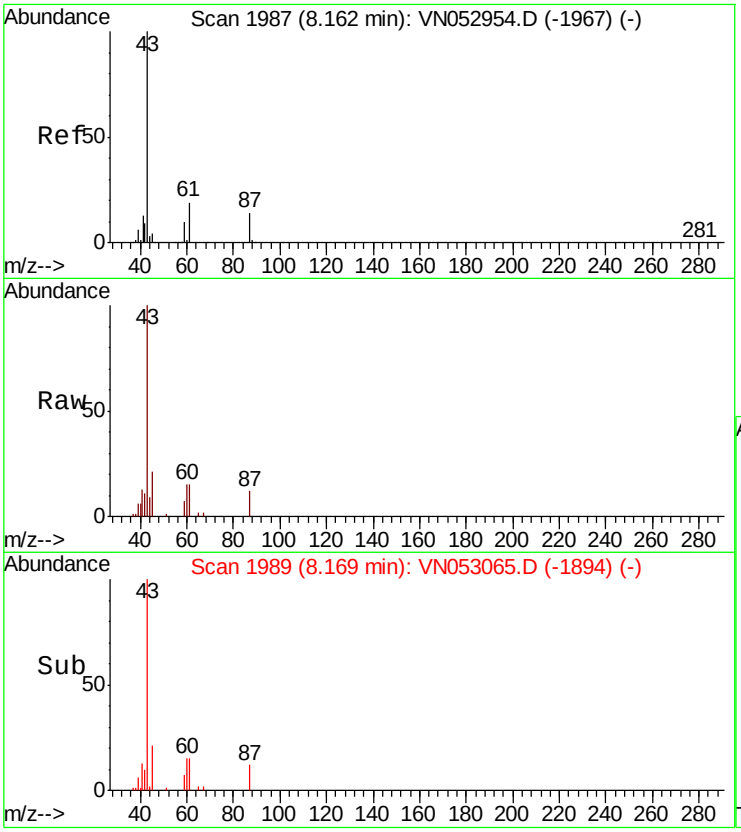


#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion:117 Resp: 111929

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.1	115.7#
121	0.0	24.9	37.3#



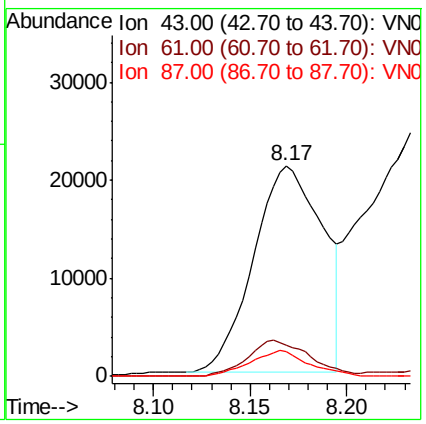


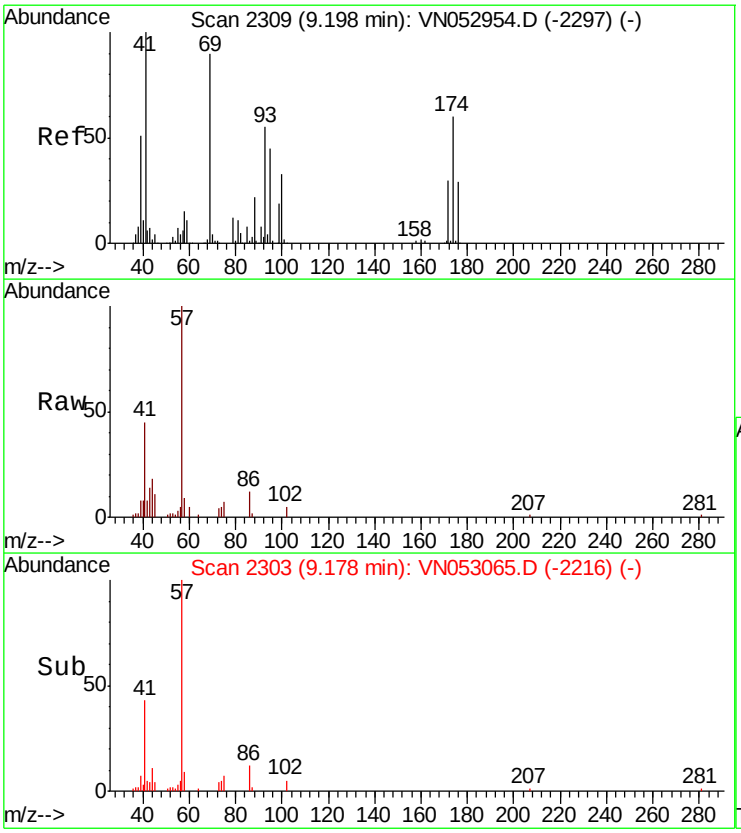
#43
Isopropyl Acetate
Concen: 1.477 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 52346

Ion	Ratio	Lower	Upper
43	100		
61	15.7	22.9	34.3#
87	10.7	10.6	15.8

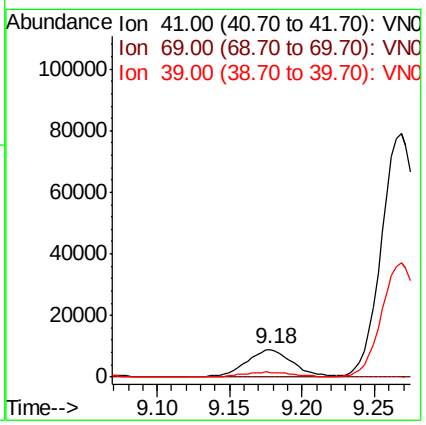


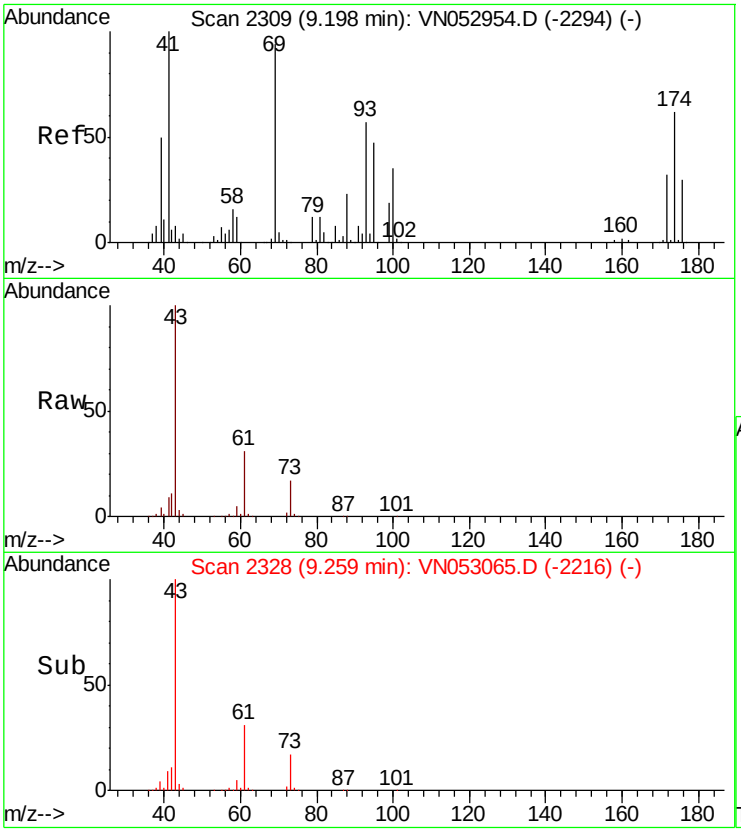


#48
Methyl methacrylate
Concen: 1.804 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 41 Resp: 19018

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.2	108.2#
39	21.9	41.9	62.9#



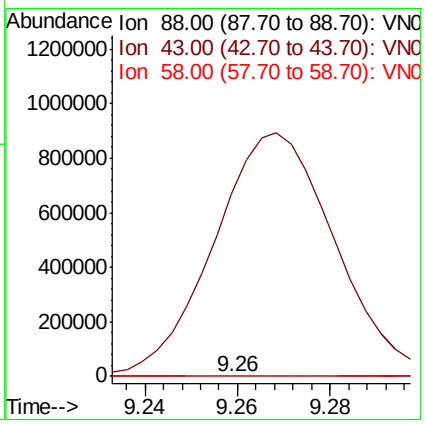


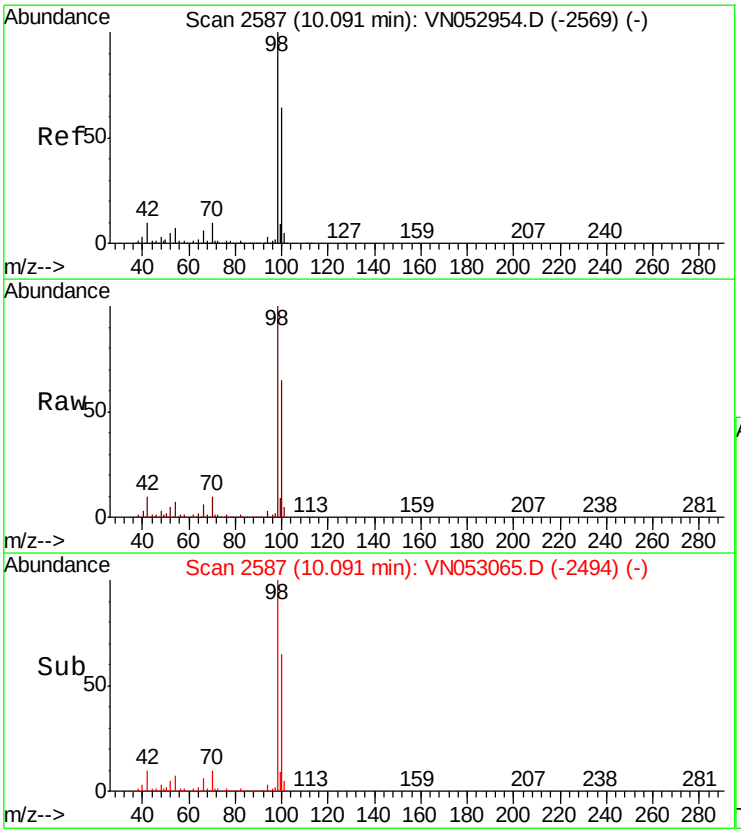
#49
1,4-Dioxane
Concen: 1.523 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 203

Ion	Ratio	Lower	Upper
88	100		
43	807661.1	26.6	40.0#
58	3733.5	58.4	87.6#

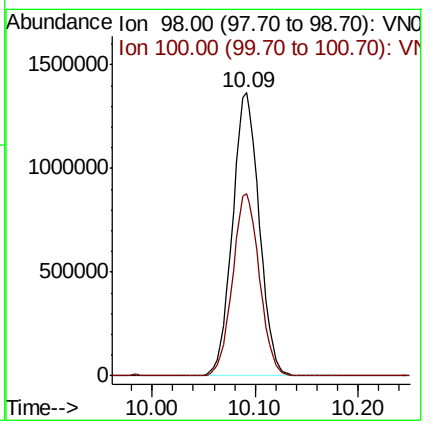


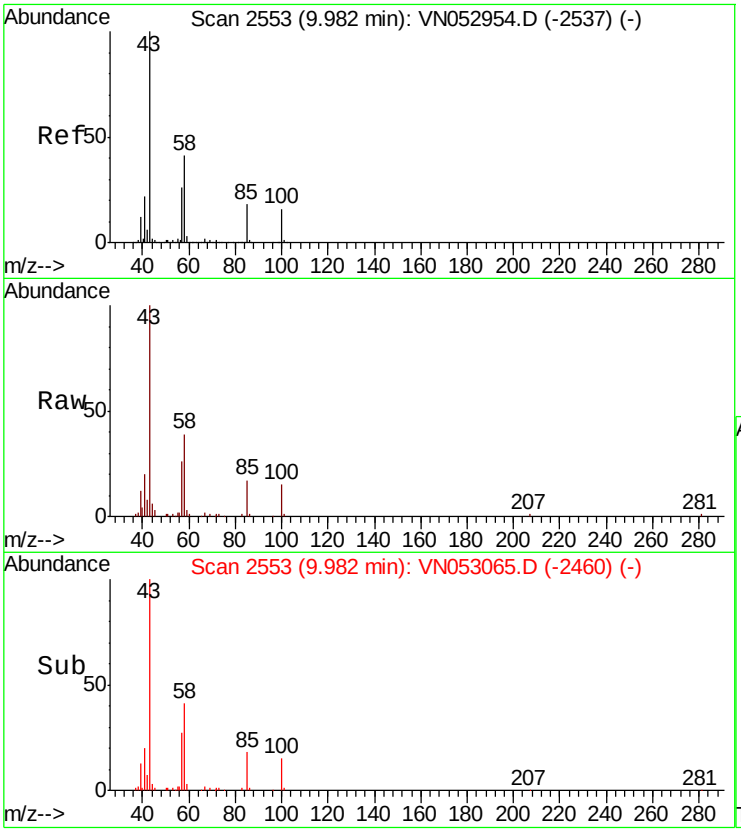


#50
Toluene-d8
Concen: 1.523 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 98 Resp: 2466086

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4



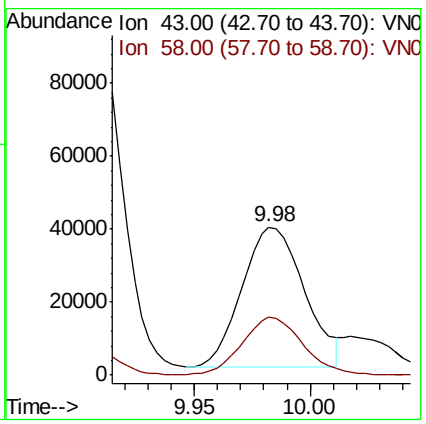


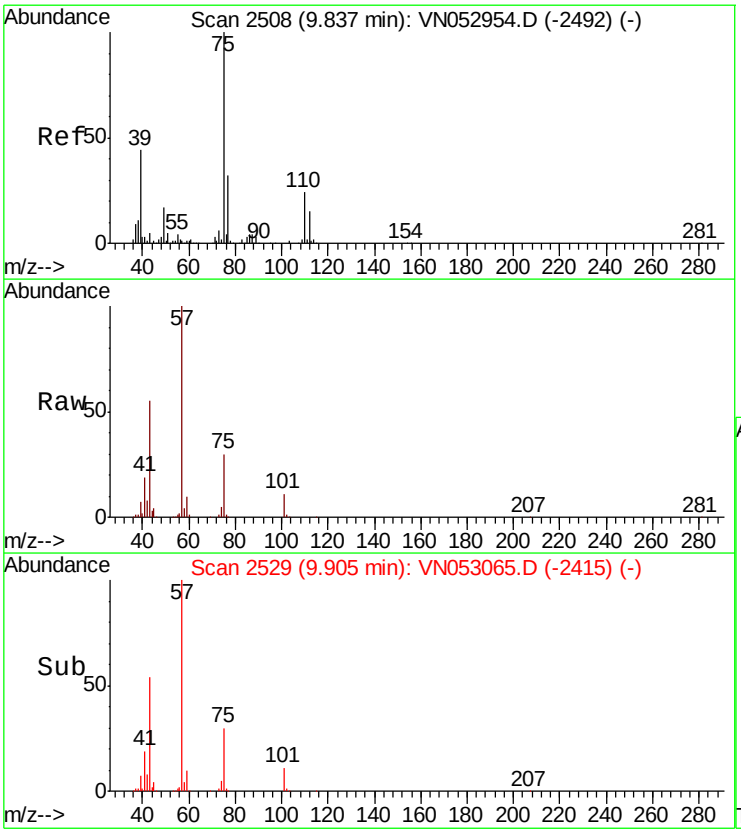
#51
4-Methyl-2-Pentanone
Concen: 6.863 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 72195

Ion	Ratio	Lower	Upper
43	100		
58	40.4	32.2	48.4

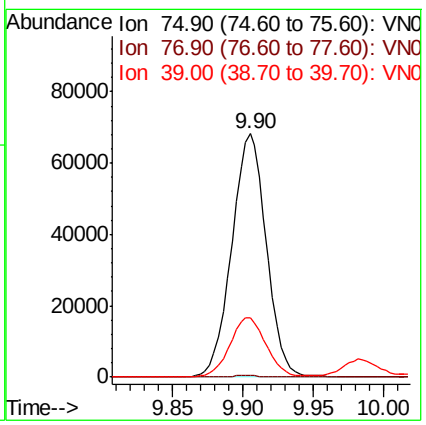


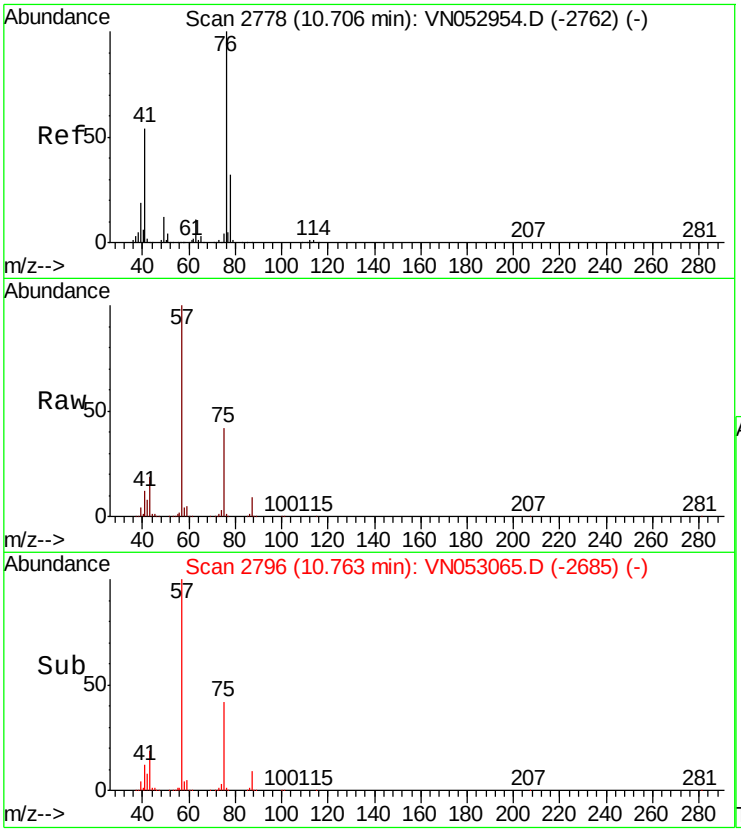


#54
cis-1,3-Dichloropropene
Concen: 5.190 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 75 Resp: 116943

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.8	38.8#
39	24.2	34.8	52.2#



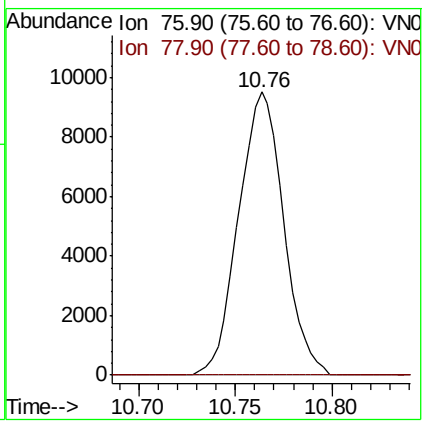


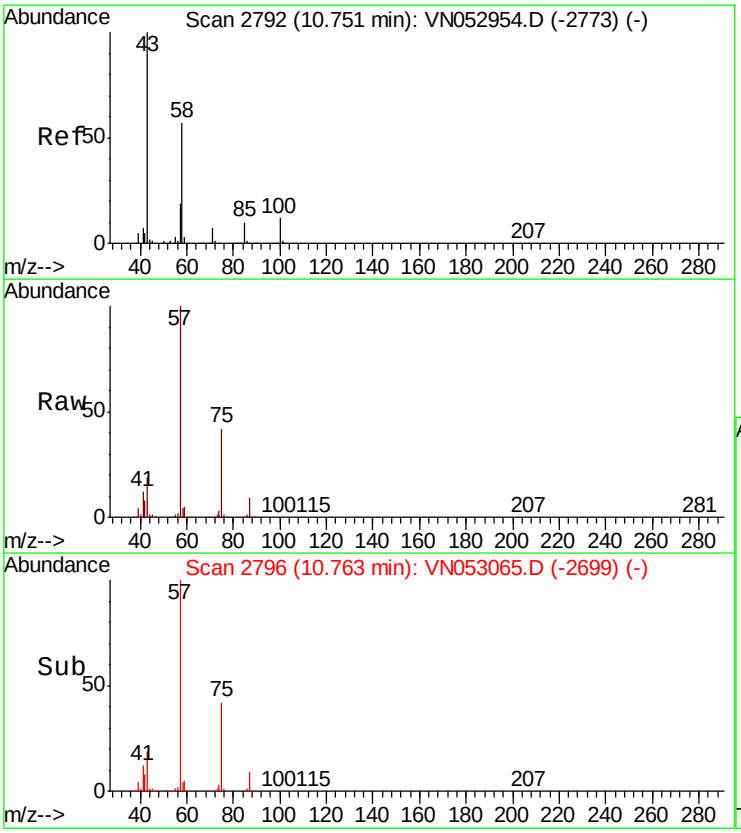
#57
1,3-Dichloropropane
Concen: 0.718 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 15398

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

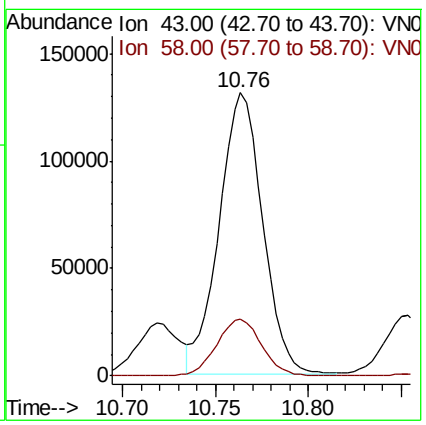


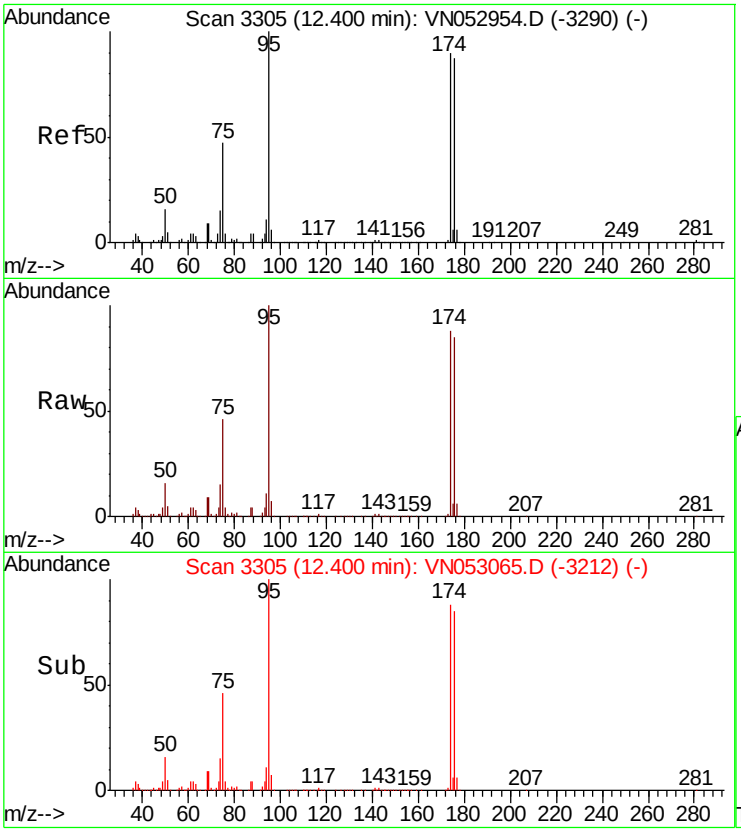


#59
2-Hexanone
Concen: 29.890 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 43 Resp: 212724

Ion	Ratio	Lower	Upper
43	100		
58	21.0	28.1	84.3#



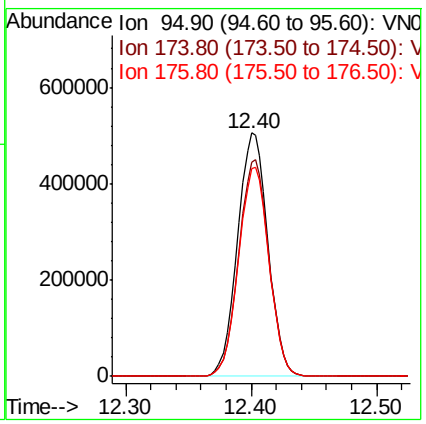


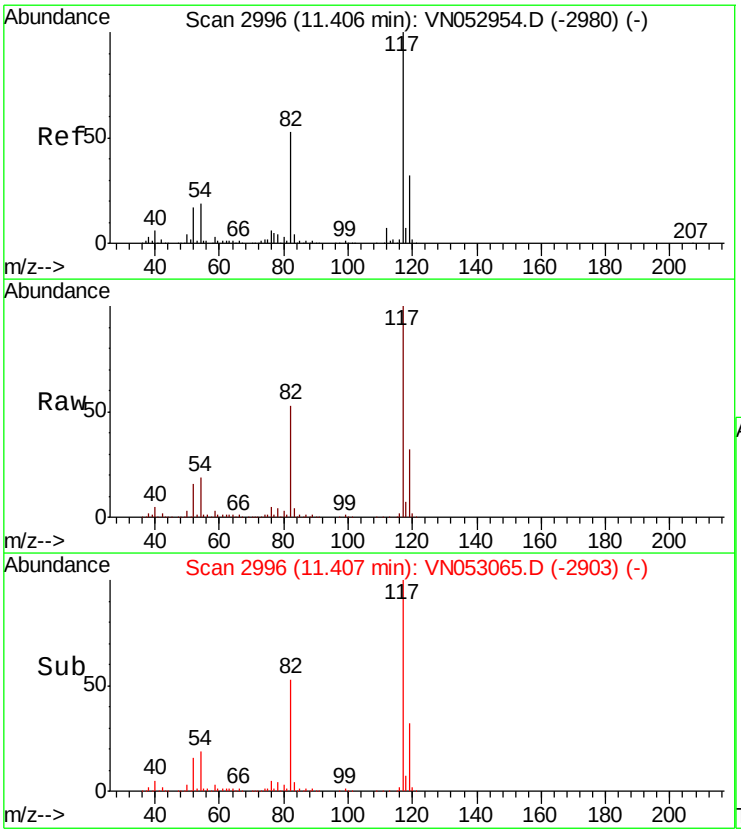
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 850778

Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	178.8
176	86.0	0.0	173.8

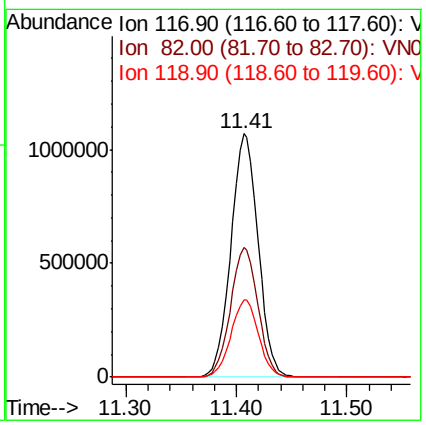


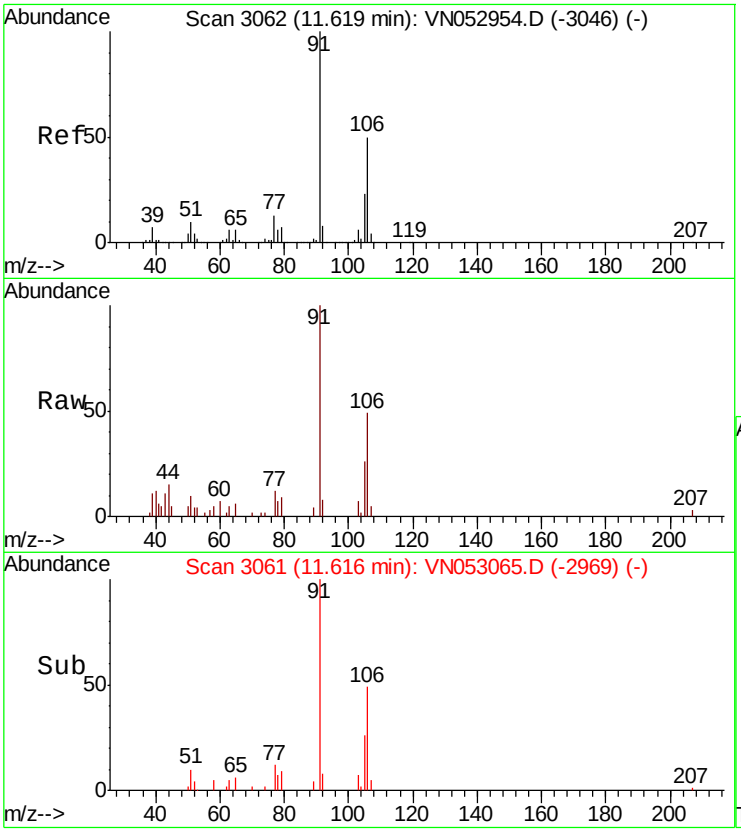


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion:117 Resp: 1824444

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.8	64.2
119	31.9	25.5	38.3



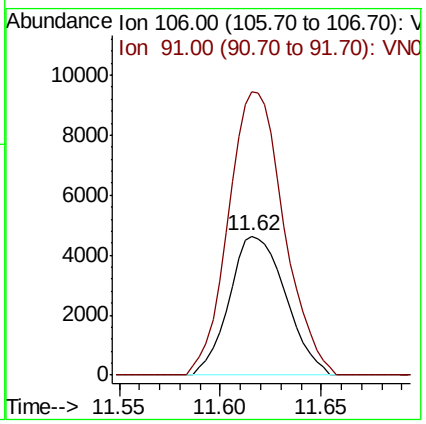


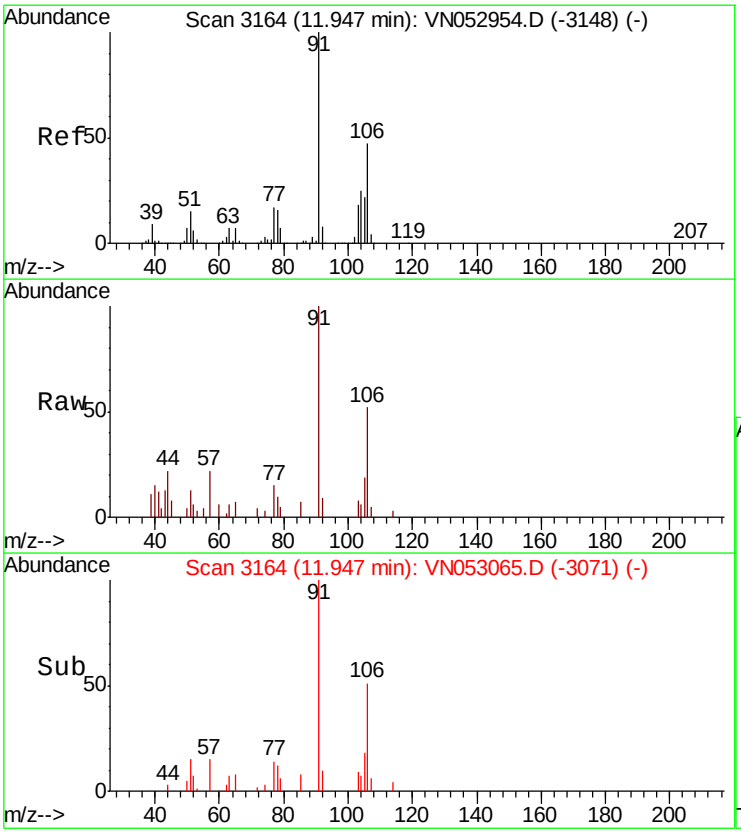
#68
m/p-Xylenes
Concen: 0.342 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 9036

Ion	Ratio	Lower	Upper
106	100		
91	201.2	162.2	243.4

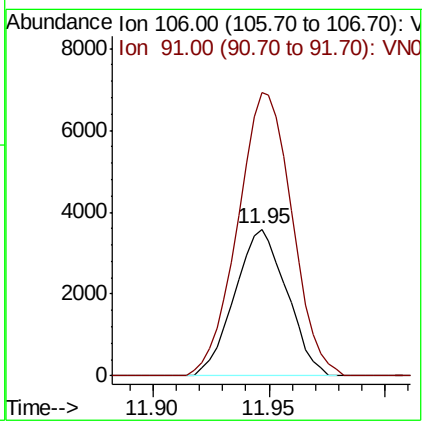


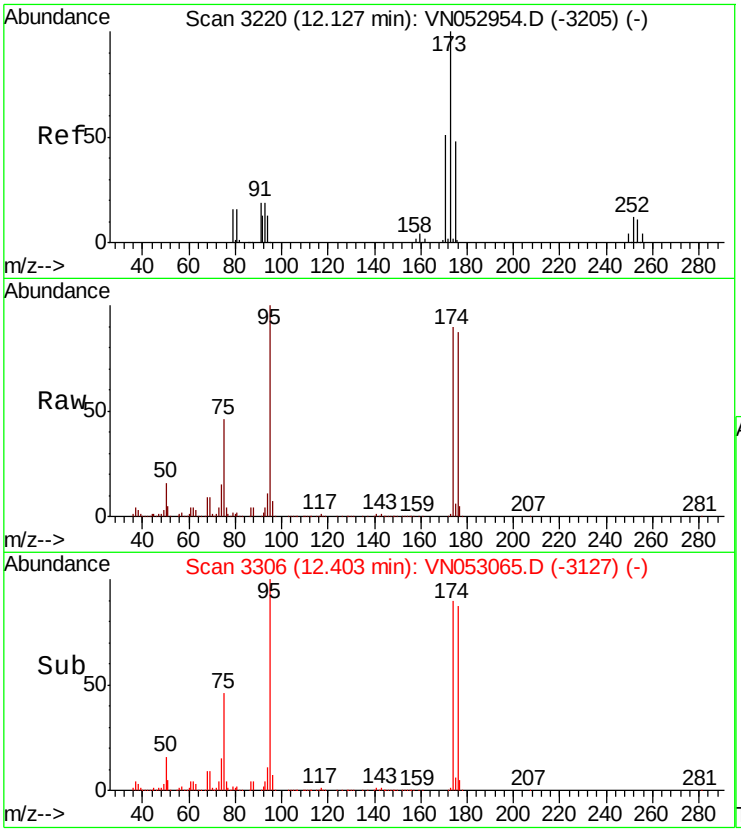


#69
o-Xylene
Concen: 0.221 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion:106 Resp: 5605

Ion	Ratio	Lower	Upper
106	100		
91	201.0	106.6	319.8



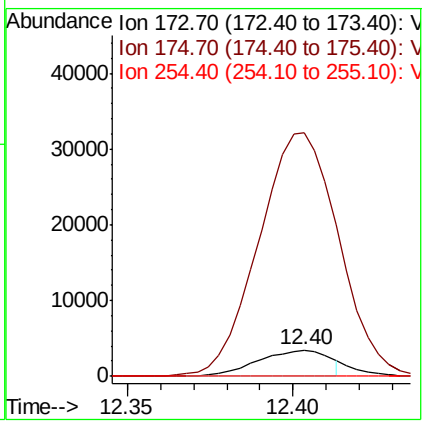


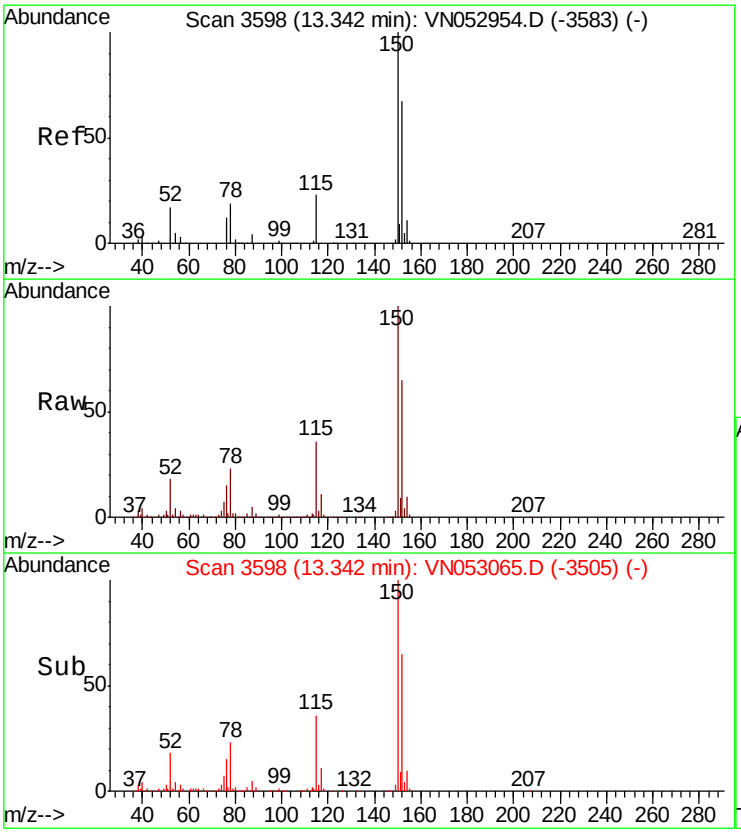
#71
Bromoform
Concen: 0.509 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 5175

Ion	Ratio	Lower	Upper
173	100		
175	920.8	24.3	72.9#
254	0.0	0.1	0.1#

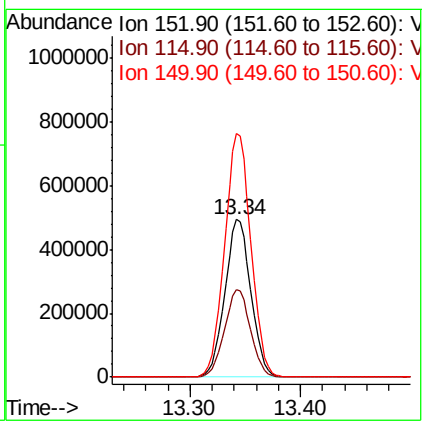


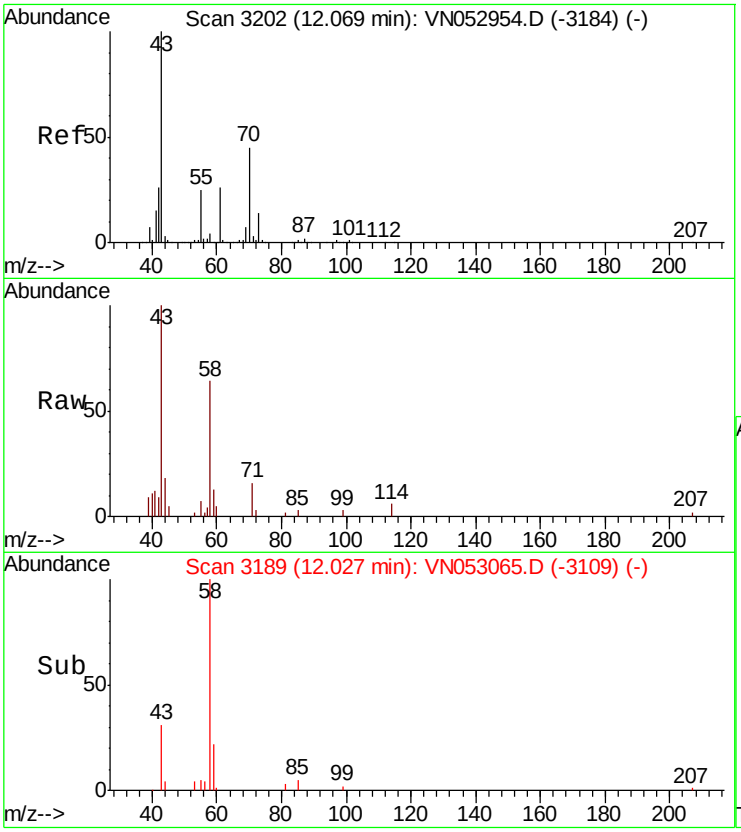


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion:152 Resp: 804074

Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.3	85.0
150	156.2	0.0	347.8



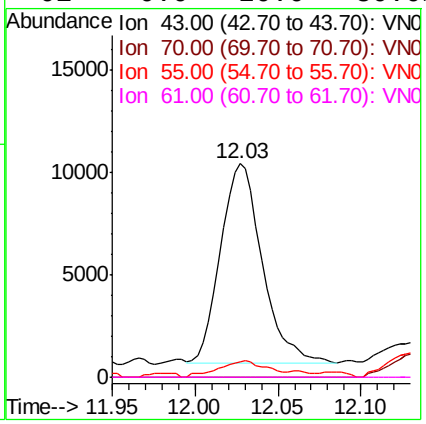


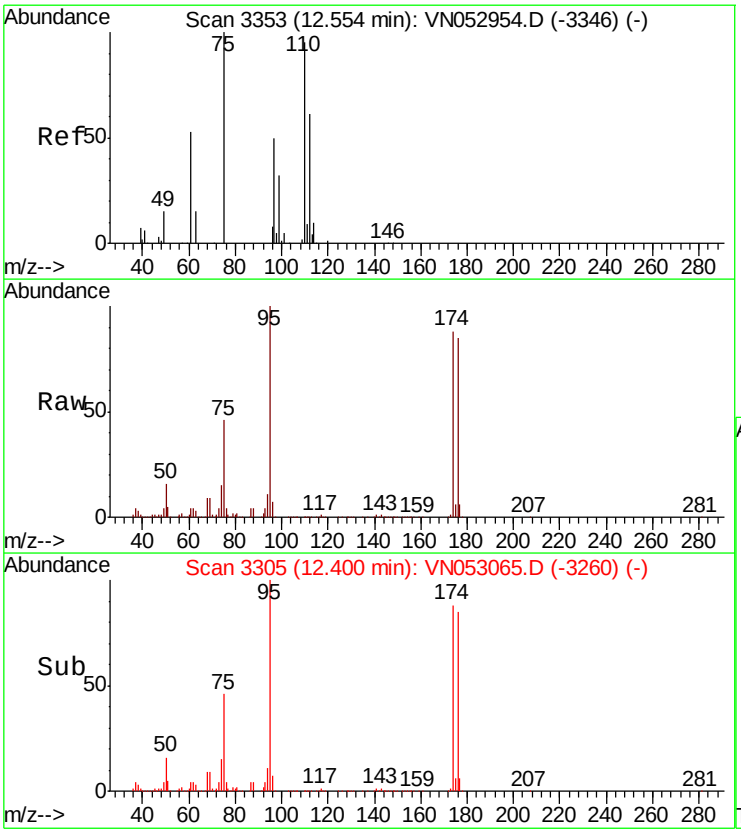
#74
N-amyl acetate
Concen: 0.981 ug/l
RT: 12.03 min Scan# 3189
Delta R.T. -0.04 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 17132

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.4#
55	9.6	20.3	30.5#
61	0.0	20.0	30.0#

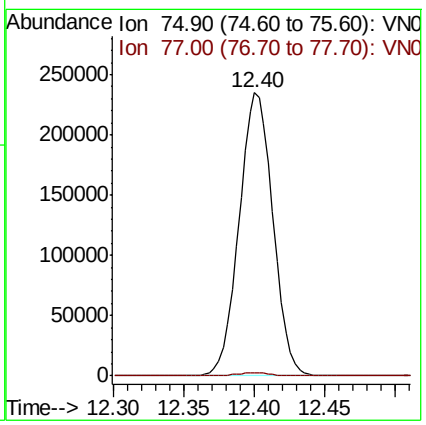


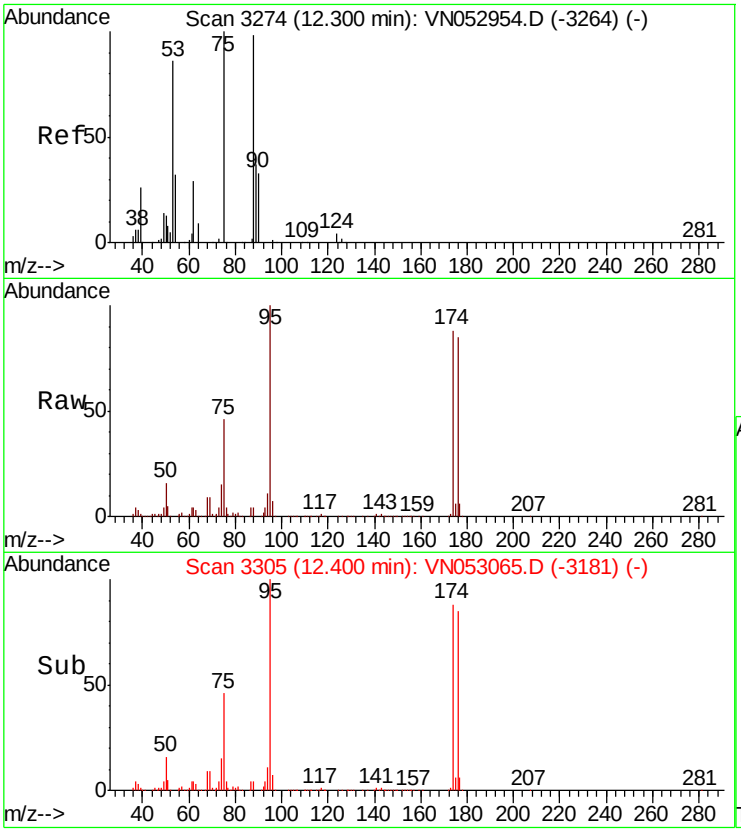


#76
1,2,3-Trichloropropane
Concen: 29.125 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion: 75 Resp: 394232

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



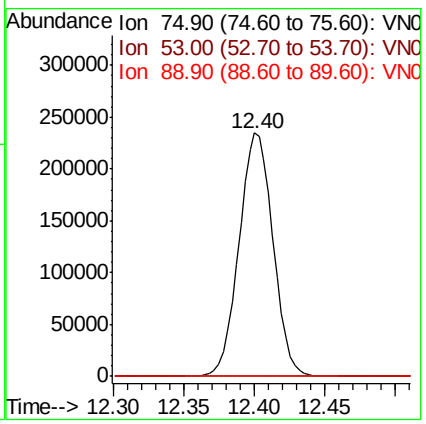


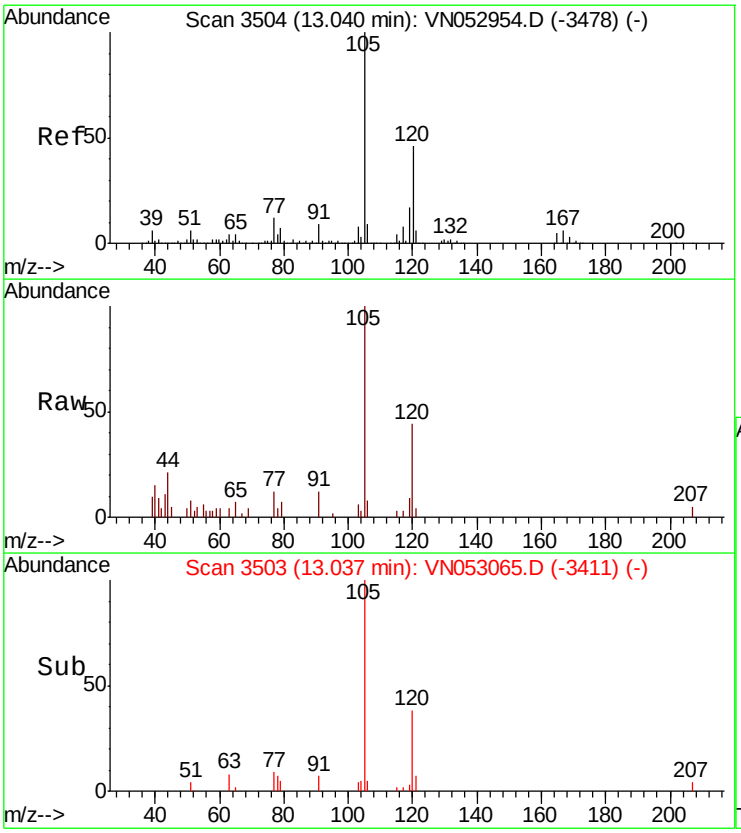
#81
trans-1,4-Dichloro-2-butene
Concen: 93.874 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 394232

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	36.1	54.1#

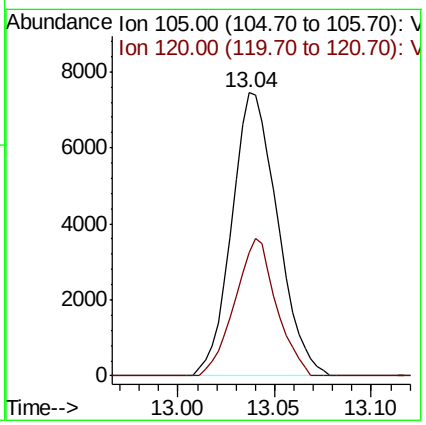


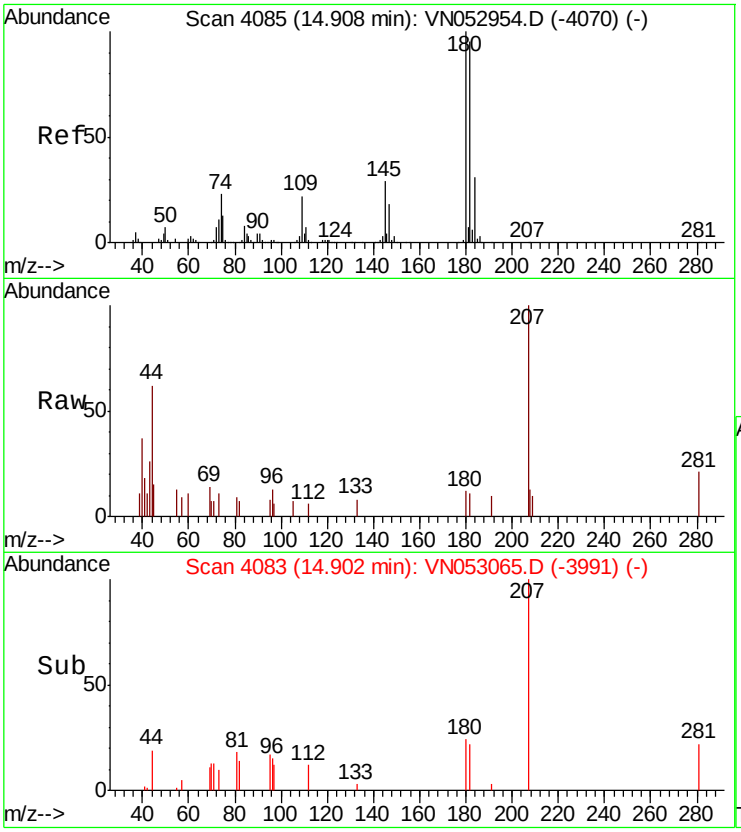


#84
1,2,4-Trimethylbenzene
Concen: 0.238 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion:105 Resp: 12259

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.9	68.8



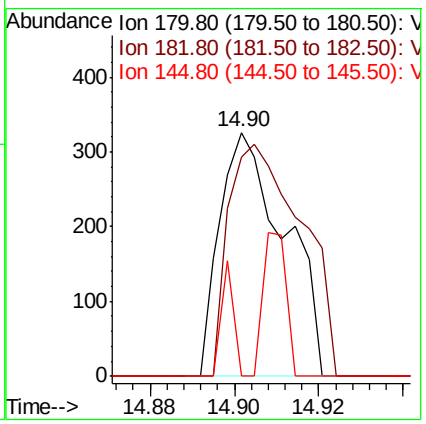


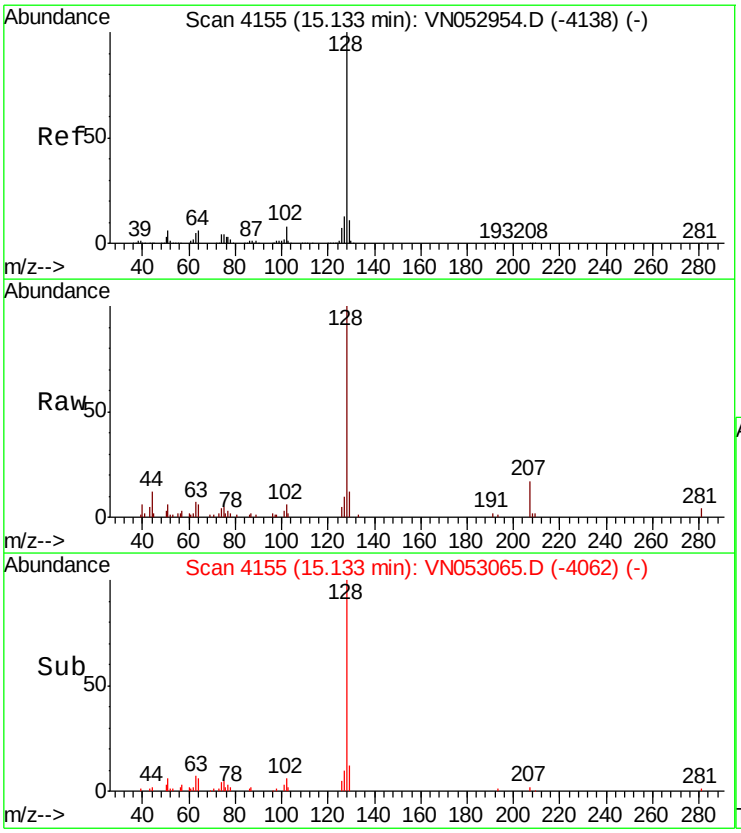
#93
1,2,4-Trichlorobenzene
Concen: 0.620 ug/l
RT: 14.90 min Scan# 4083
Delta R.T. -0.01 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 346

Ion	Ratio	Lower	Upper
180	100		
182	107.8	47.8	143.3
145	21.4	14.2	42.6

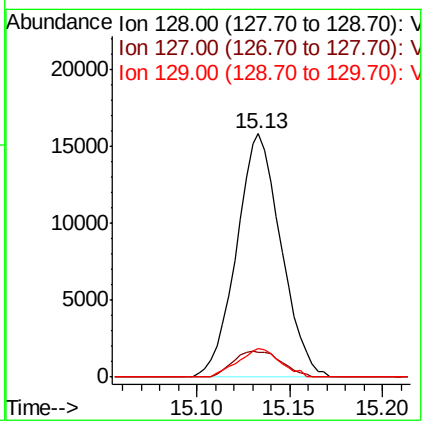


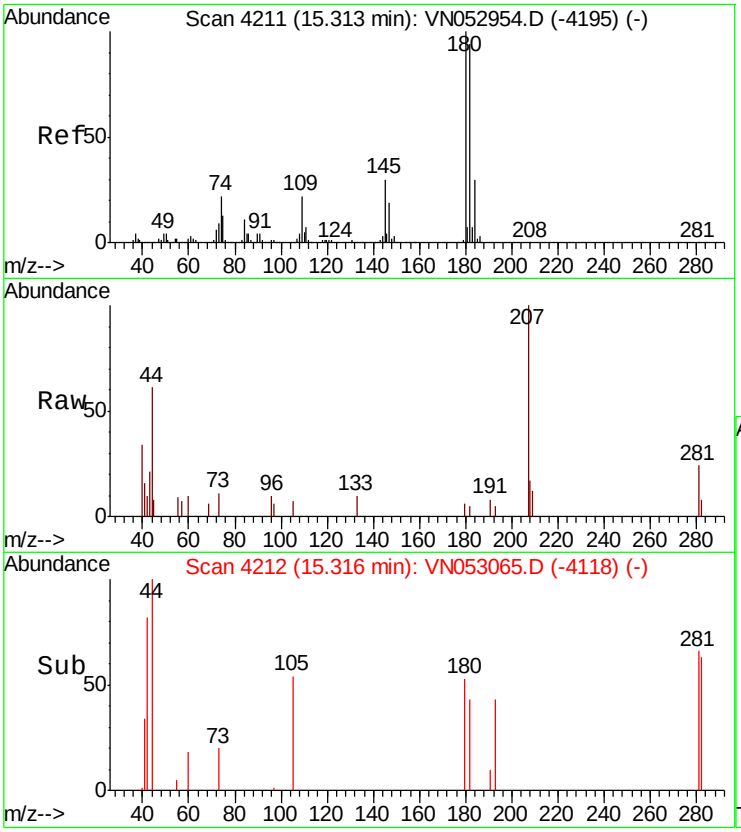


#95
Naphthalene
Concen: 1.956 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Tgt Ion:128 Resp: 26200

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	11.1	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.515 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053065.D
Acq: 20 Dec 2018 19:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 99

Ion	Ratio	Lower	Upper
180	100		
182	111.1	47.9	143.7
145	0.0	15.0	45.0#