Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110218\
Data File : VN052118.D
Acq On : 2 Nov 2018 10:20
Operator : MD\SY
Sample : PB114370ZHE#08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#08

Quant Time: Nov 02 23:10:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	294527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	540872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	515899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	251041	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.24%			
35) Dibromofluoromethane	7.59	113	202199	59.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.52%			
50) Toluene-d8	10.09	98	813665	60.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.32%			
62) 4-Bromofluorobenzene	12.40	95	280949	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.18%			
Target Compounds						Qvalue
10) Methyl Iodide	3.95	142	867	0.202	ug/l #	47
11) Tert butyl alcohol	4.74	59	145	0.613	ug/l #	4
13) Acrolein	3.62	56	240	24.949	ug/l #	1
16) Acetone	3.82	43	12689	12.578	ug/l	99
17) Carbon Disulfide	4.06	76	2544	0.261	ug/l #	76
18) Methyl Acetate	4.33	43	3582	1.115	ug/l #	84
20) Methylene Chloride	4.55	84	3931	1.023	ug/l #	77
25) 2-Butanone	6.85	43	2451	1.549	ug/l	95
29) Tetrahydrofuran	7.20	42	392	0.372	ug/l #	86
31) Cyclohexane	7.66	56	7883	Below Cal	#	11
36) 1,1-Dichloropropene	7.66	75	26351	4.791	ug/l #	46
38) Carbon Tetrachloride	7.67	117	30221	6.373	ug/l #	17
41) Methacrylonitrile	7.18	41	188	0.241	ug/l #	1
43) Isopropyl Acetate	8.17	43	183961	28.098	ug/l	100
48) Methyl methacrylate	9.18	41	4320	1.301	ug/l #	18
49) 1,4-Dioxane	9.18	88	30	26.112	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	1647	0.463	ug/l #	75
54) cis-1,3-Dichloropropene	9.90	75	1578	0.254	ug/l #	75
57) 1,3-Dichloropropane	10.77	76	1259	0.200	ug/l #	43
59) 2-Hexanone	10.77	43	12817	5.054	ug/l #	55
71) Bromoform	12.40	173	2106	3.097	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	148294	37.432	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	3338	0.222	ug/l	77
81) trans-1,4-Dichloro-2-buten	12.40	75	148294	124.241	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	210	1.241	ug/l #	29
93) 1,2,4-Trichlorobenzene	14.91	180	2593	1.049	ug/l	89
94) Hexachlorobutadiene	15.00	225	500	0.361	ug/l #	18
95) Naphthalene	15.14	128	5883	0.949	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.32	180	2919	1.368	ug/l	91

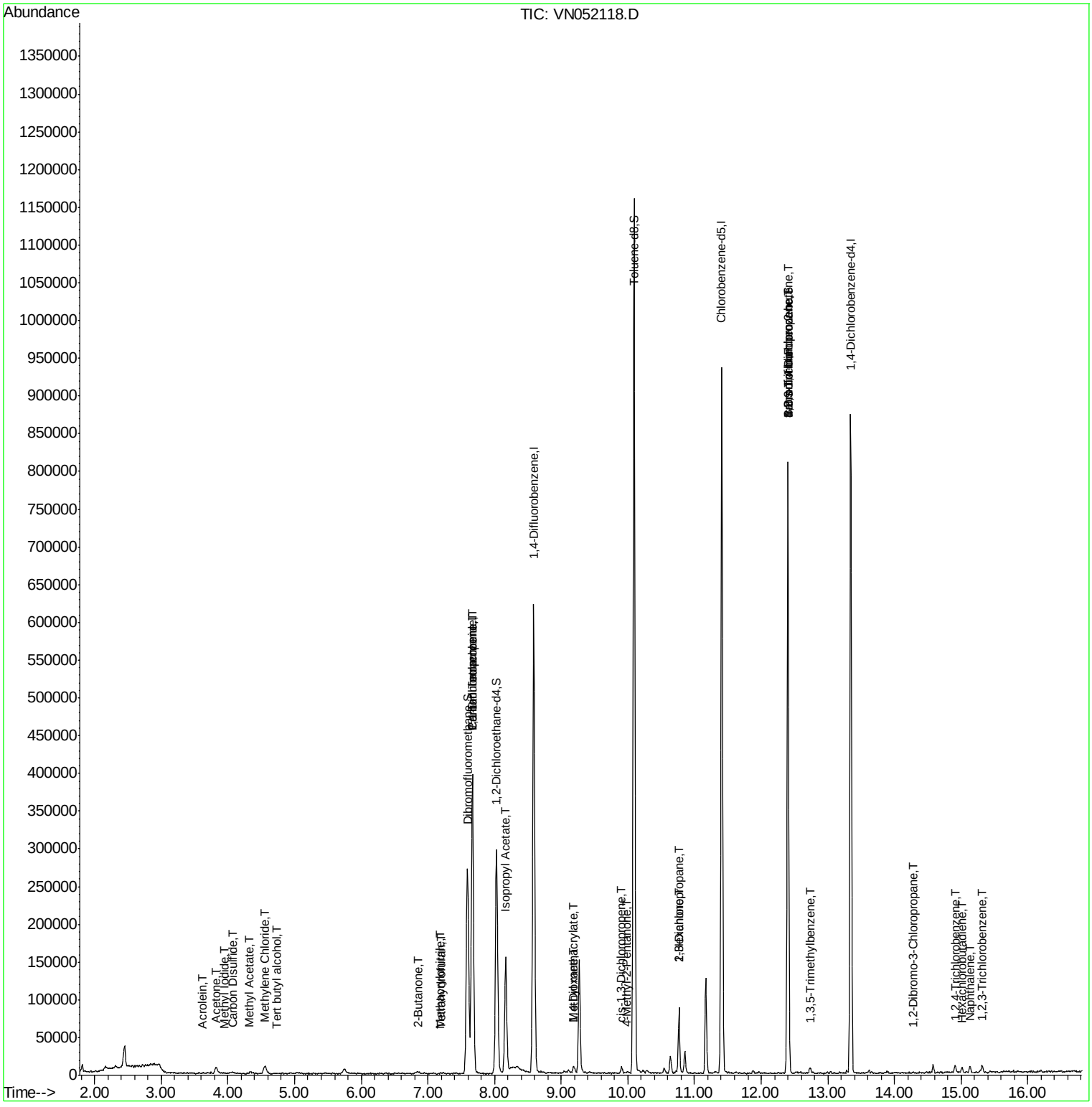
(#) = qualifier out of range (m) = manual integration (+) = signals summed

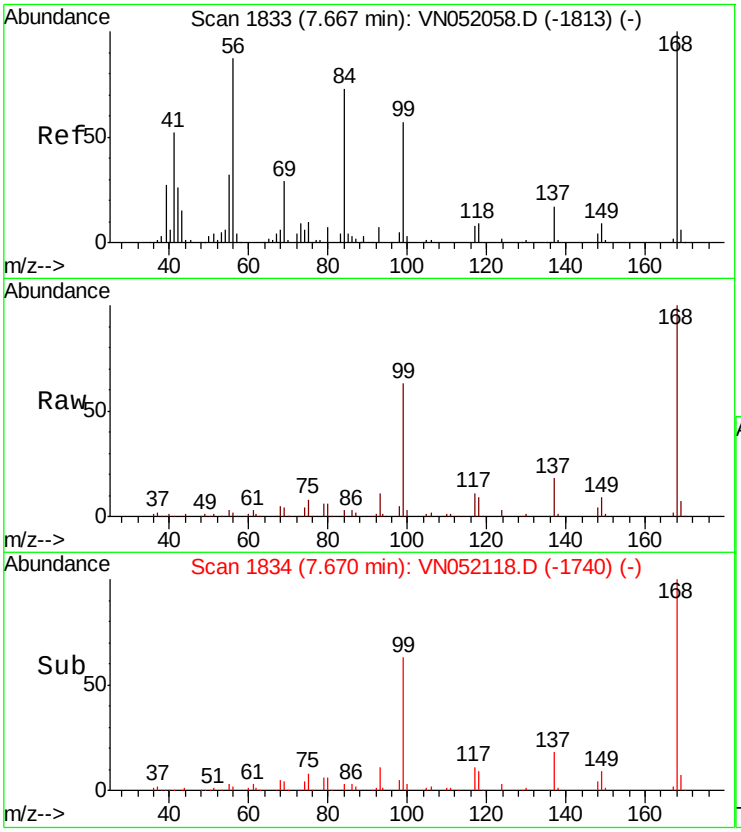
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110218\
Data File : VN052118.D
Acq On : 2 Nov 2018 10:20
Operator : MD\SY
Sample : PB114370ZHE#08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#08

Quant Time: Nov 02 23:10:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration



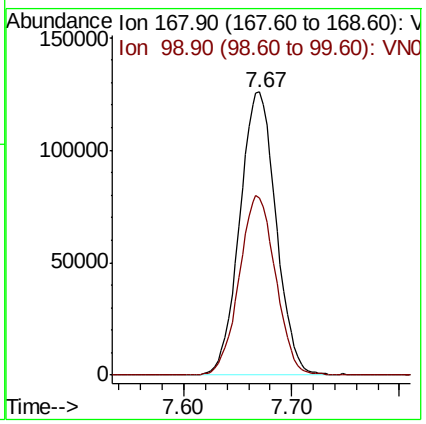


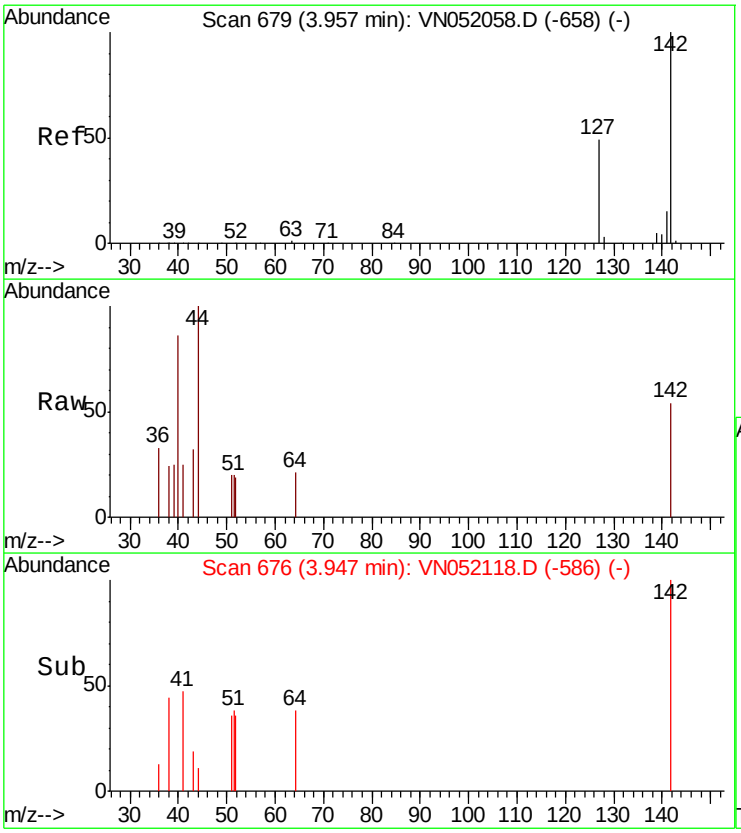
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion:168 Resp: 294527

Ion	Ratio	Lower	Upper
168	100		
99	62.8	56.6	85.0

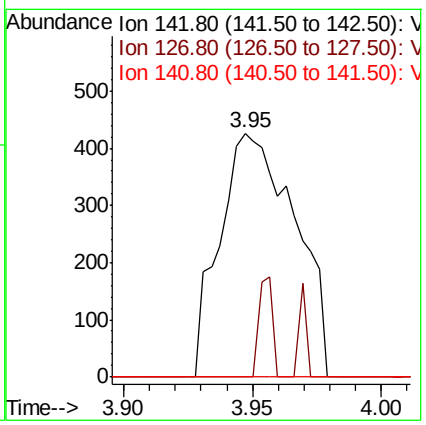


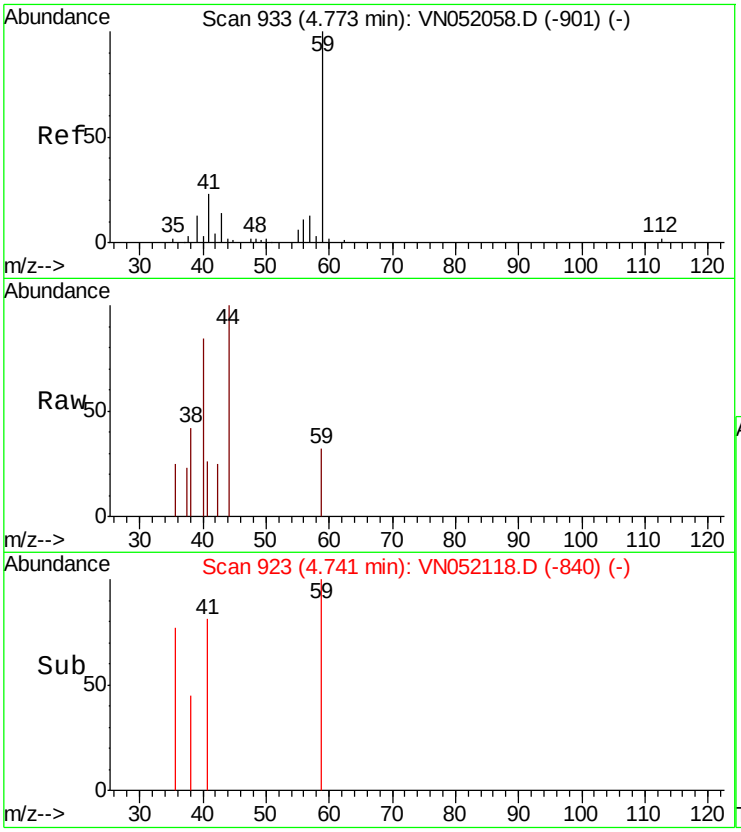


#10
Methyl Iodide
Concen: 0.202 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.01 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion:142 Resp: 867

Ion	Ratio	Lower	Upper
142	100		
127	7.6	37.3	55.9#
141	0.0	11.4	17.2#



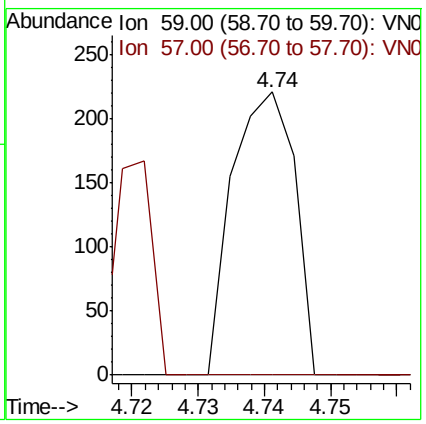


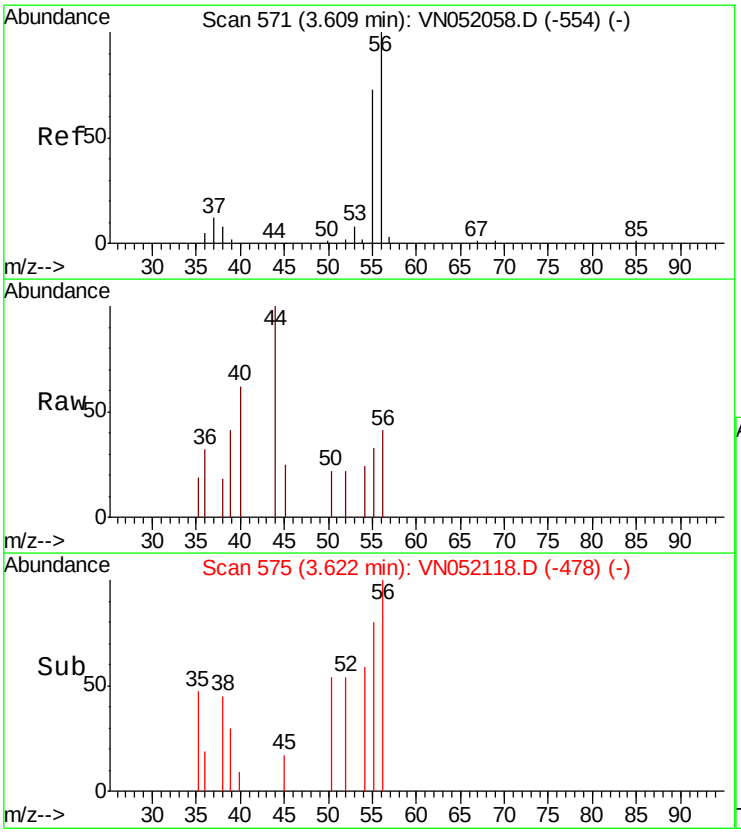
#11
Tert butyl alcohol
Concen: 0.613 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.03 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion: 59 Resp: 145

Ion	Ratio	Lower	Upper
59	100		
57	43.4	7.0	10.6#

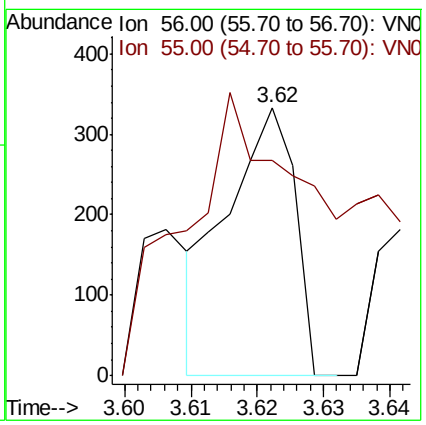


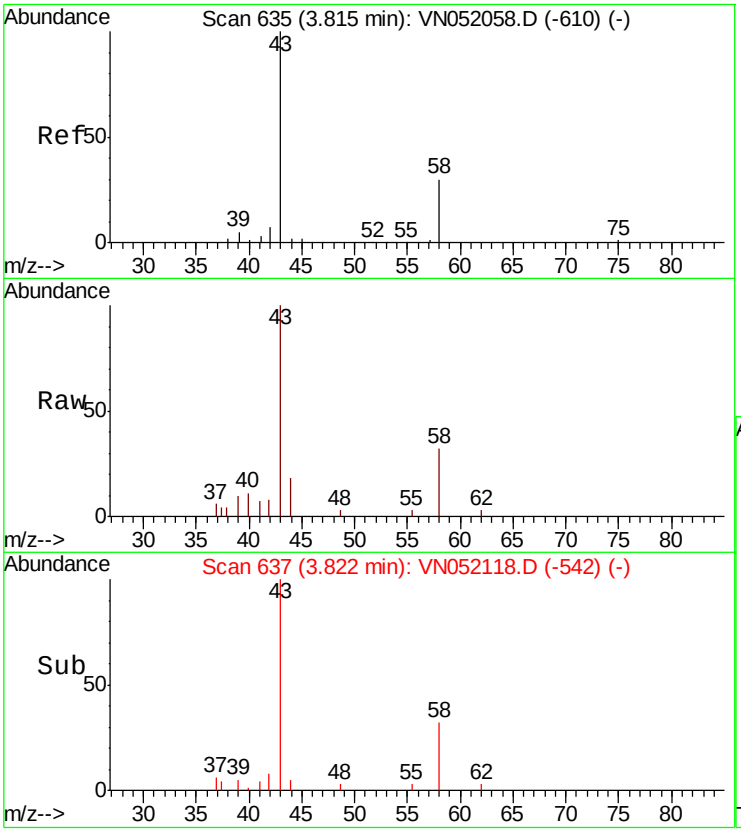


#13
Acrolein
Concen: 24.949 ug/l
RT: 3.62 min Scan# 575
Delta R.T. 0.01 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 56 Resp: 240

Ion	Ratio	Lower	Upper
56	100		
55	234.2	59.9	89.9#



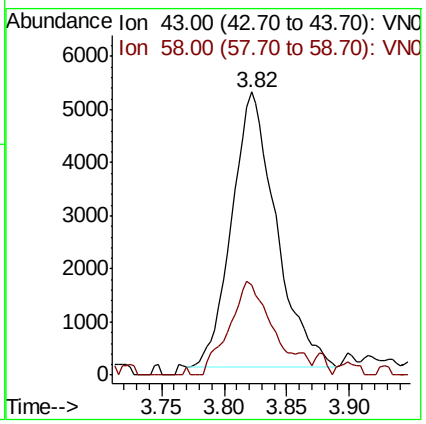


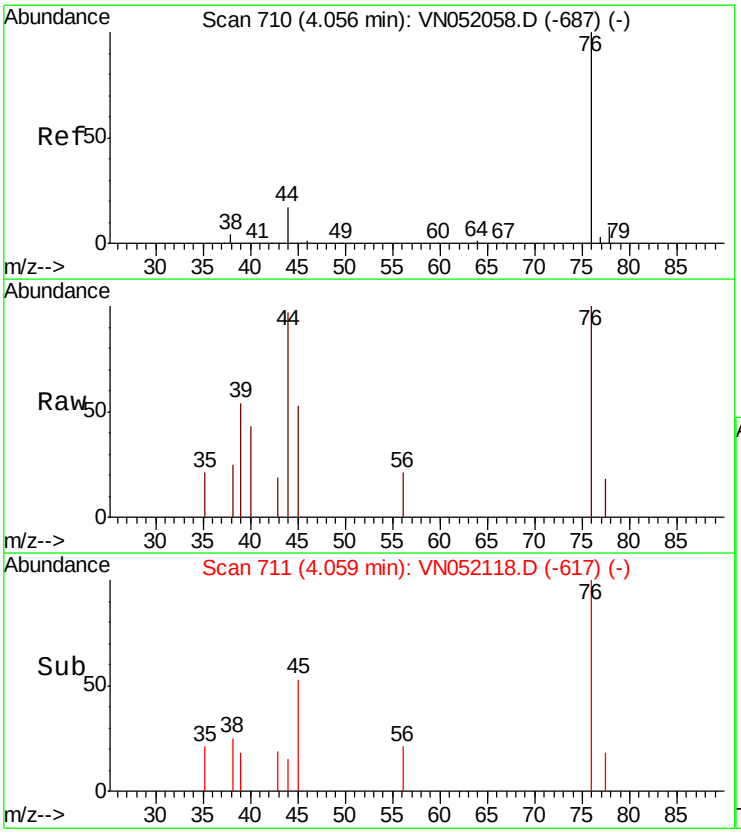
#16
Acetone
Concen: 12.578 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion: 43 Resp: 12689

Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.2	36.2

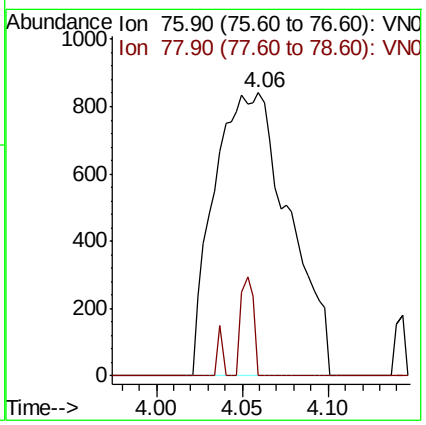


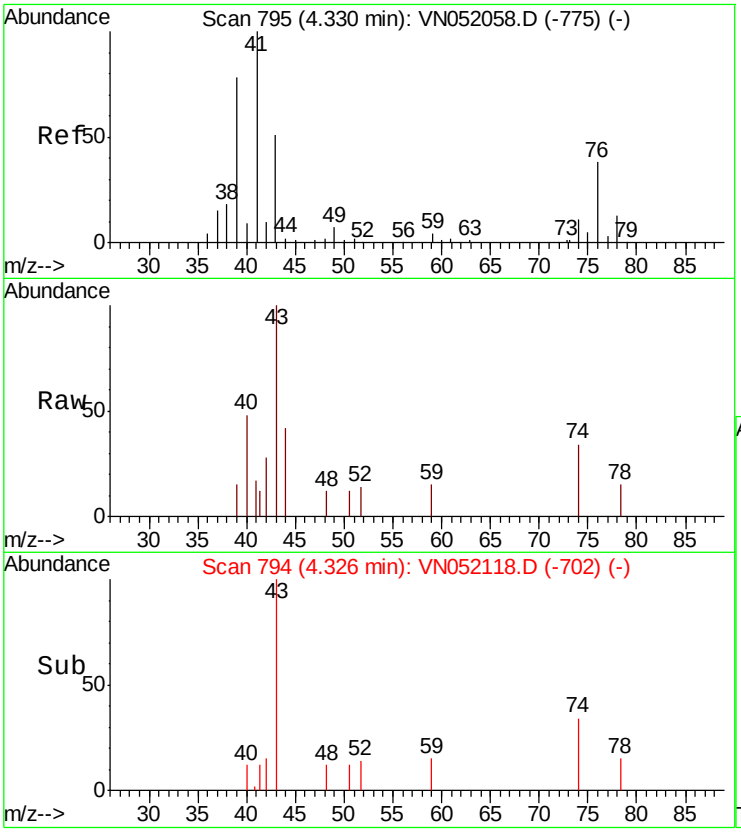


#17
Carbon Disulfide
Concen: 0.261 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 76 Resp: 2544

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.8	10.2#



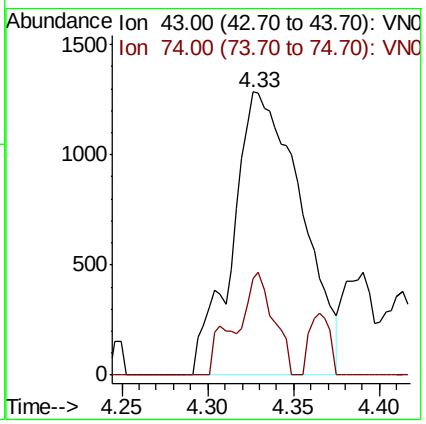


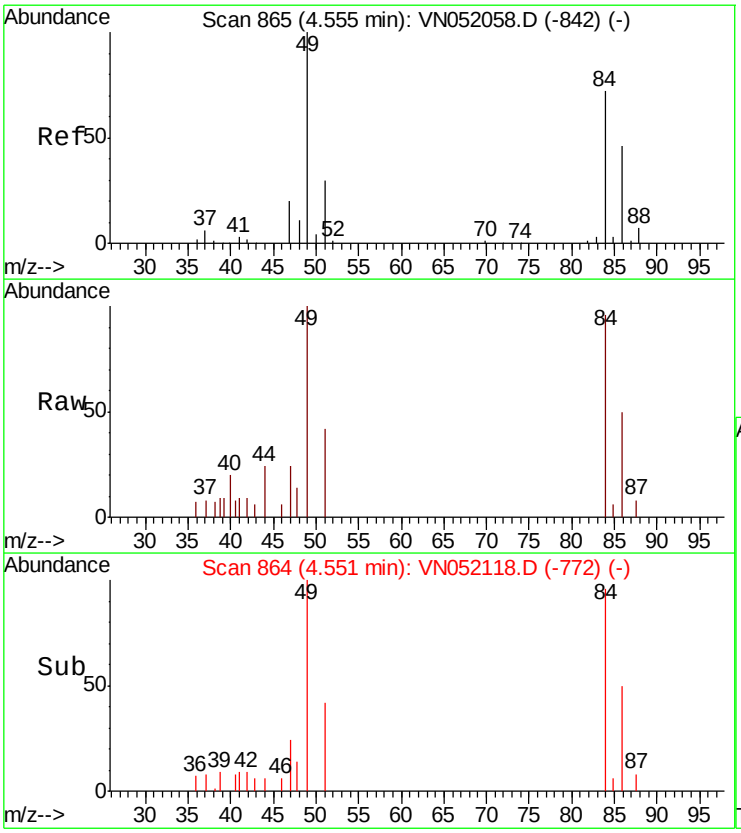
#18
Methyl Acetate
Concen: 1.115 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#08

Tgt Ion: 43 Resp: 3582

Ion	Ratio	Lower	Upper
43	100		
74	14.5	17.9	26.9#

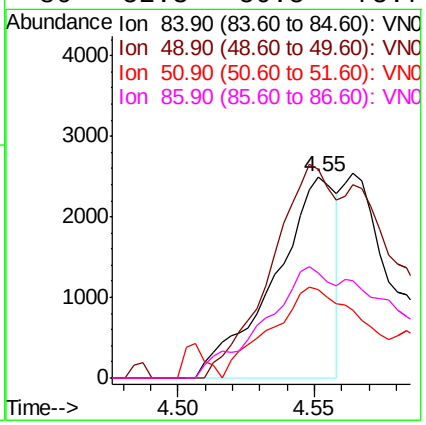


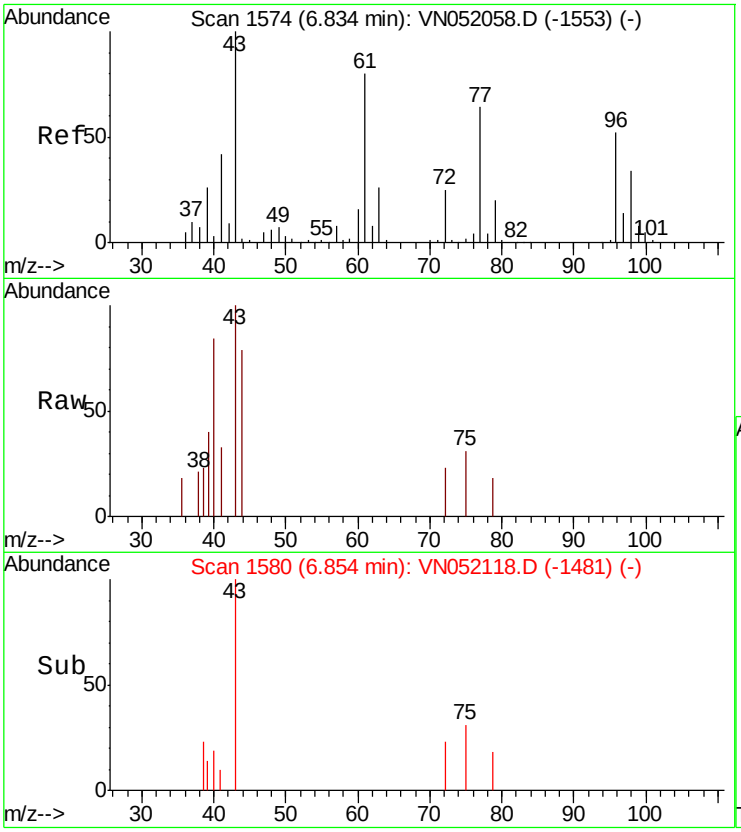


#20
Methylene Chloride
Concen: 1.023 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 84 Resp: 3931

Ion	Ratio	Lower	Upper
84	100		
49	103.9	110.6	165.8#
51	28.8	33.7	50.5#
86	52.3	50.5	75.7



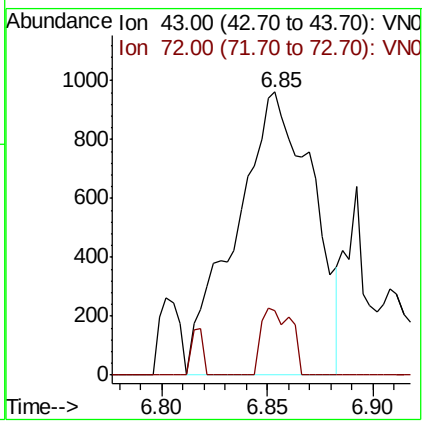


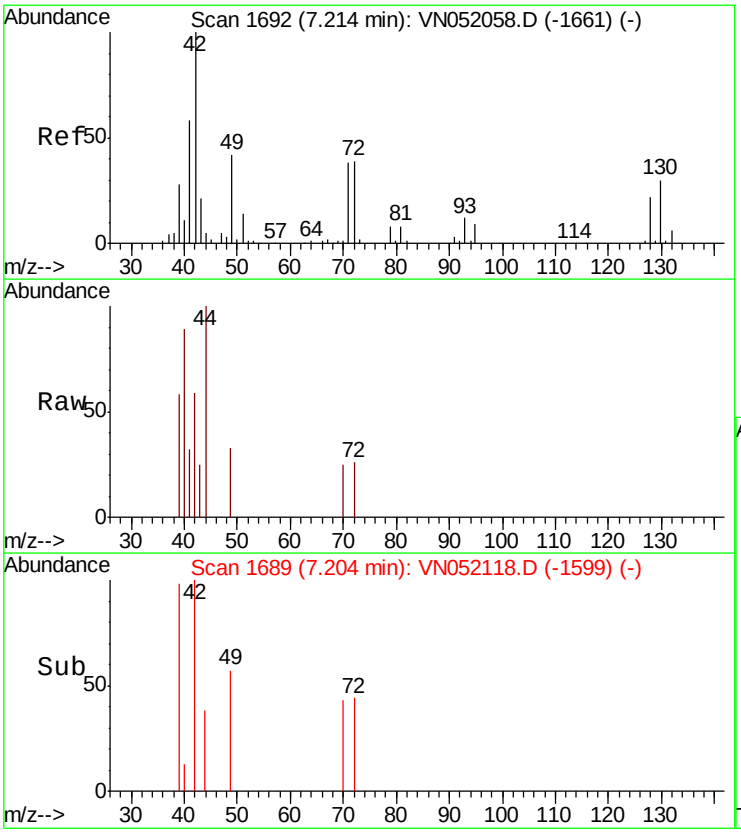
#25
2-Butanone
Concen: 1.549 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#08

Tgt Ion: 43 Resp: 2451

Ion	Ratio	Lower	Upper
43	100		
72	22.9	20.2	30.2

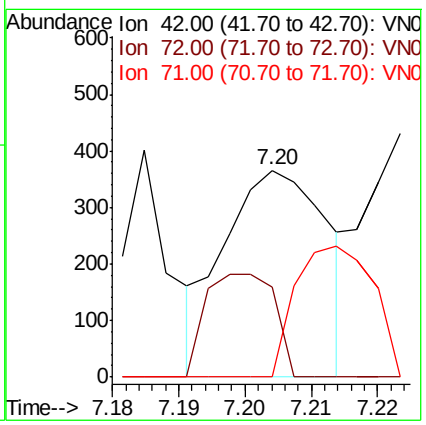


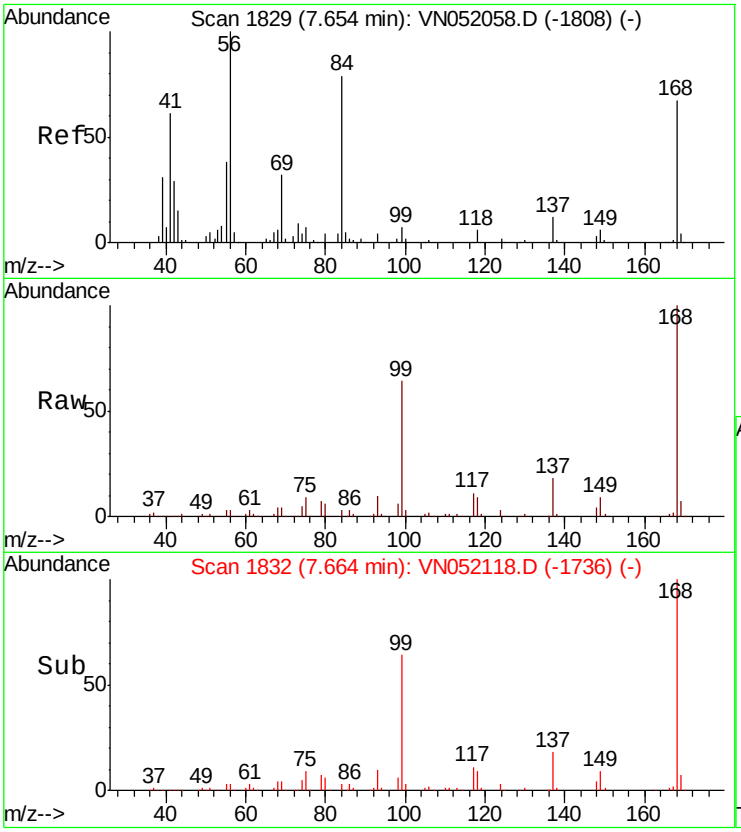


#29
Tetrahydrofuran
Concen: 0.372 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 42 Resp: 392

Ion	Ratio	Lower	Upper
42	100		
72	33.4	32.5	48.7
71	48.0	30.6	46.0#



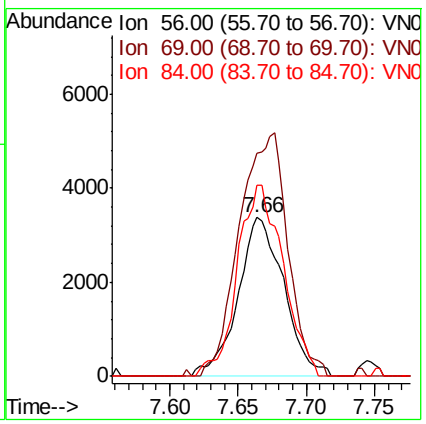


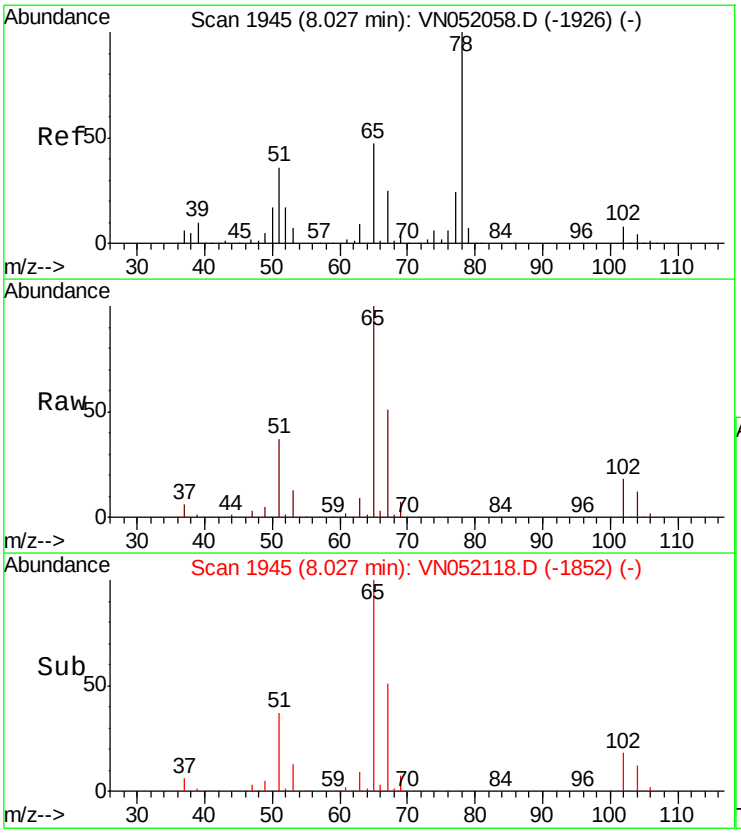
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#08

Tgt Ion: 56 Resp: 7883

Ion	Ratio	Lower	Upper
56	100		
69	140.6	25.8	38.6#
84	120.5	63.5	95.3#

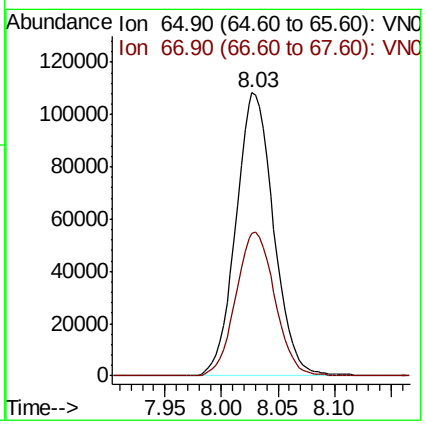


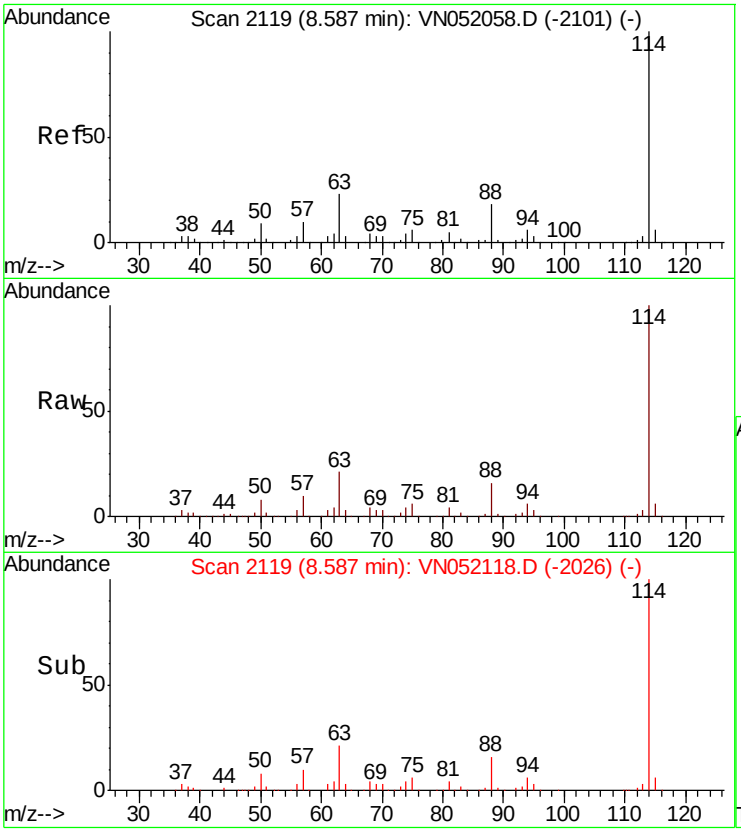


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 65 Resp: 251041

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.2



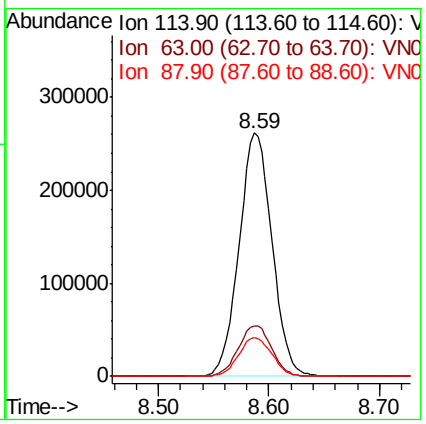


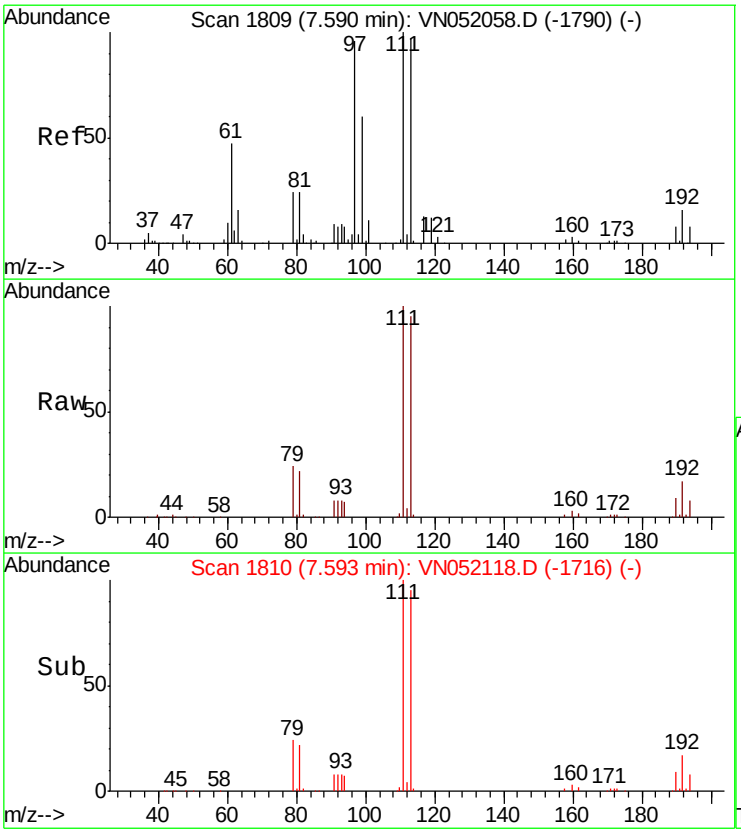
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion:114 Resp: 540872

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	46.0
88	15.9	0.0	35.4

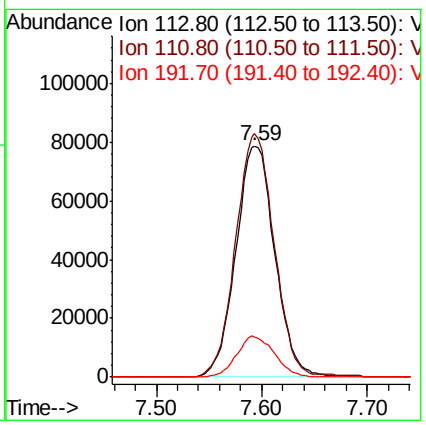


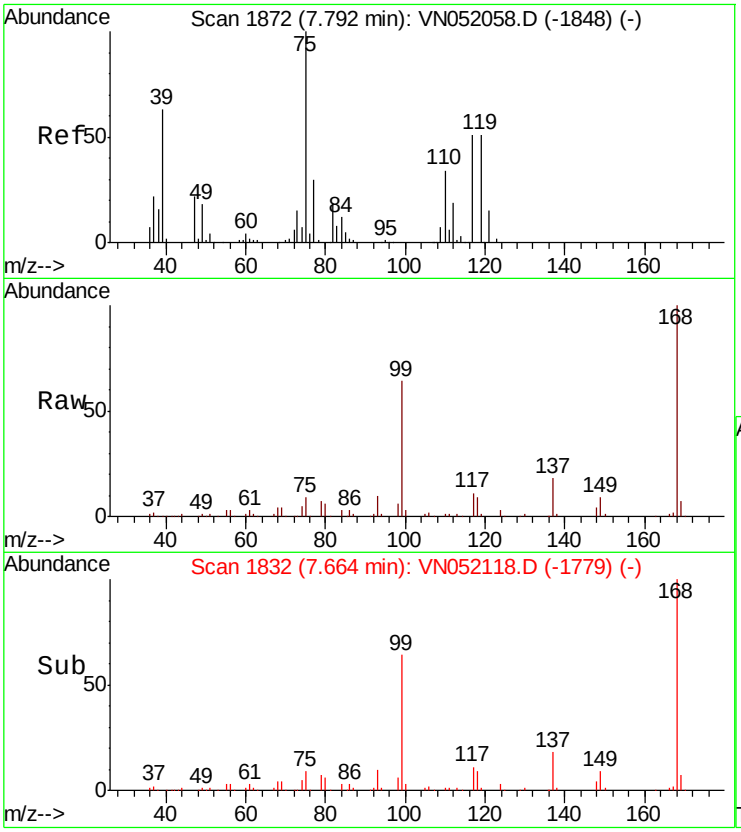


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion:113 Resp: 202199

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.1	124.7
192	17.2	12.7	19.1



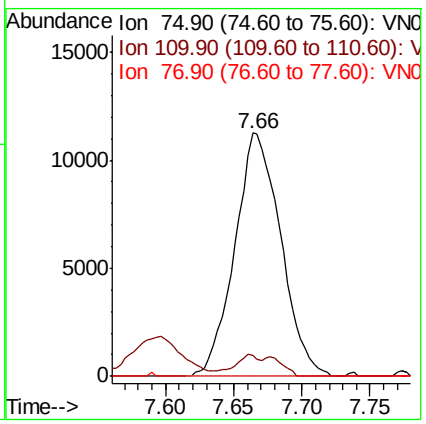


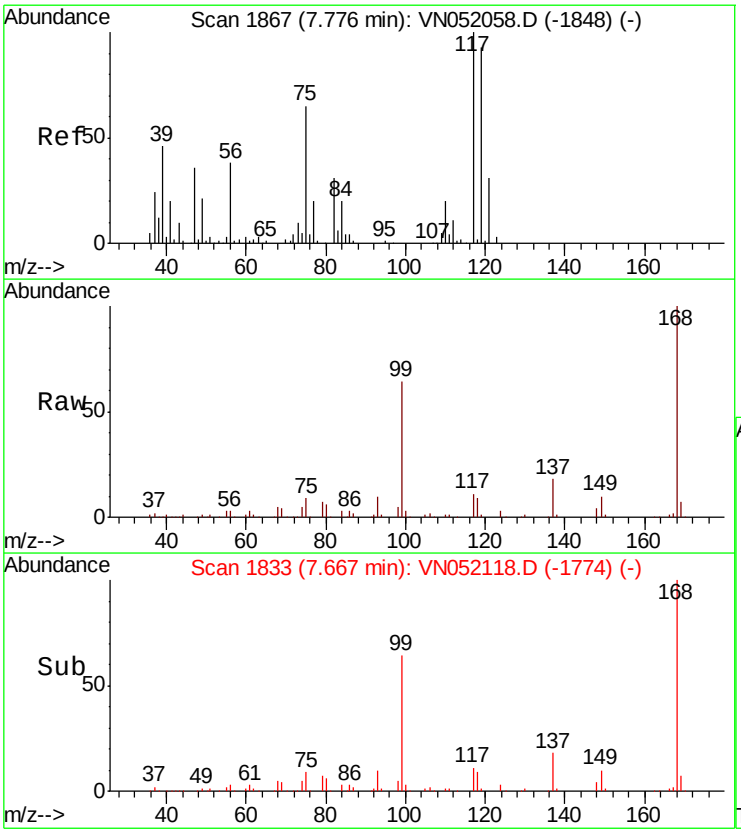
#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion: 75 Resp: 26351

Ion	Ratio	Lower	Upper
75	100		
110	3.1	16.0	48.0#
77	0.0	24.5	36.7#

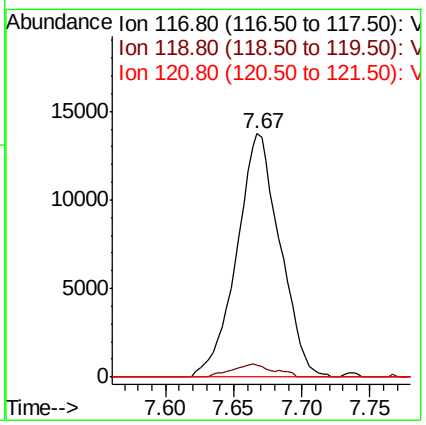


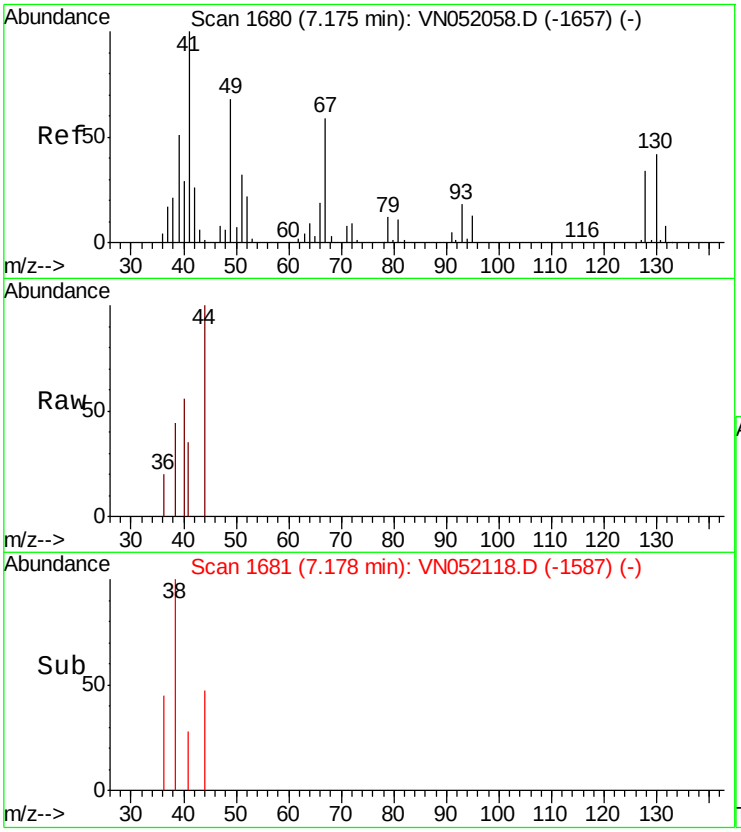


#38
Carbon Tetrachloride
Concen: 6.373 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion:117 Resp: 30221

Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.8	112.2#
121	0.0	25.1	37.7#



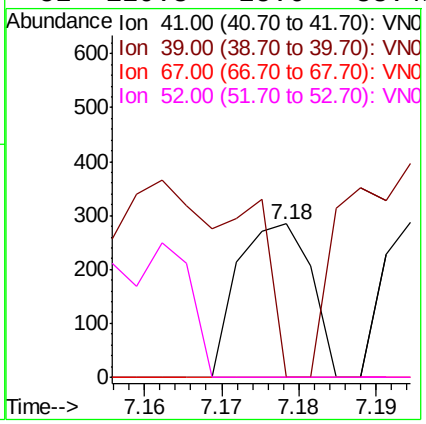


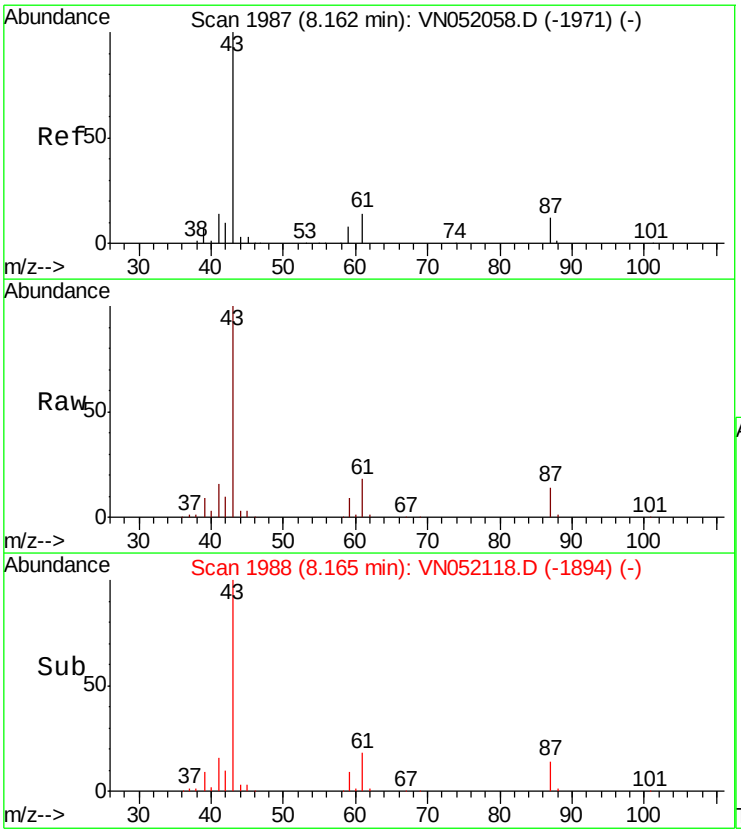
#41
Methacrylonitrile
Concen: 0.241 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion: 41 Resp: 188

Ion	Ratio	Lower	Upper
41	100		
39	197.3	33.2	49.8#
67	0.0	63.5	95.3#
52	129.3	25.6	38.4#

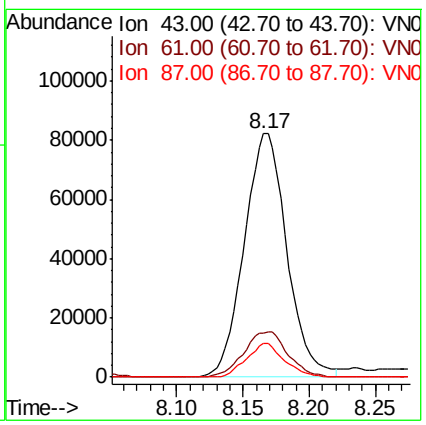


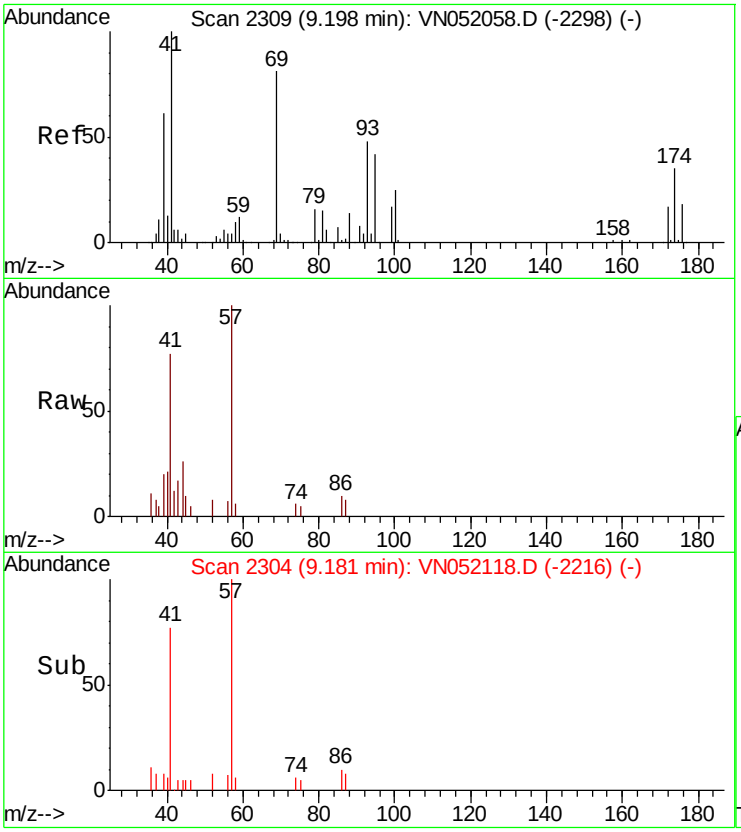


#43
Isopropyl Acetate
Concen: 28.098 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 43 Resp: 183961

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	12.4	9.8	14.8



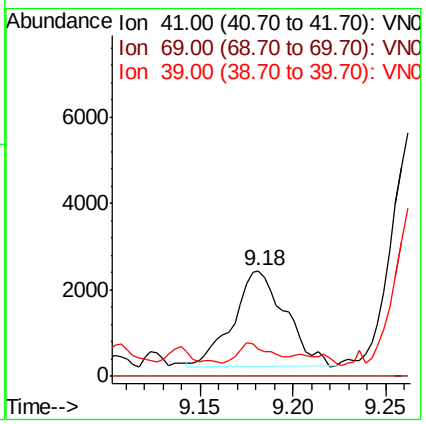


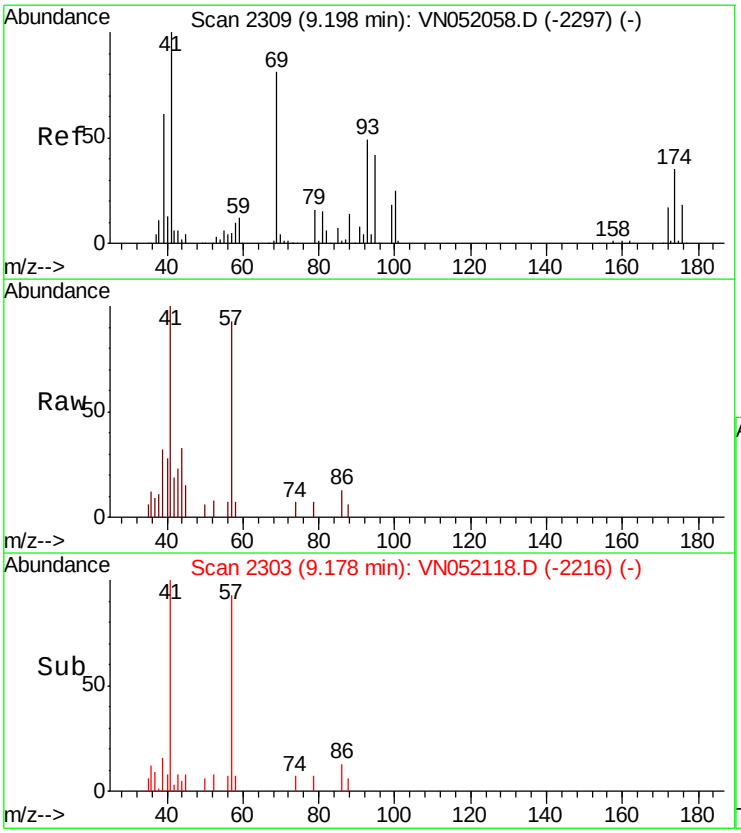
#48
Methyl methacrylate
Concen: 1.301 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#08

Tgt Ion: 41 Resp: 4320

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.1	100.7#
39	11.1	50.5	75.7#

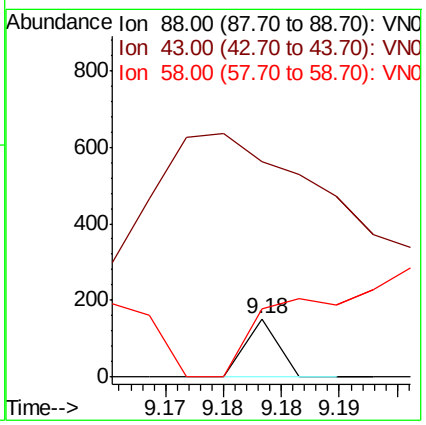


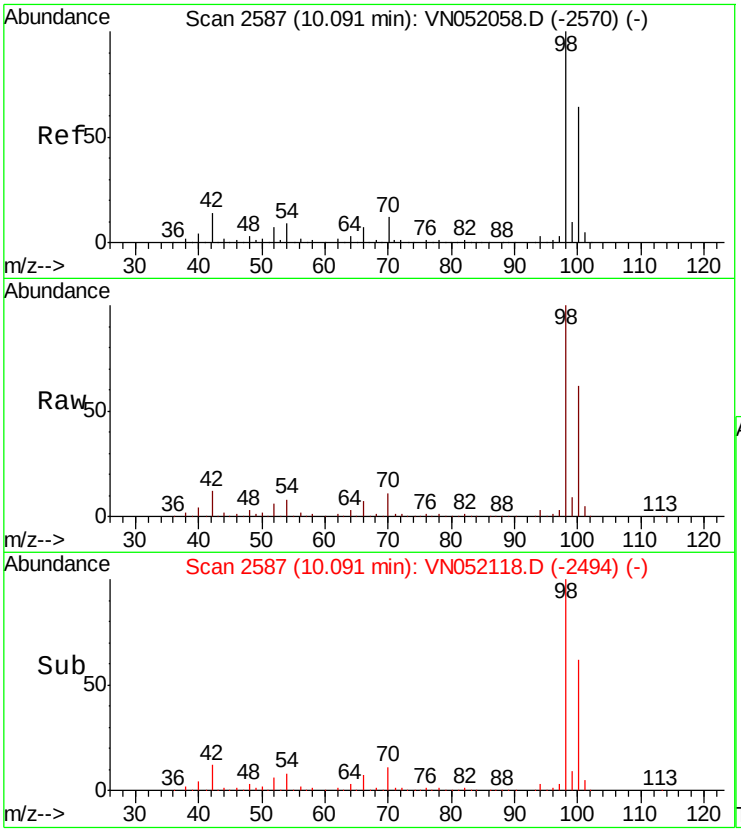


#49
1,4-Dioxane
Concen: 26.112 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 88 Resp: 30

Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.1	51.1#
58	620.0	62.8	94.2#



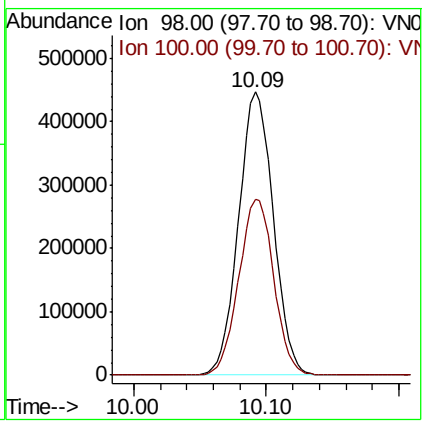


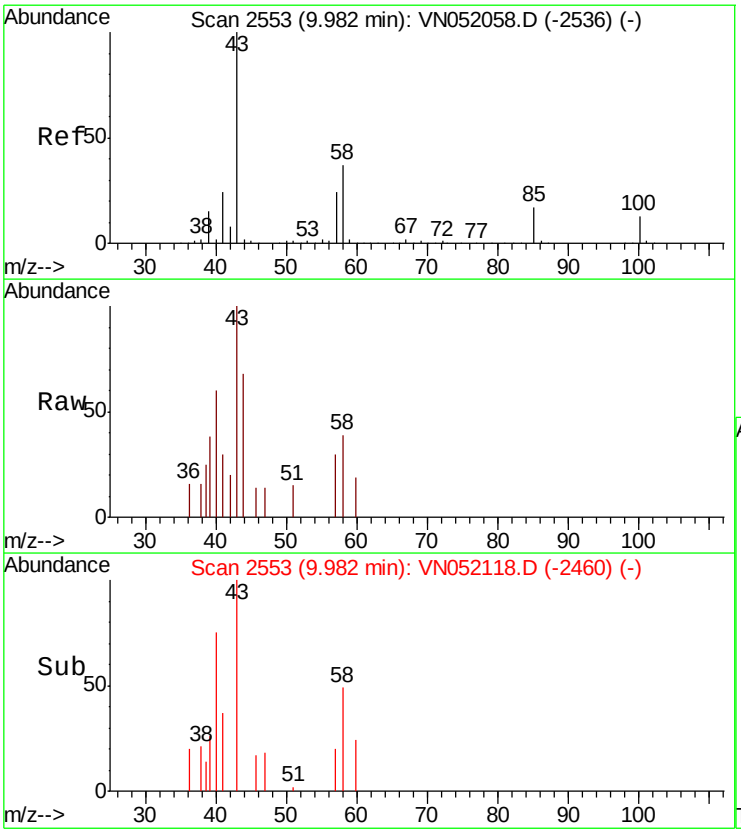
#50
Toluene-d8
Concen: 26.112 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#08

Tgt Ion: 98 Resp: 813665

Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.4	77.2

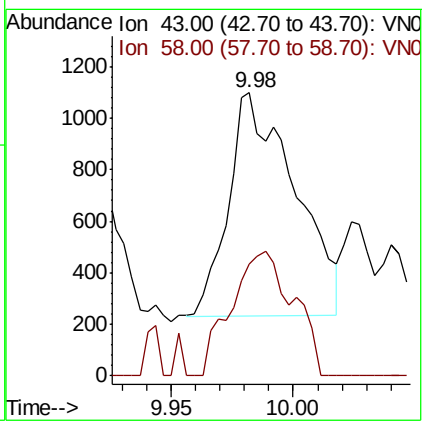


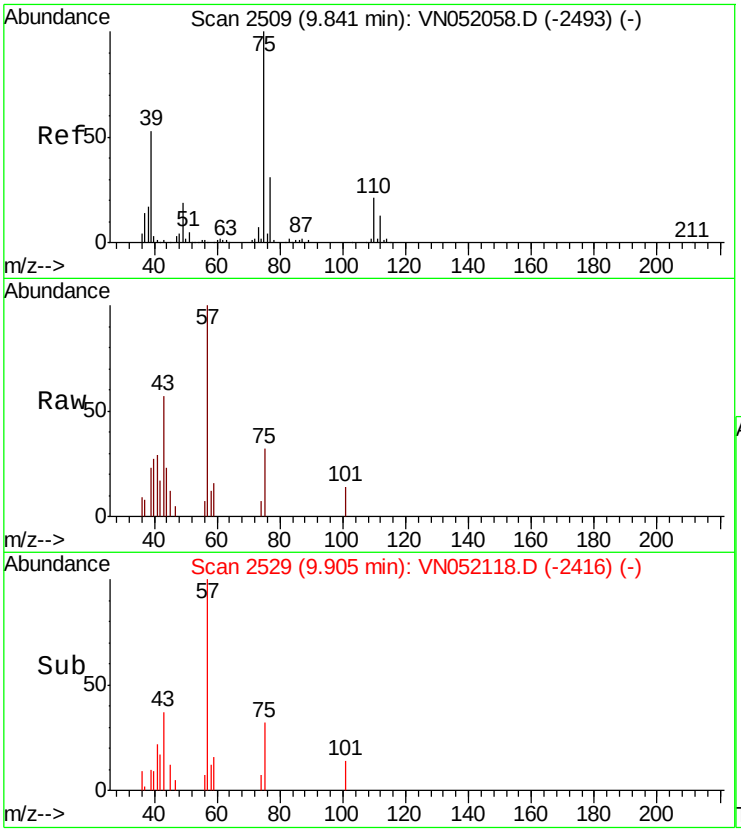


#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 43 Resp: 1647

Ion	Ratio	Lower	Upper
43	100		
58	51.8	29.7	44.5#



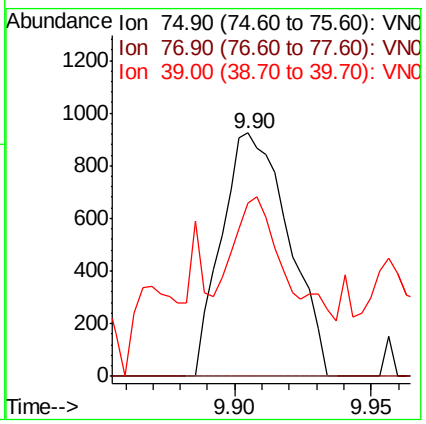


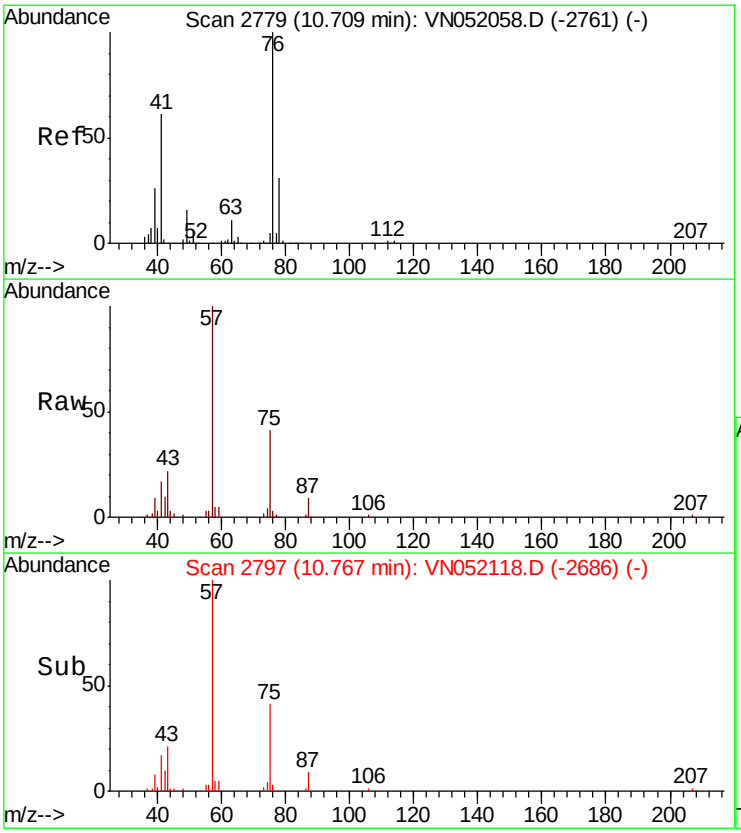
#54
cis-1,3-Dichloropropene
Concen: 0.254 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion: 75 Resp: 1578

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	48.3	42.3	63.5

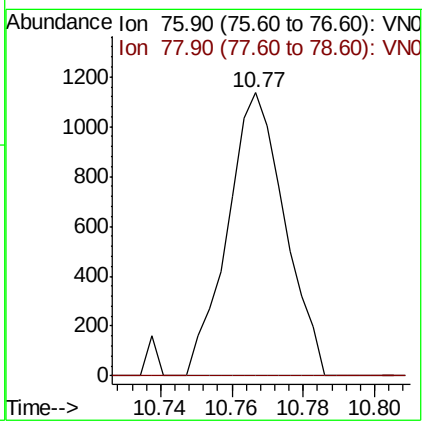


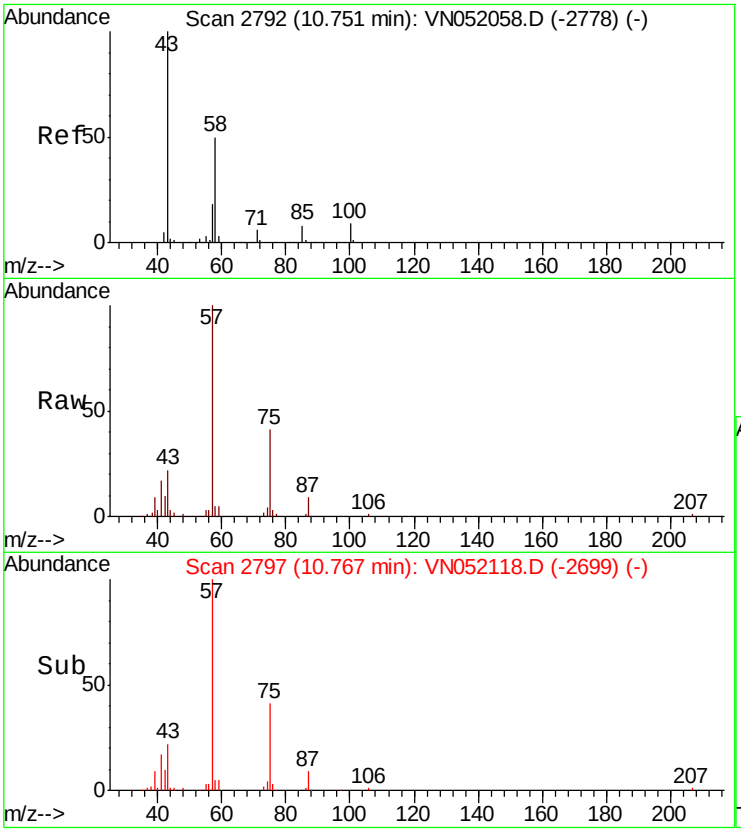


#57
1,3-Dichloropropane
Concen: 0.200 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 76 Resp: 1259

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#



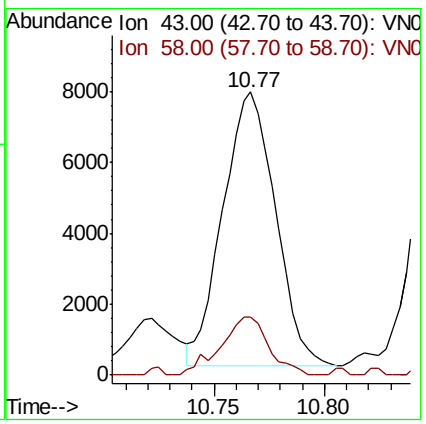


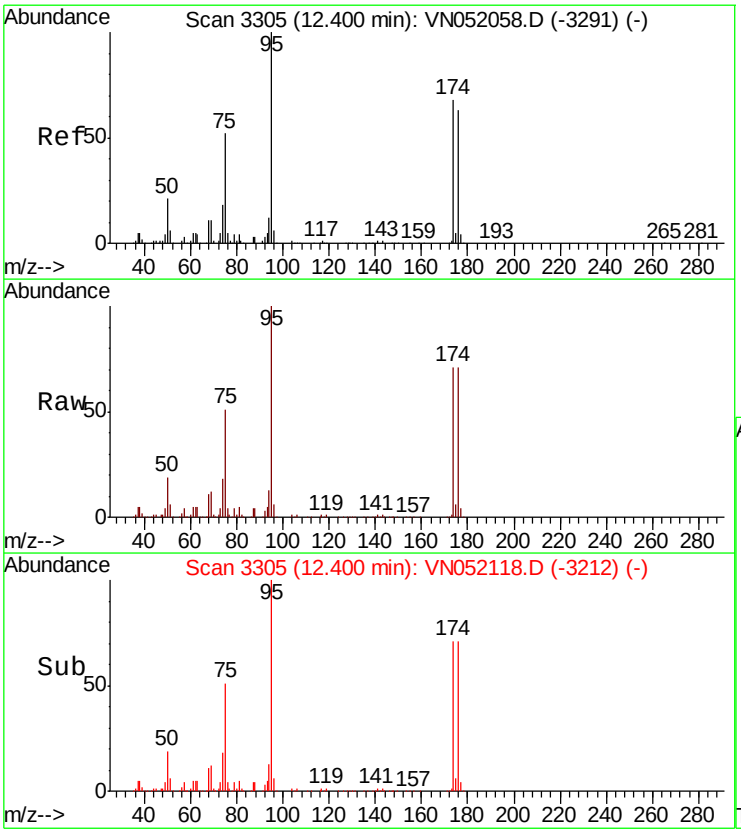
#59
2-Hexanone
Concen: 5.054 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#08

Tgt Ion: 43 Resp: 12817

Ion	Ratio	Lower	Upper
43	100		
58	19.4	25.2	75.6#

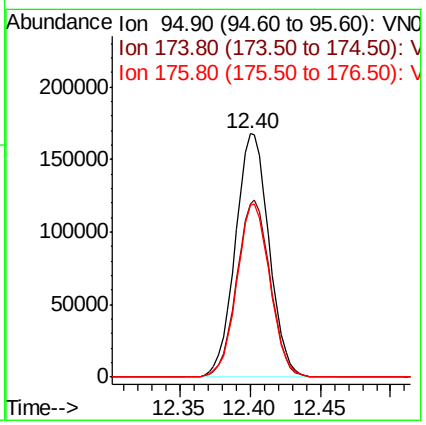


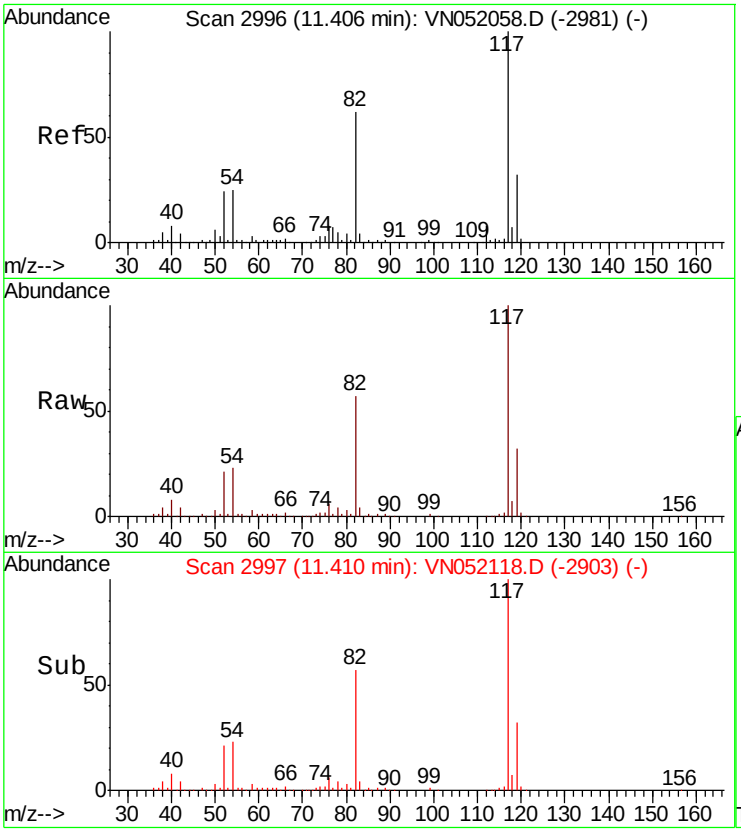


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 95 Resp: 280949

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	131.8
176	69.7	0.0	126.0



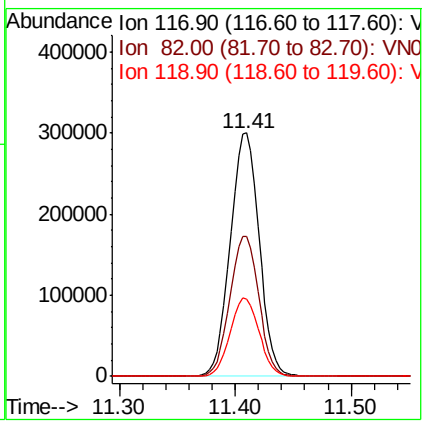


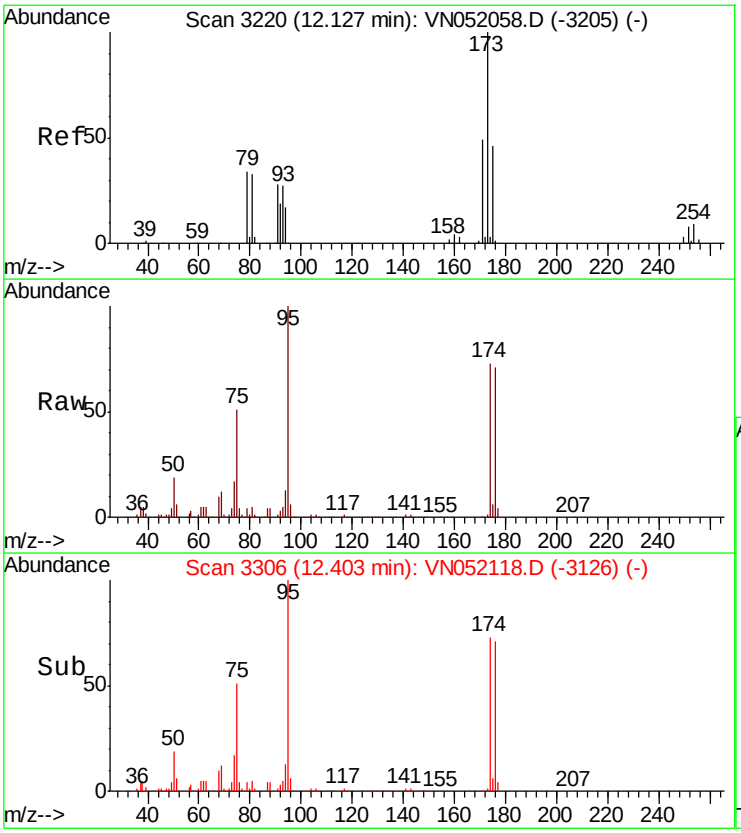
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#08

Tgt Ion:117 Resp: 515899

Ion	Ratio	Lower	Upper
117	100		
82	57.4	49.9	74.9
119	31.8	25.7	38.5

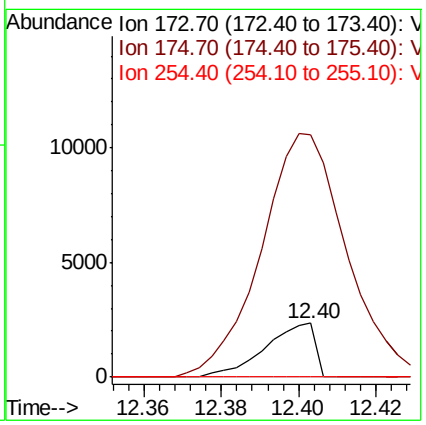


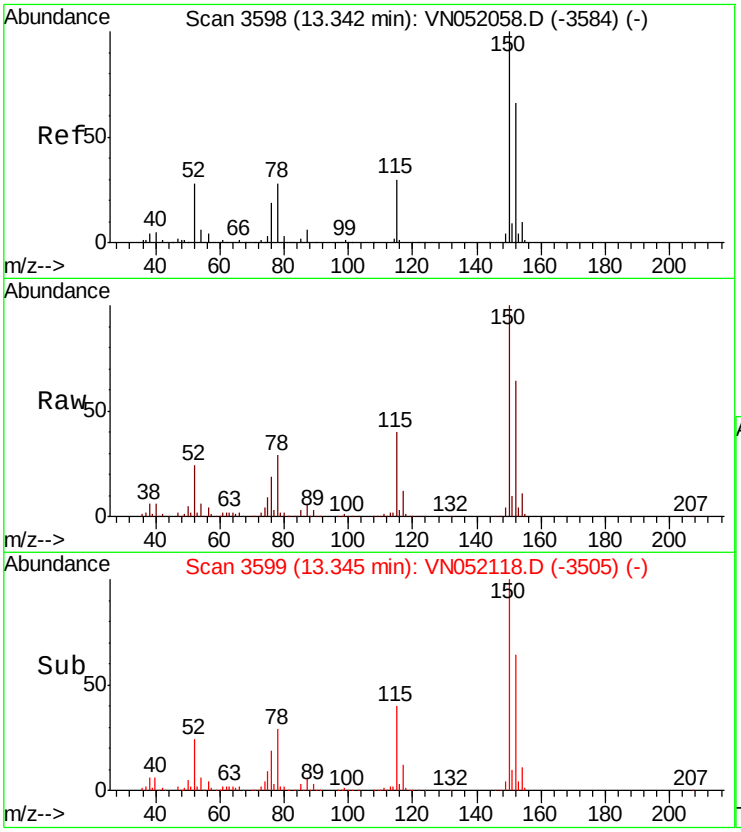


#71
Bromoform
Concen: 3.097 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion:173 Resp: 2106

Ion	Ratio	Lower	Upper
173	100		
175	687.0	23.9	71.7#
254	0.0	0.0	0.0



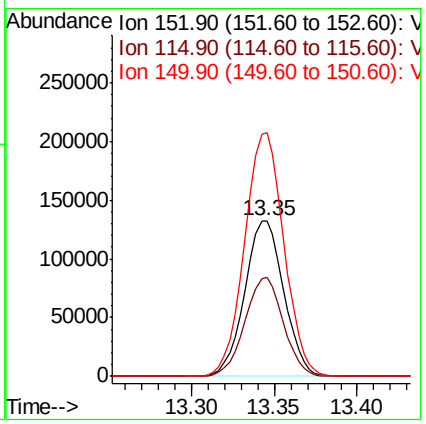


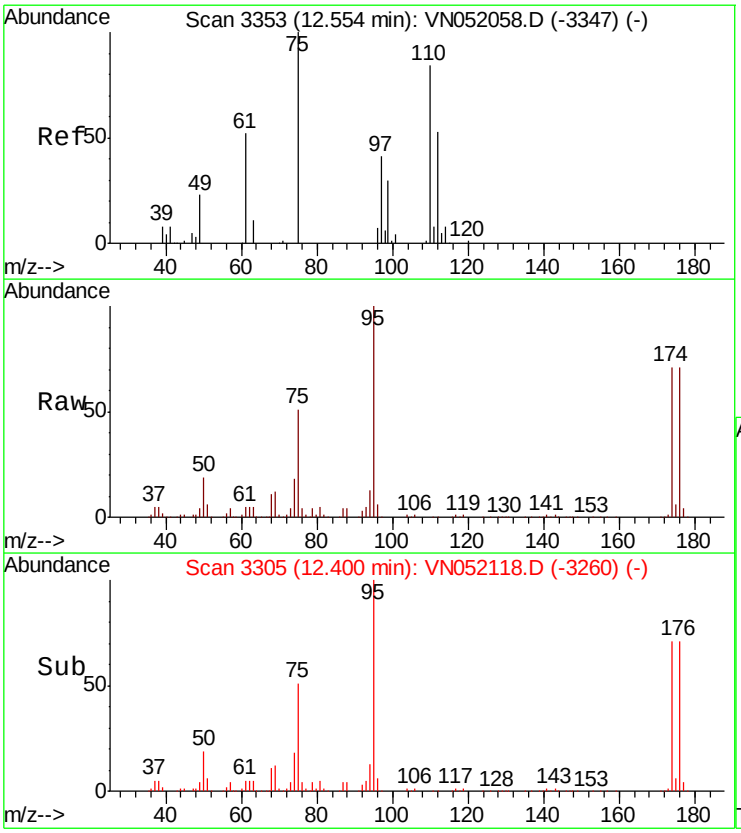
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion:152 Resp: 216424

Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.6	95.0
150	157.7	0.0	345.0

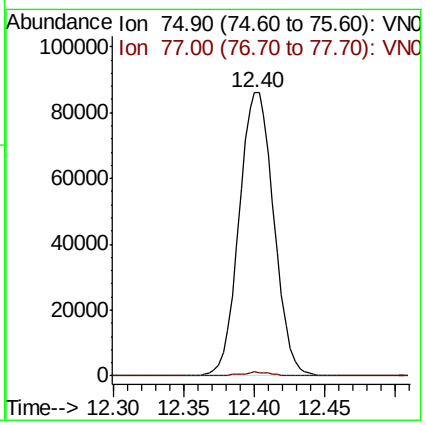


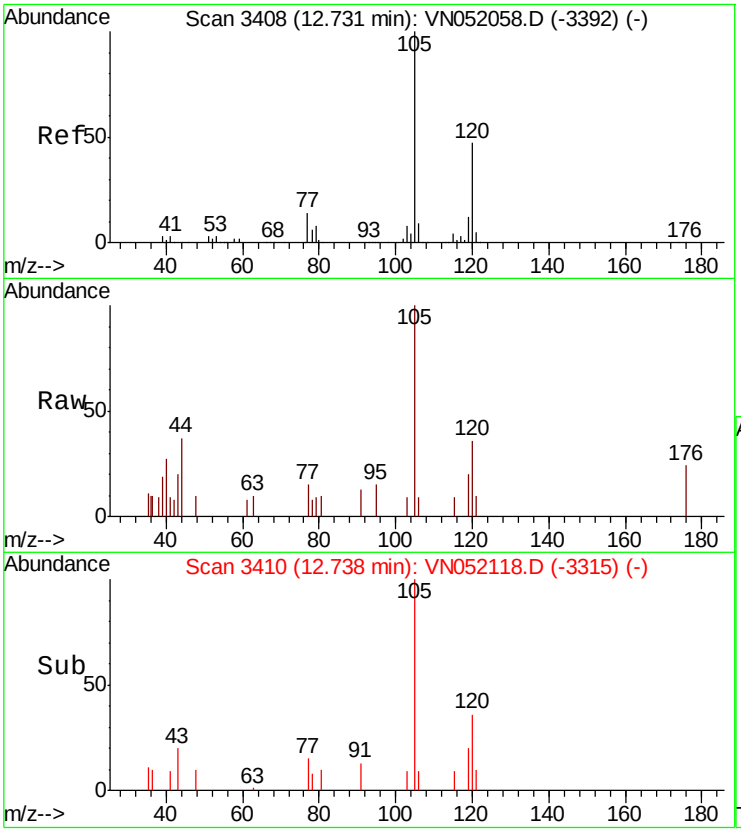


#76
1,2,3-Trichloropropane
Concen: 37.432 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 75 Resp: 148294

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



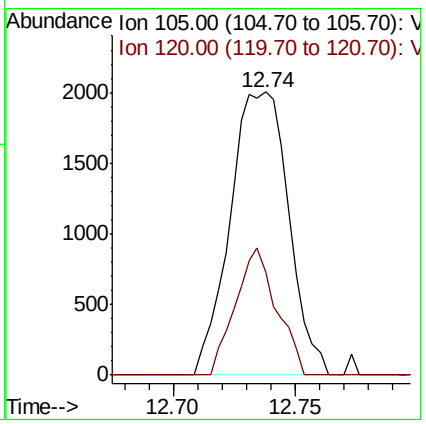


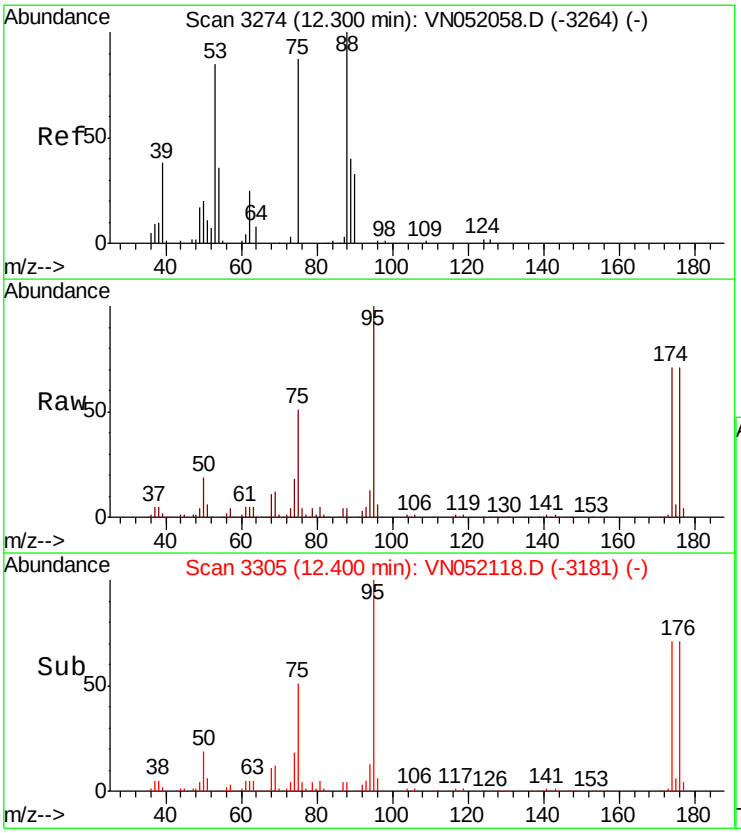
#80
1,3,5-Trimethylbenzene
Concen: 0.222 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.01 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion:105 Resp: 3338

Ion	Ratio	Lower	Upper
105	100		
120	31.6	23.4	70.0

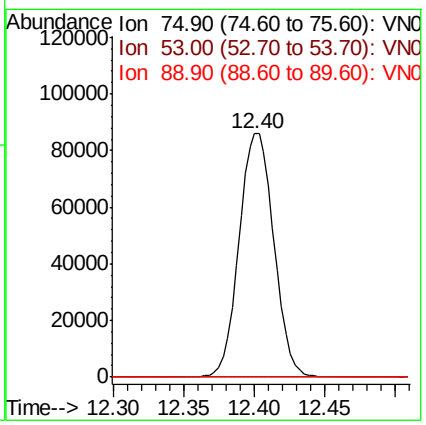


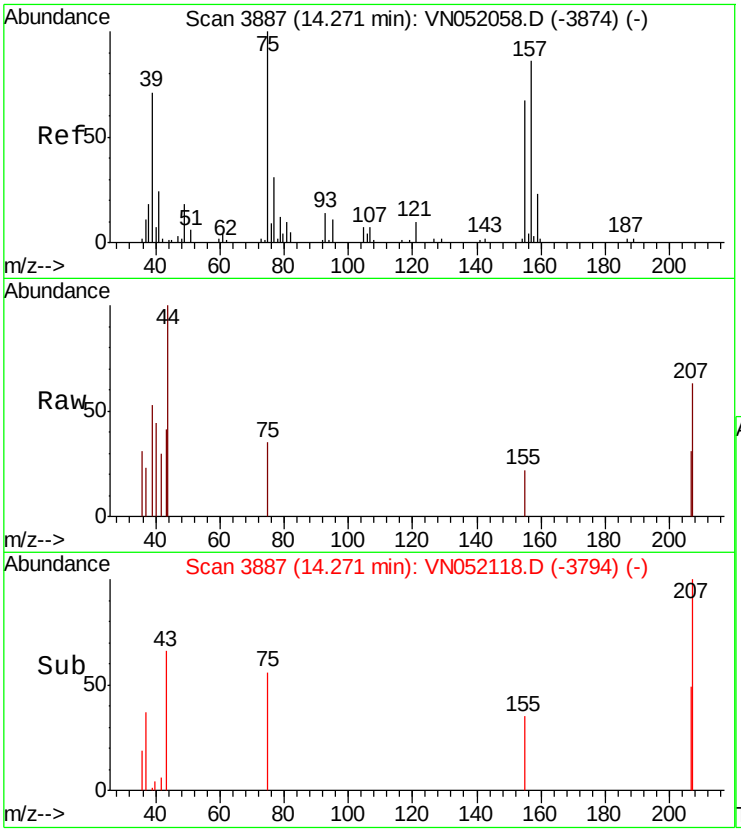


#81
trans-1,4-Dichloro-2-butene
Concen: 124.241 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 75 Resp: 148294

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.8	122.6#
89	0.0	36.6	54.8#



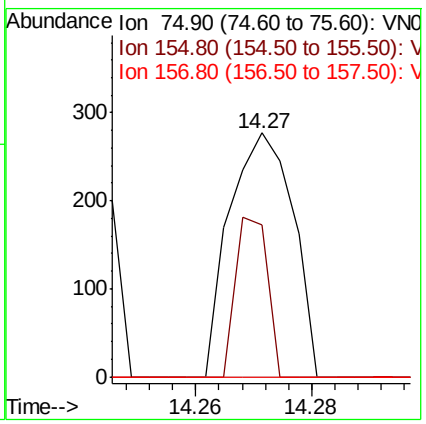


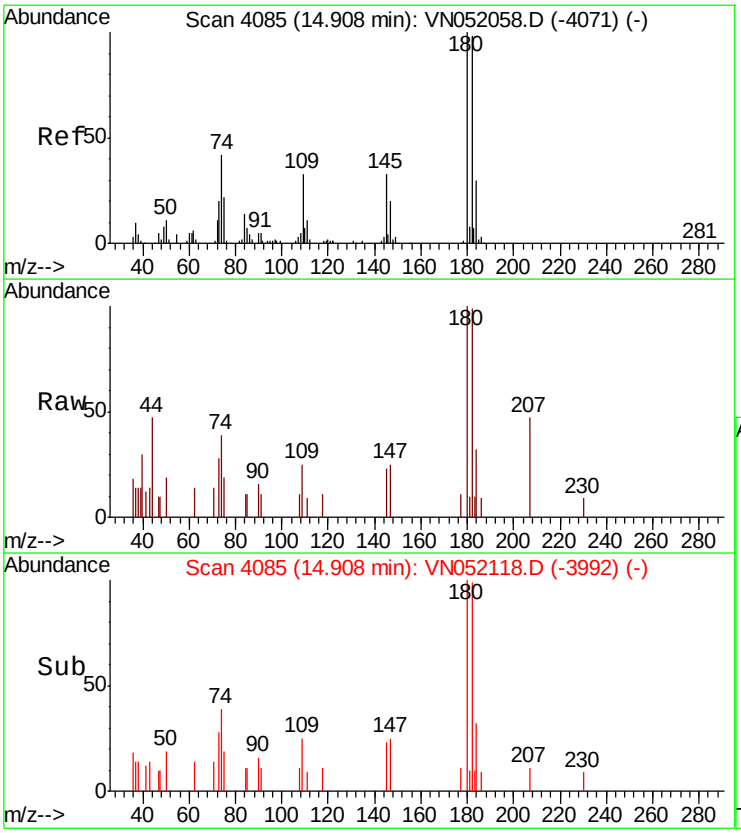
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.241 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion: 75 Resp: 210

Ion	Ratio	Lower	Upper
75	100		
155	32.4	34.0	102.0#
157	0.0	42.1	126.4#

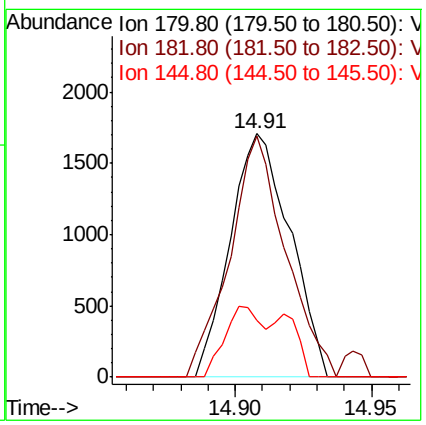


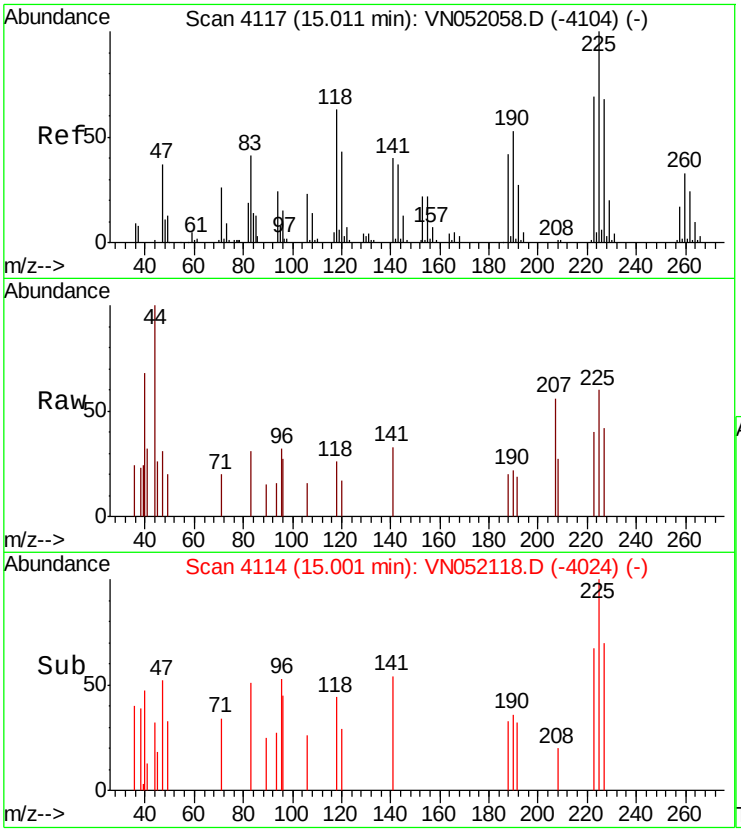


#93
1,2,4-Trichlorobenzene
Concen: 1.049 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion:180 Resp: 2593

Ion	Ratio	Lower	Upper
180	100		
182	92.8	49.1	147.4
145	18.5	16.4	49.2



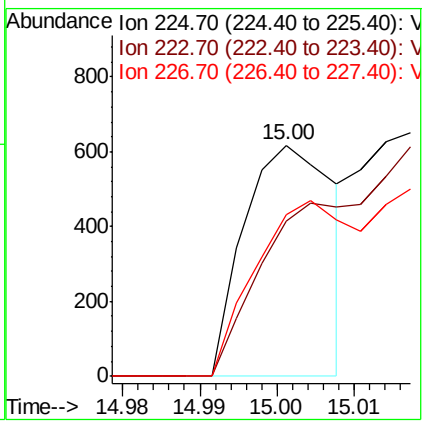


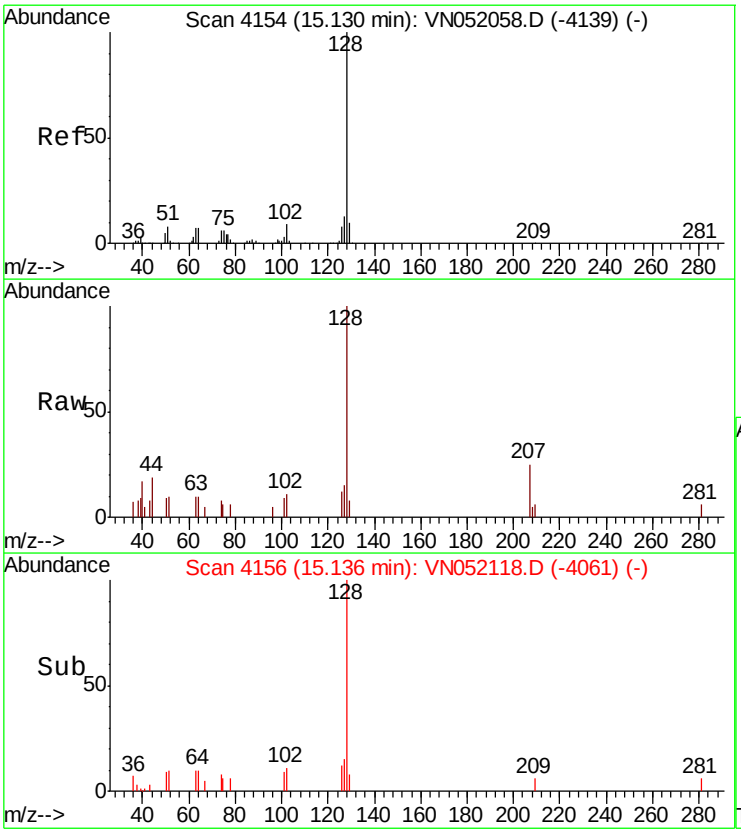
#94
Hexachlorobutadiene
Concen: 0.361 ug/l
RT: 15.00 min Scan# 4114
Delta R.T. -0.01 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion:225 Resp: 500

Ion	Ratio	Lower	Upper
225	100		
223	176.0	33.1	99.3#
227	85.8	32.6	97.8

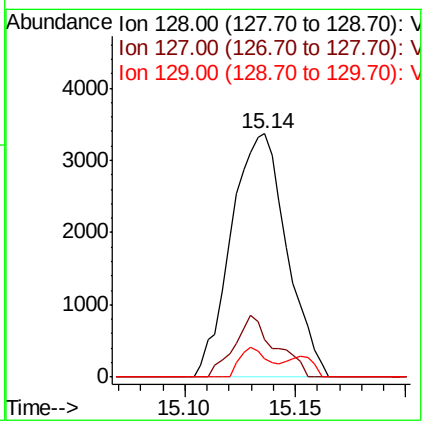


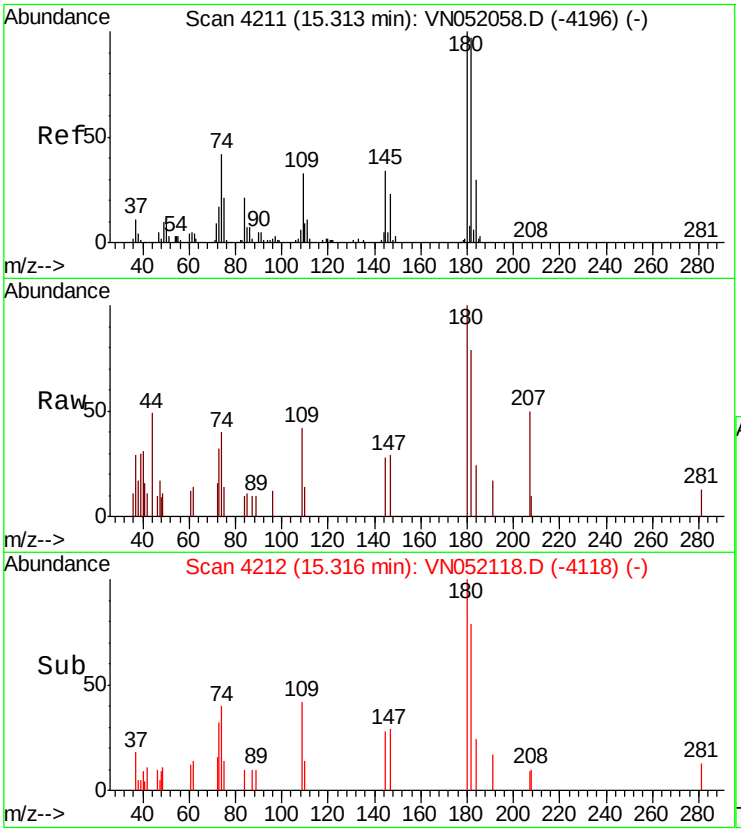


#95
Naphthalene
Concen: 0.949 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion:128 Resp: 5883

Ion	Ratio	Lower	Upper
128	100		
127	18.7	10.5	15.7#
129	6.4	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 1.368 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tgt Ion:180 Resp: 2919

Ion	Ratio	Lower	Upper
180	100		
182	88.7	47.2	141.6
145	23.9	16.6	49.7