Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110218\
Data File : VN052128.D
Acq On : 2 Nov 2018 14:49
Operator : MD\SY
Sample : PB114370ZHE#17
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#17

Quant Time: Nov 02 23:13:41 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	273661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	512442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	239596	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.12%			
35) Dibromofluoromethane	7.60	113	198248	61.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.68%			
50) Toluene-d8	10.09	98	769965	60.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.18%			
62) 4-Bromofluorobenzene	12.40	95	263038	55.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.84%			
Target Compounds						Qvalue
13) Acrolein	3.60	56	30	24.160	ug/l #	1
16) Acetone	3.82	43	14471	15.438	ug/l	90
18) Methyl Acetate	4.33	43	4245	1.423	ug/l #	62
20) Methylene Chloride	4.56	84	5701	1.596	ug/l #	80
25) 2-Butanone	6.83	43	1106	0.752	ug/l	97
29) Tetrahydrofuran	7.23	42	1238	1.264	ug/l #	46
31) Cyclohexane	7.67	56	7210	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	23641	4.537	ug/l #	47
38) Carbon Tetrachloride	7.67	117	27891	6.208	ug/l #	16
43) Isopropyl Acetate	8.17	43	192758	31.075	ug/l	96
48) Methyl methacrylate	9.18	41	4549	1.446	ug/l #	21
49) 1,4-Dioxane	9.18	88	32	26.244	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	1028	0.305	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	1902	0.324	ug/l #	55
59) 2-Hexanone	10.77	43	11775	4.901	ug/l #	60
71) Bromoform	12.38	173	62	2.206	ug/l #	29
76) 1,2,3-Trichloropropane	12.40	75	137689	37.029	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	137689	122.907	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	95	1.074	ug/l #	11

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

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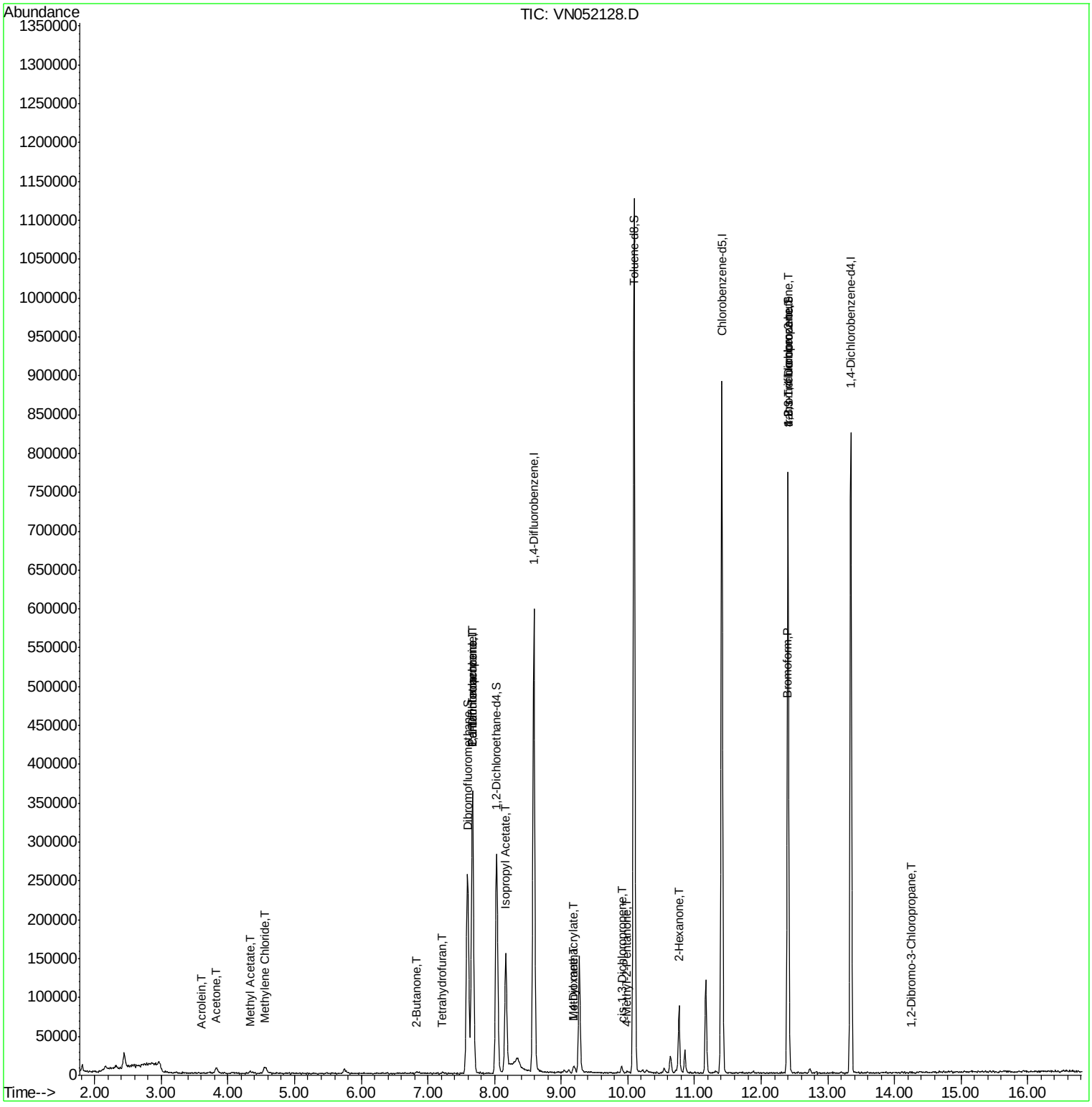
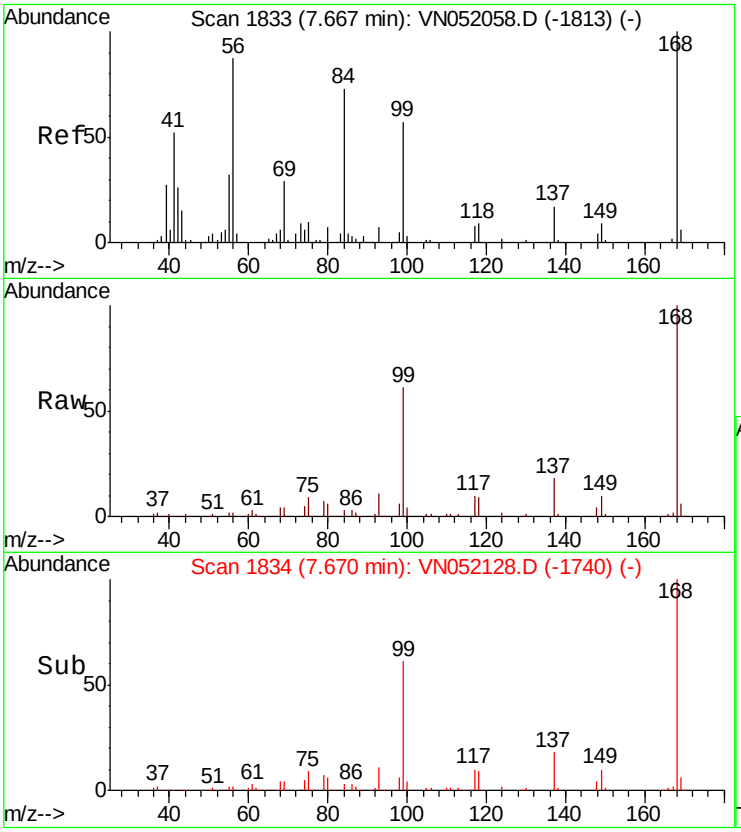


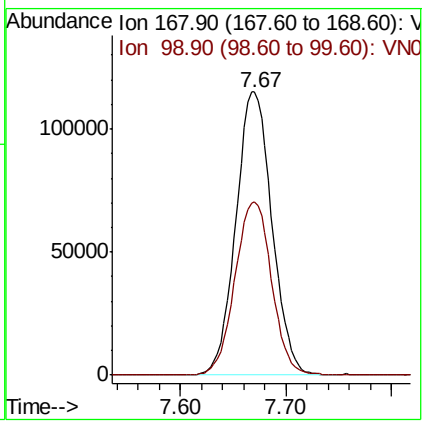


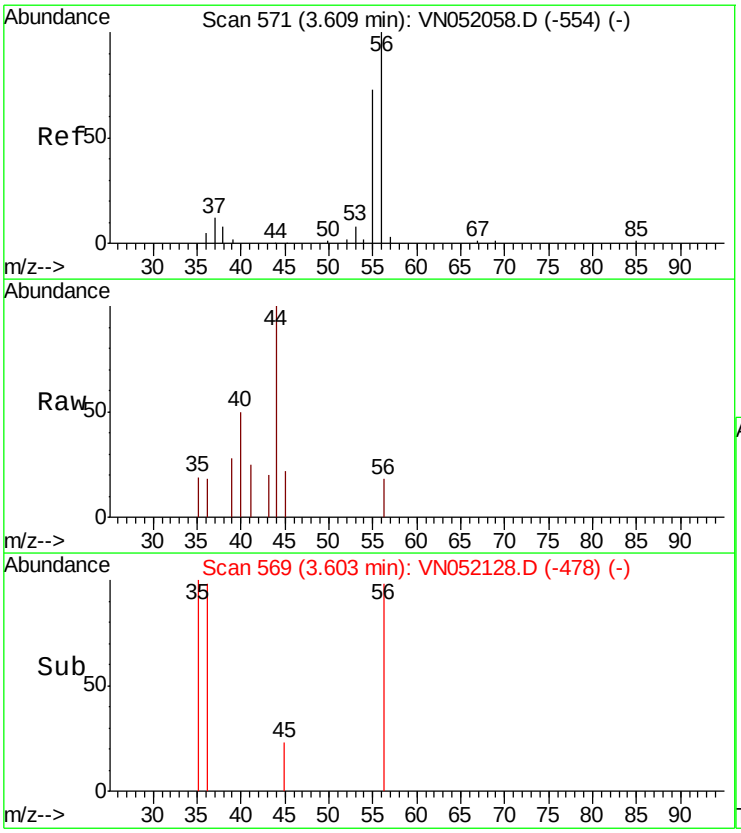
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#17

Tgt Ion:168 Resp: 273661

Ion	Ratio	Lower	Upper
168	100		
99	61.4	56.6	85.0

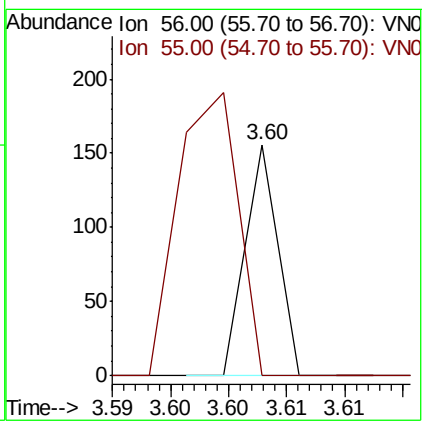


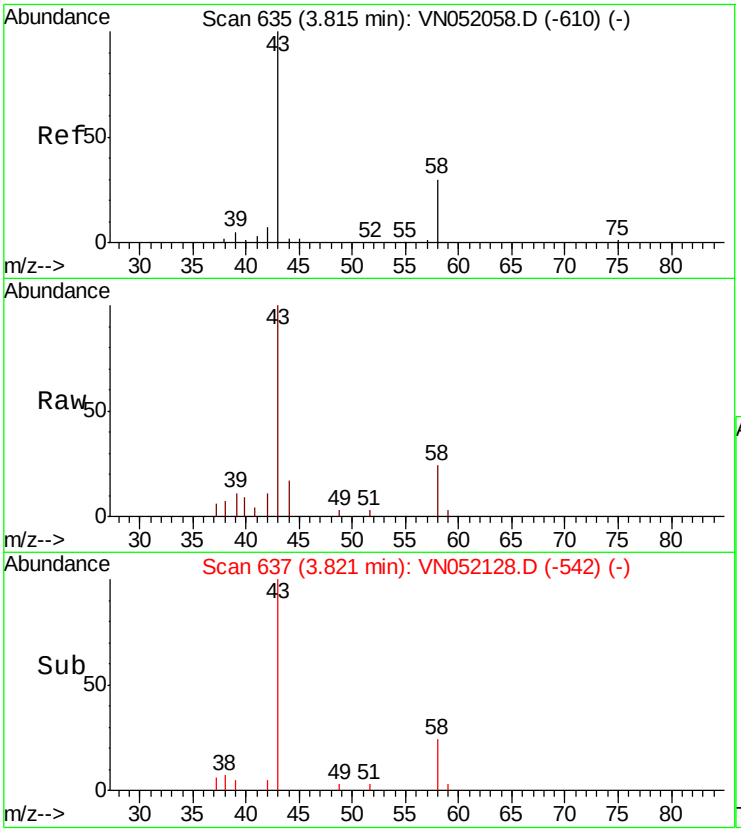


#13
Acrolein
Concen: 24.160 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.01 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion: 56 Resp: 30

Ion	Ratio	Lower	Upper
56	100		
55	226.7	59.9	89.9#



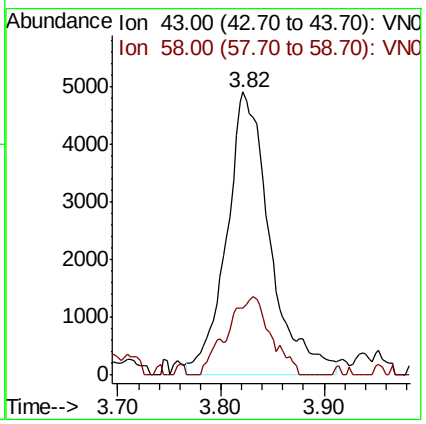


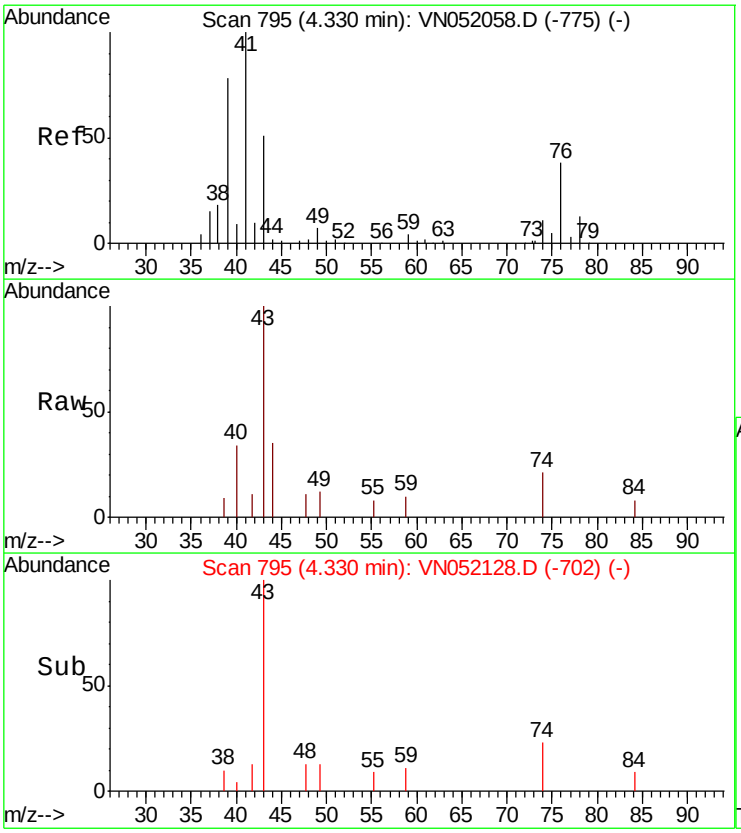
#16
Acetone
Concen: 15.438 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#17

Tgt Ion: 43 Resp: 14471

Ion	Ratio	Lower	Upper
43	100		
58	24.6	24.2	36.2

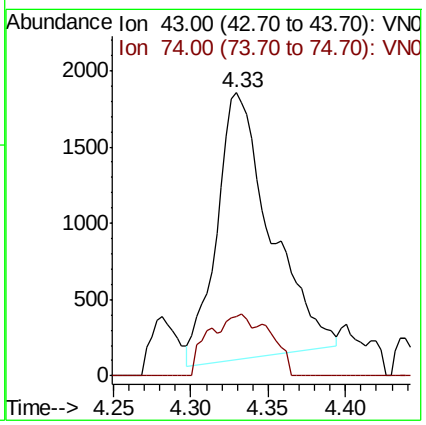


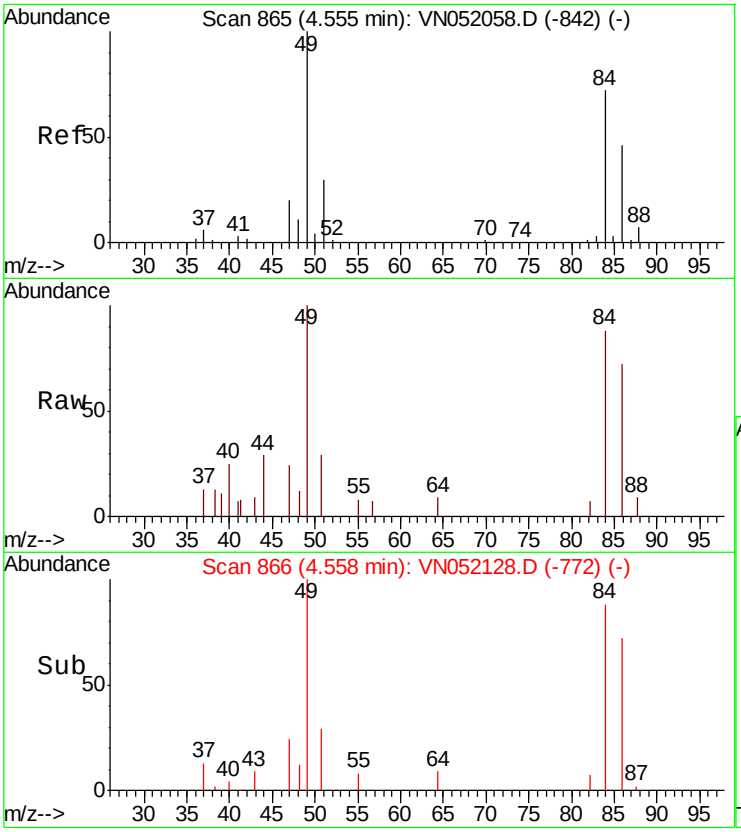


#18
Methyl Acetate
Concen: 1.423 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion: 43 Resp: 4245

Ion	Ratio	Lower	Upper
43	100		
74	4.4	17.9	26.9#



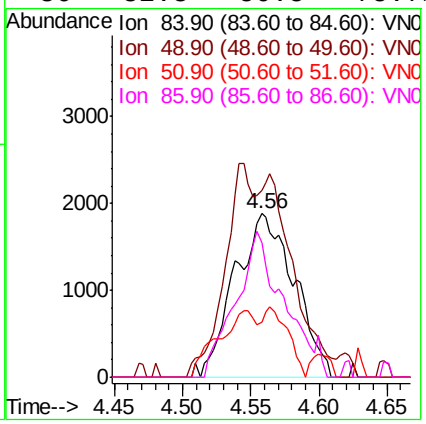


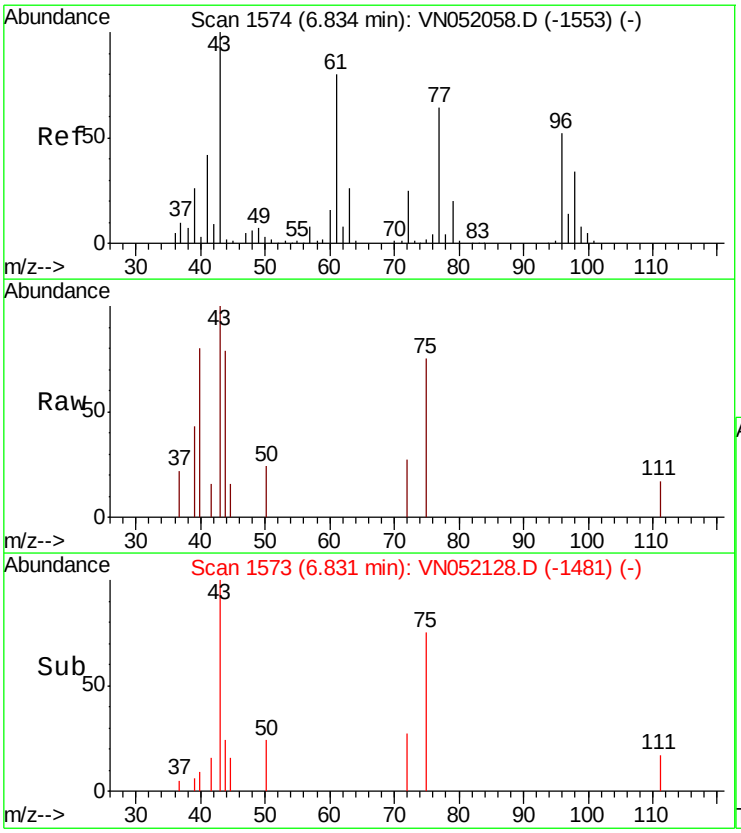
#20
Methylene Chloride
Concen: 1.596 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#17

Tgt Ion: 84 Resp: 5701

Ion	Ratio	Lower	Upper
84	100		
49	114.1	110.6	165.8
51	33.4	33.7	50.5#
86	82.3	50.5	75.7#

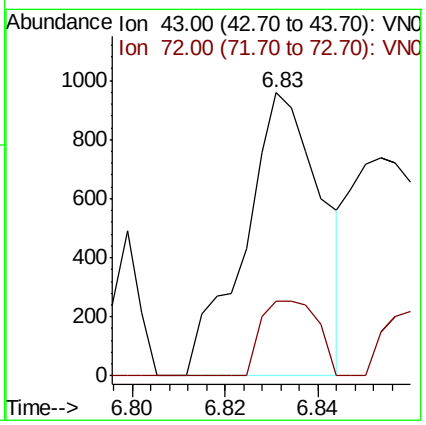


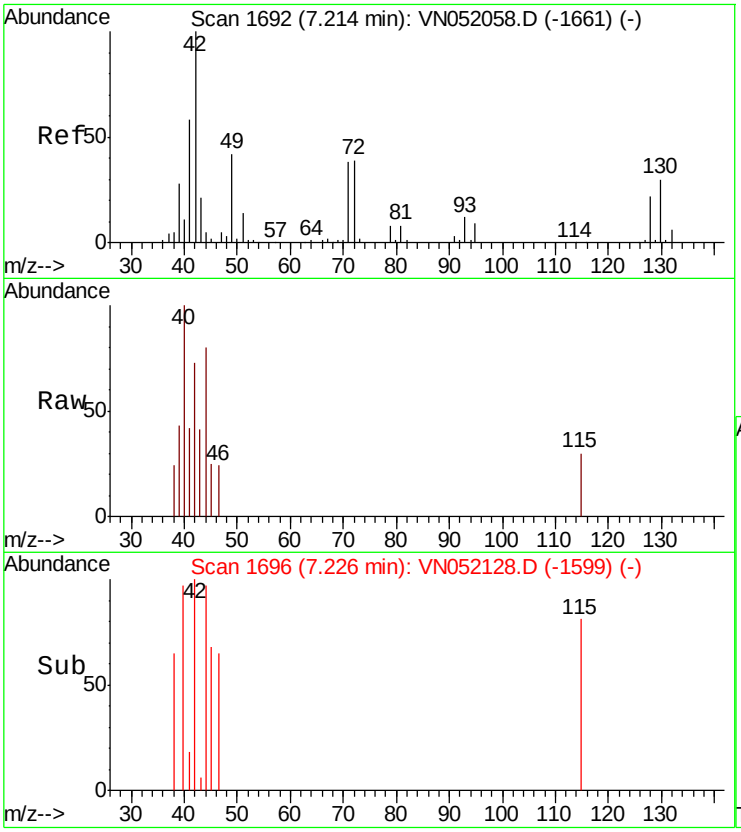


#25
2-Butanone
Concen: 0.752 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion: 43 Resp: 1106

Ion	Ratio	Lower	Upper
43	100		
72	26.5	20.2	30.2



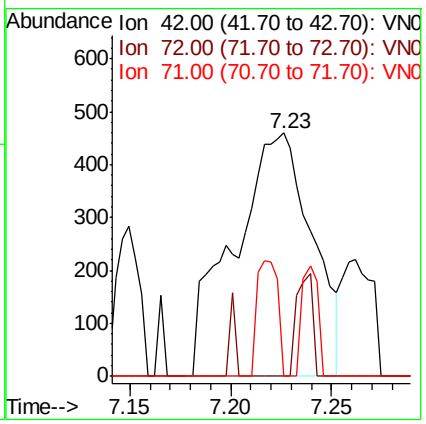


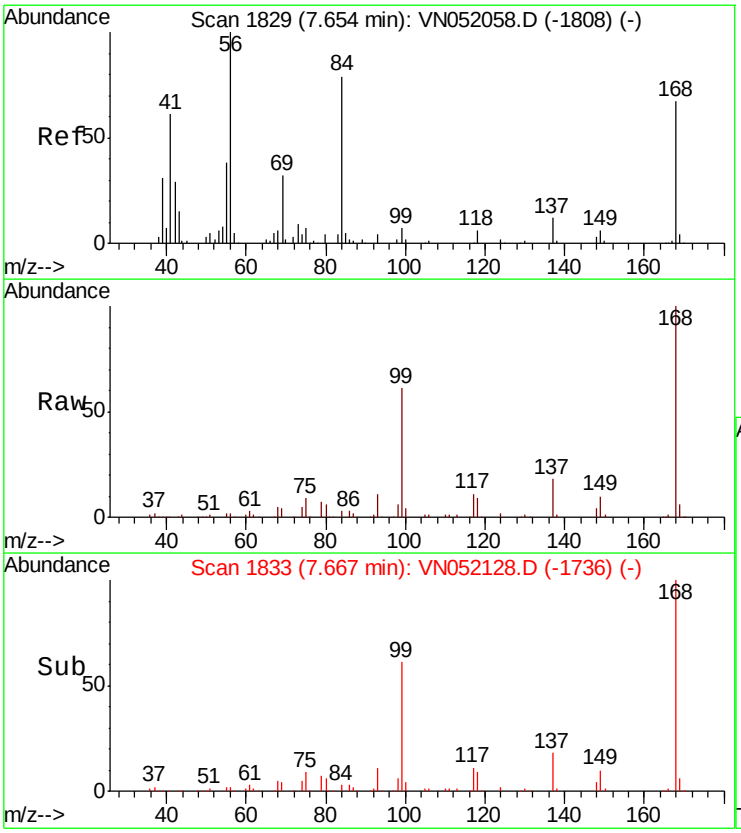
#29
Tetrahydrofuran
Concen: 1.264 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#17

Tgt Ion: 42 Resp: 1238

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.5	48.7#
71	12.7	30.6	46.0#

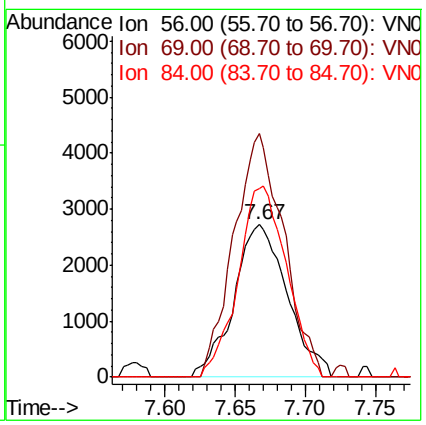


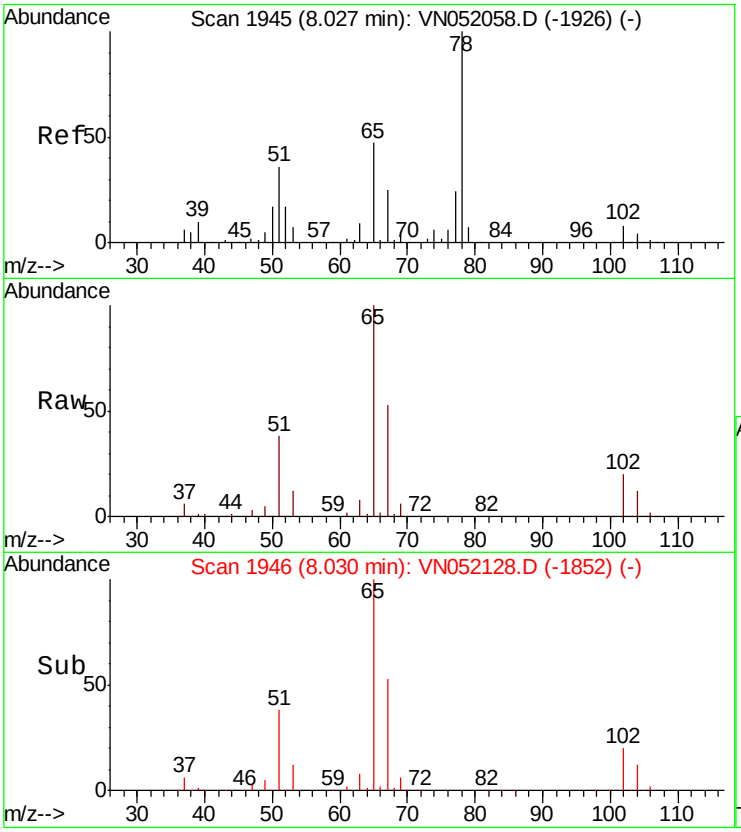


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion: 56 Resp: 7210

Ion	Ratio	Lower	Upper
56	100		
69	159.9	25.8	38.6#
84	124.2	63.5	95.3#



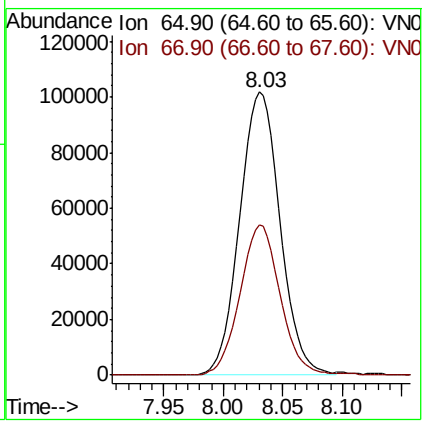


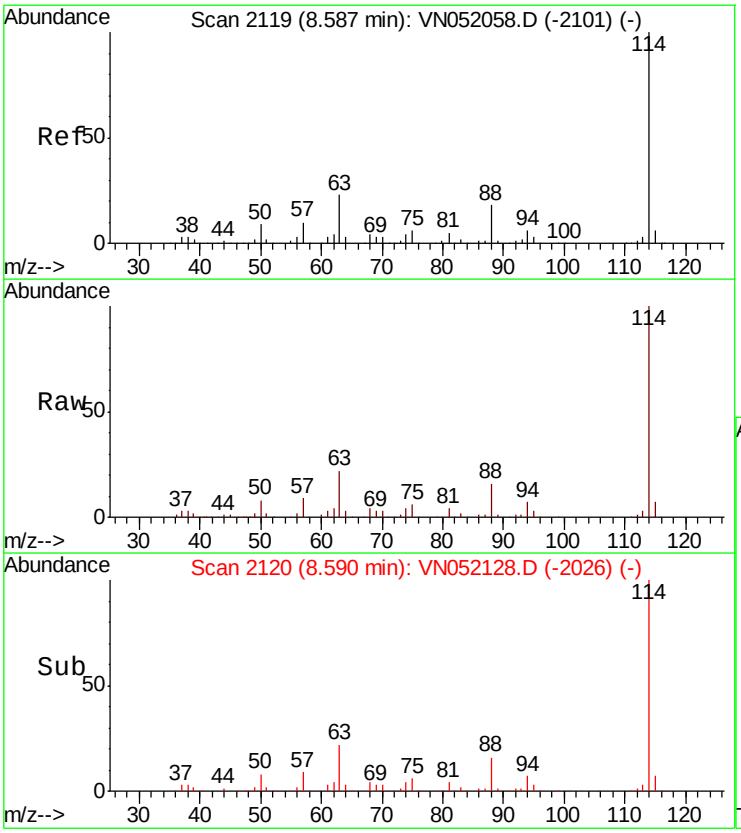
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#17

Tgt Ion: 65 Resp: 239596

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.2

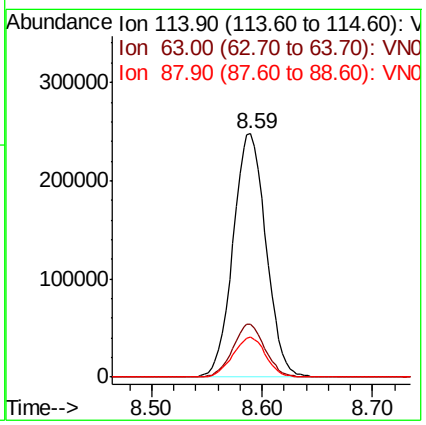


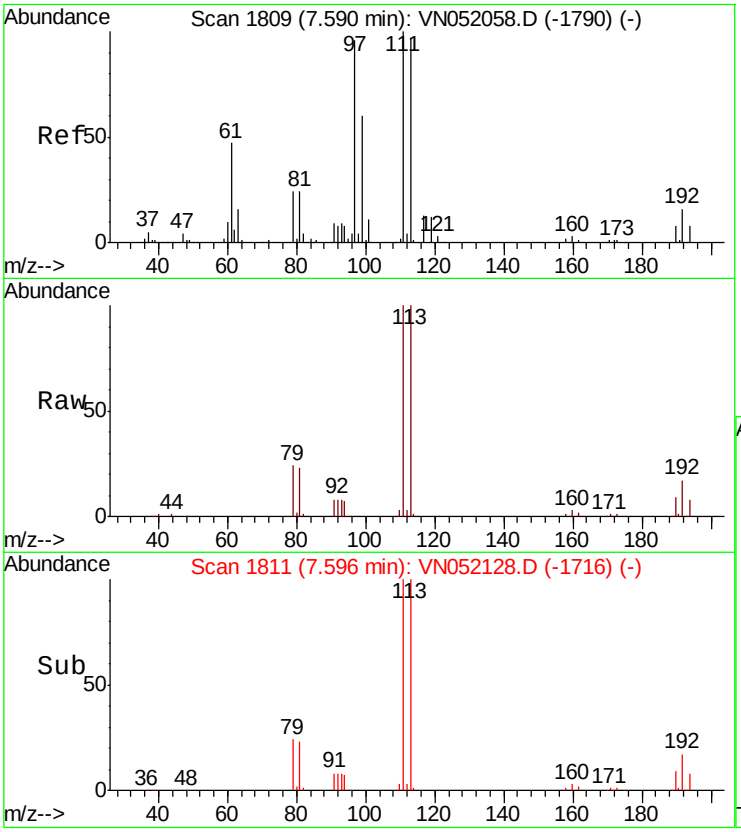


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion:114 Resp: 512442

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	46.0
88	16.3	0.0	35.4



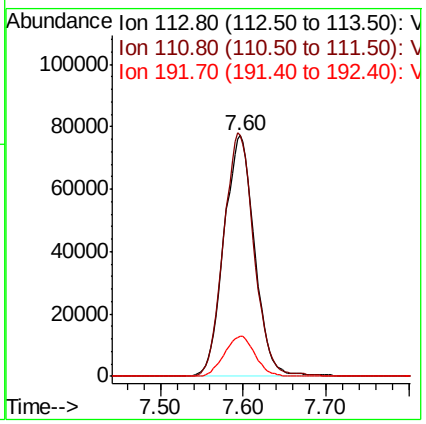


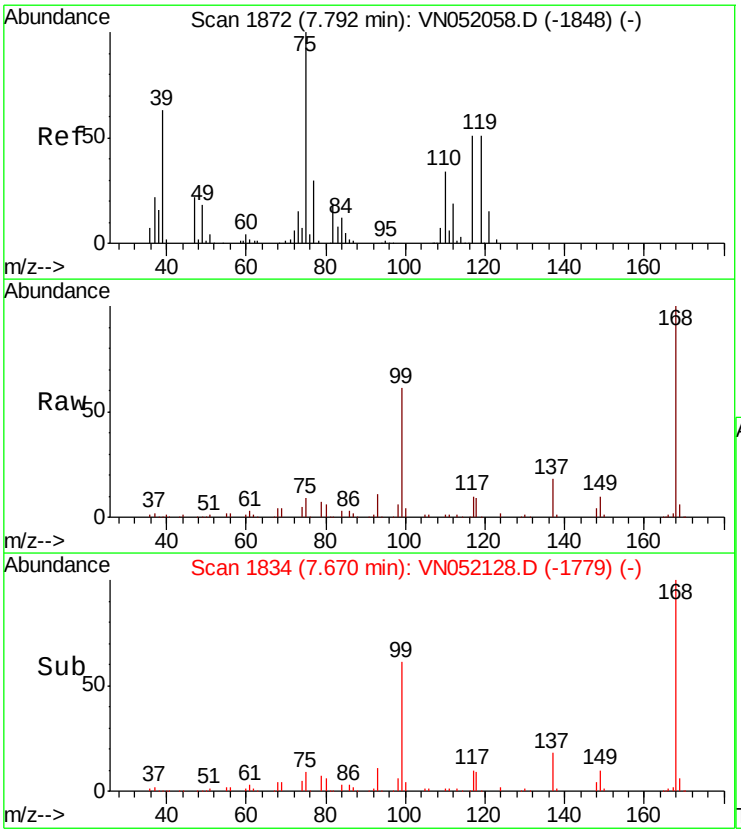
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.60 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#17

Tgt Ion:113 Resp: 198248

Ion	Ratio	Lower	Upper
113	100		
111	99.7	83.1	124.7
192	16.6	12.7	19.1

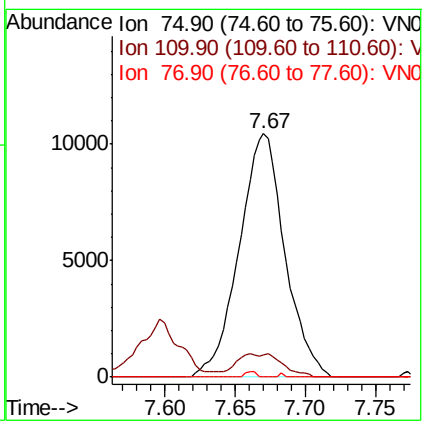


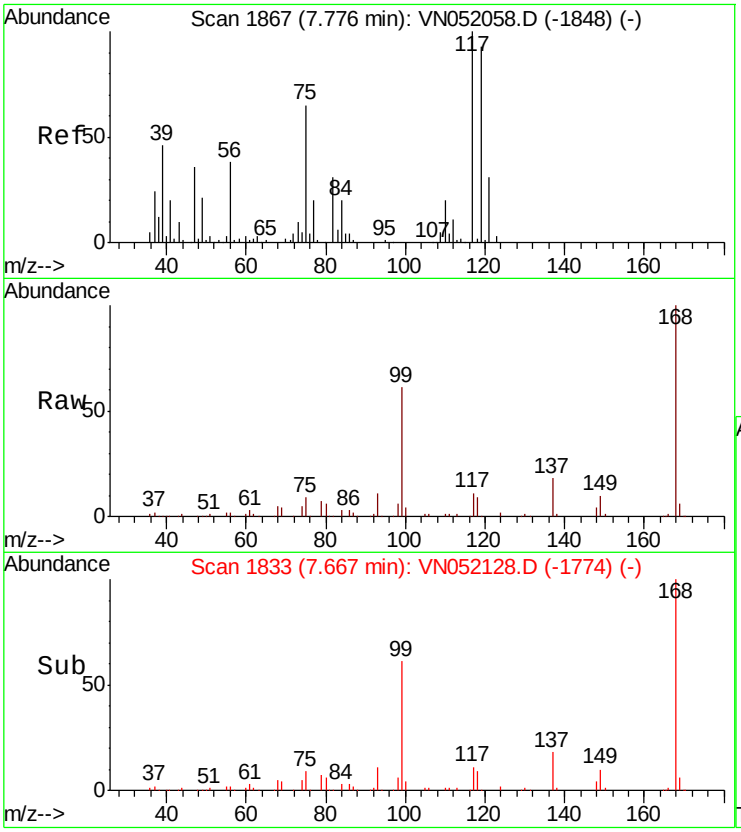


#36
1,1-Dichloropropene
Concen: 4.537 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.12 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion: 75 Resp: 23641

Ion	Ratio	Lower	Upper
75	100		
110	3.4	16.0	48.0#
77	0.5	24.5	36.7#



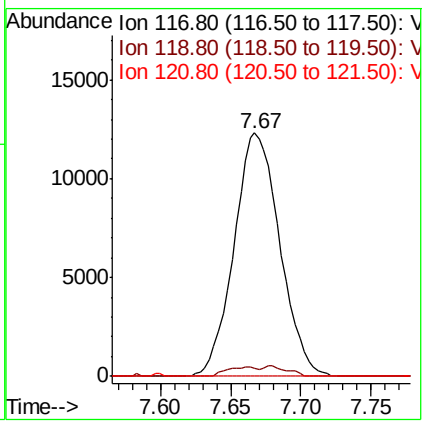


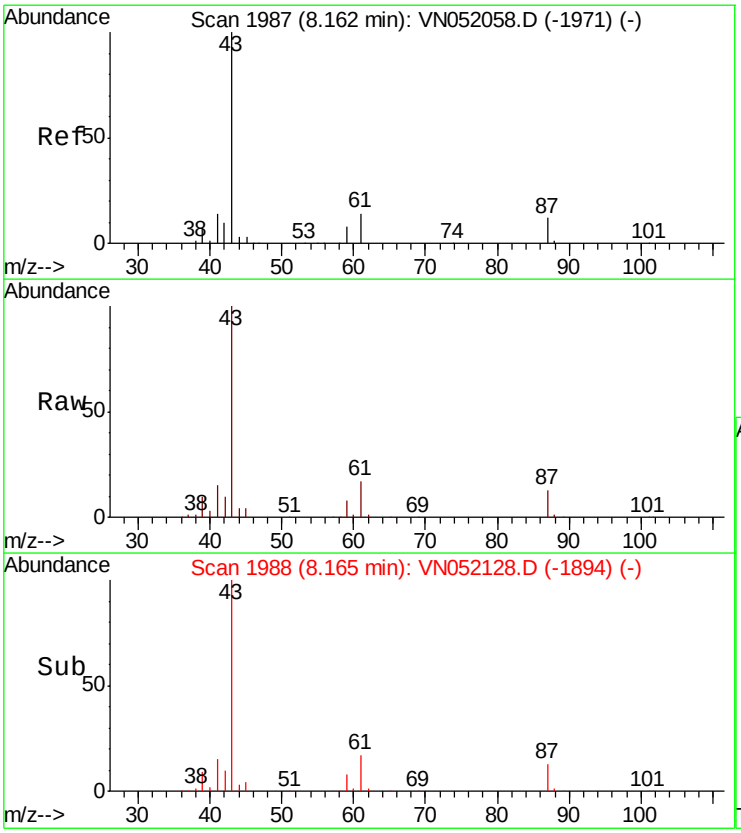
#38
Carbon Tetrachloride
Concen: 6.208 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#17

Tgt Ion:117 Resp: 27891

Ion	Ratio	Lower	Upper
117	100		
119	3.2	74.8	112.2#
121	0.0	25.1	37.7#

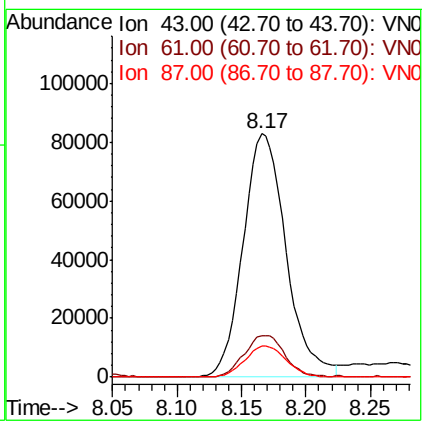


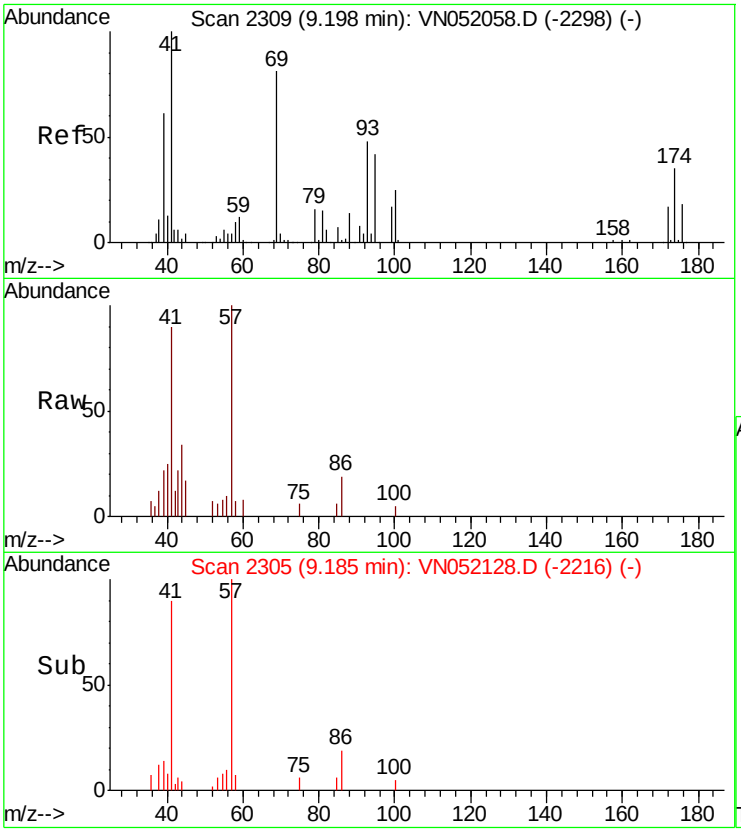


#43
Isopropyl Acetate
Concen: 31.075 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion: 43 Resp: 192758

Ion	Ratio	Lower	Upper
43	100		
61	16.3	15.4	23.0
87	12.3	9.8	14.8



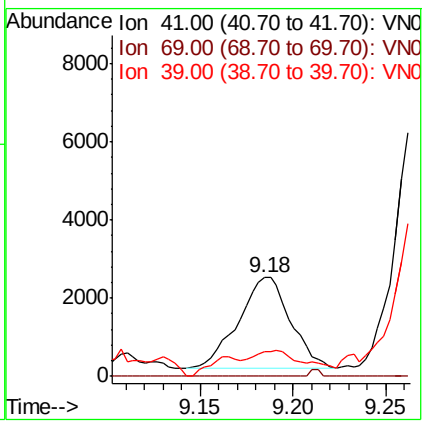


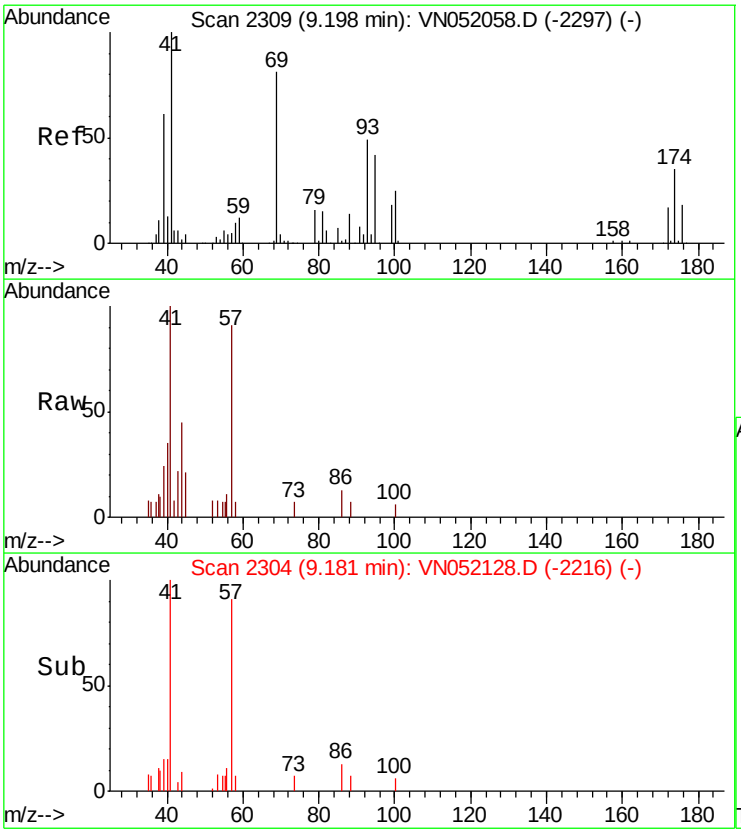
#48
Methyl methacrylate
Concen: 1.446 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#17

Tgt Ion: 41 Resp: 4549

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.1	100.7#
39	16.4	50.5	75.7#

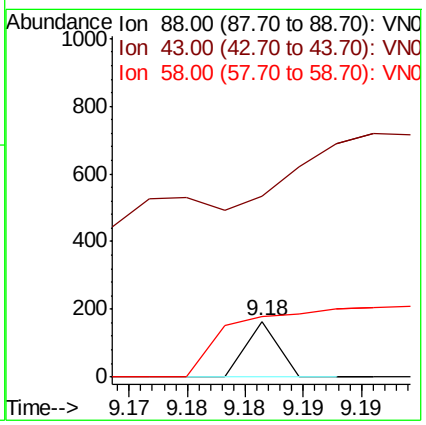


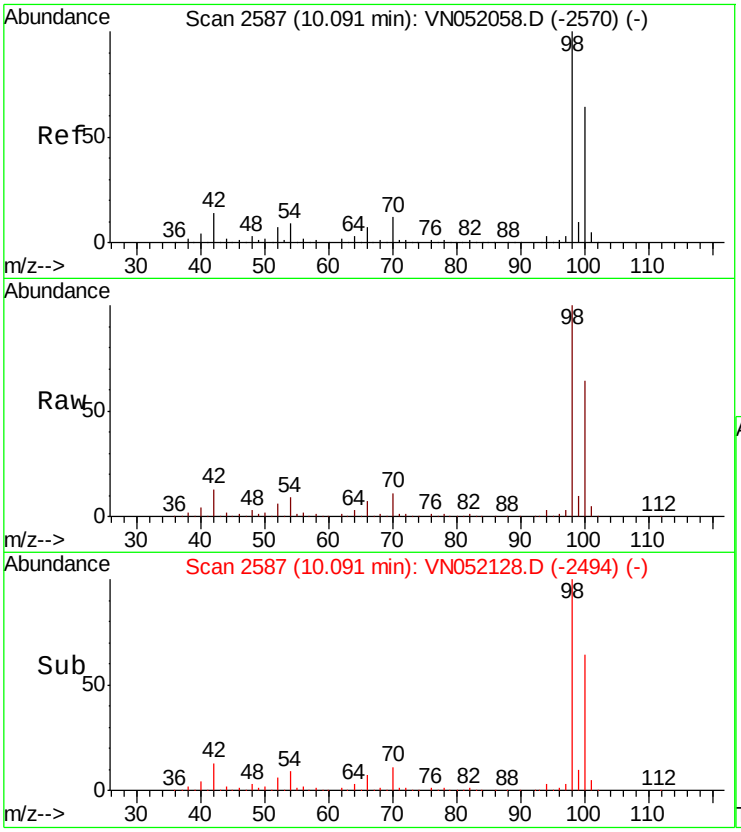


#49
1,4-Dioxane
Concen: 26.244 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion: 88 Resp: 32

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



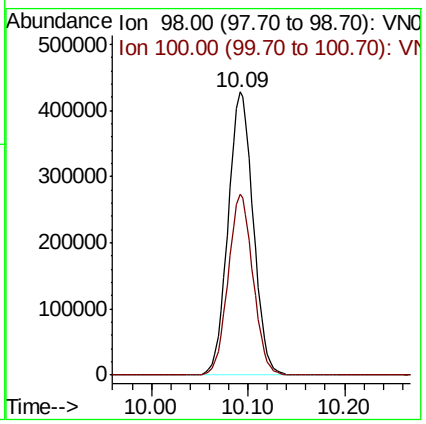


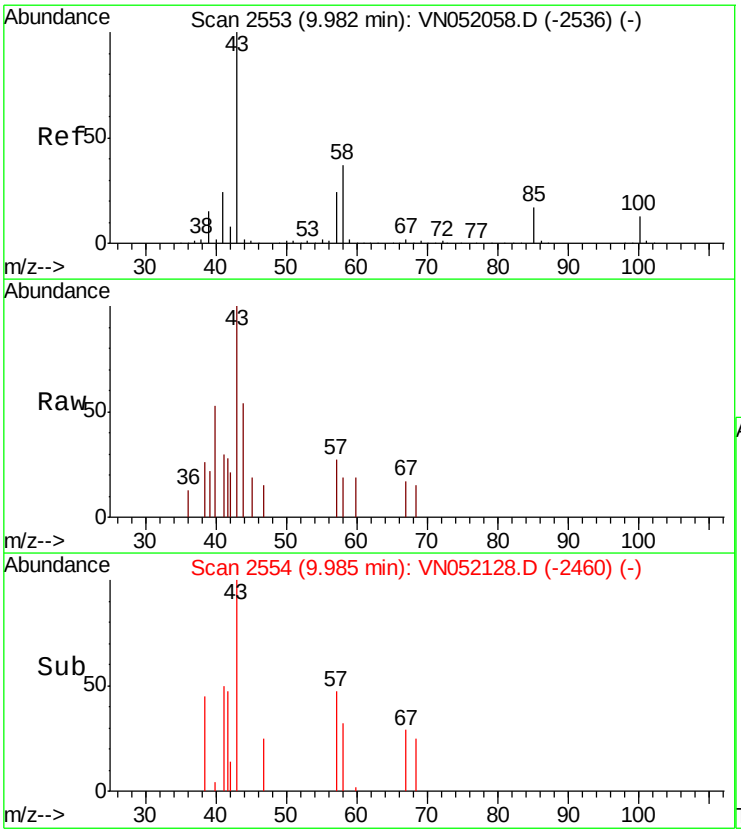
#50
Toluene-d8
Concen: 26.244 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#17

Tgt Ion: 98 Resp: 769965

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.4	77.2

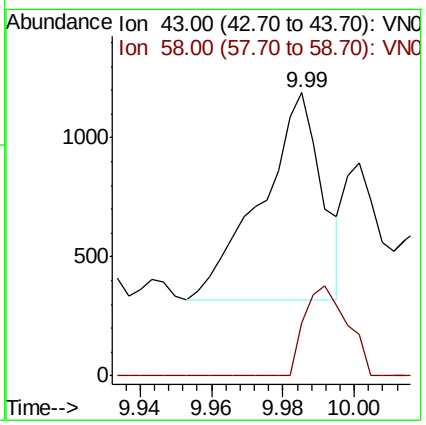


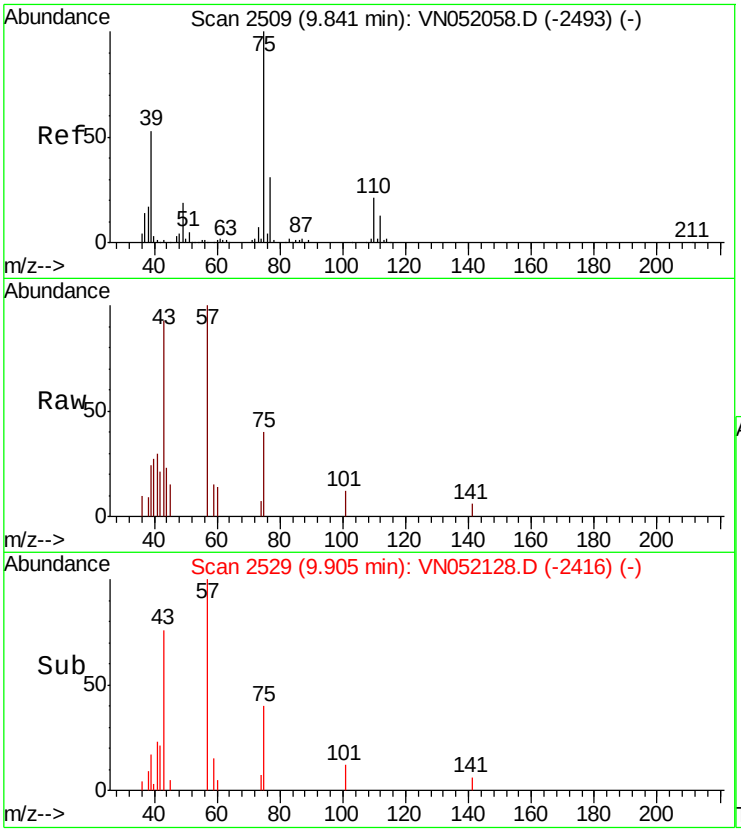


#51
4-Methyl-2-Pentanone
Concen: 0.305 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion: 43 Resp: 1028

Ion	Ratio	Lower	Upper
43	100		
58	30.5	29.7	44.5



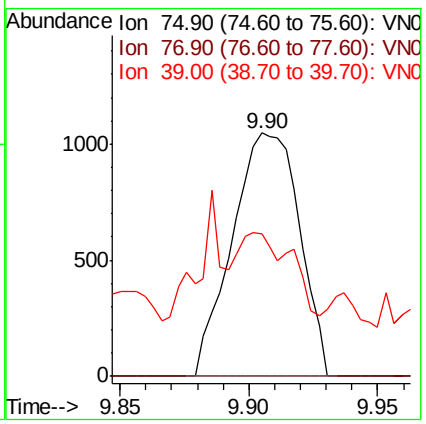


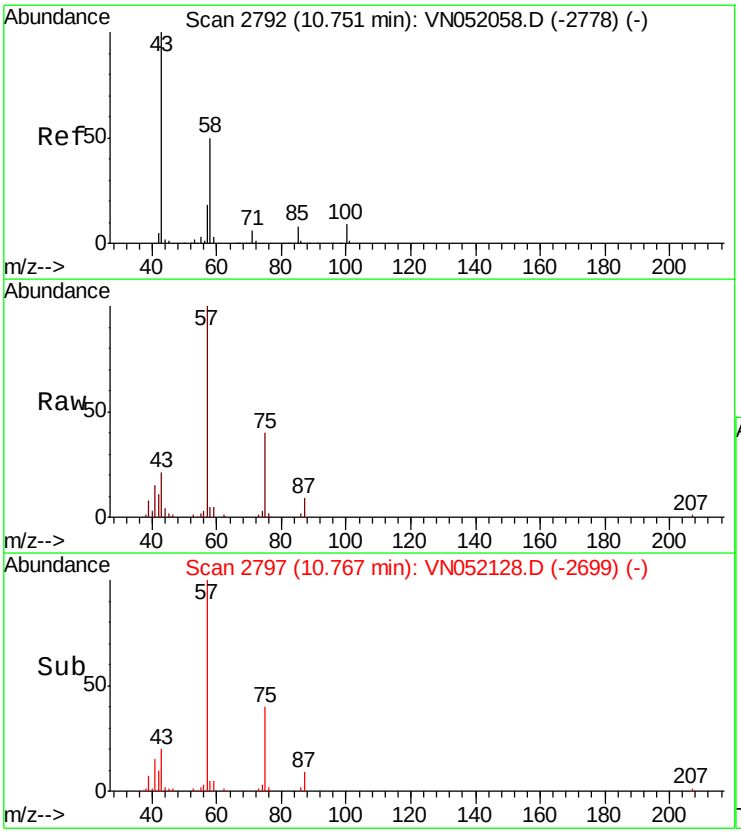
#54
cis-1,3-Dichloropropene
Concen: 0.324 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument : MSVOA_N
ClientSampleId : PB114370ZHE#17

Tgt Ion: 75 Resp: 1902

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	25.8	42.3	63.5#

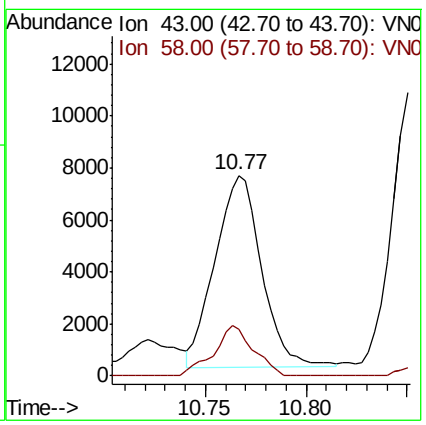


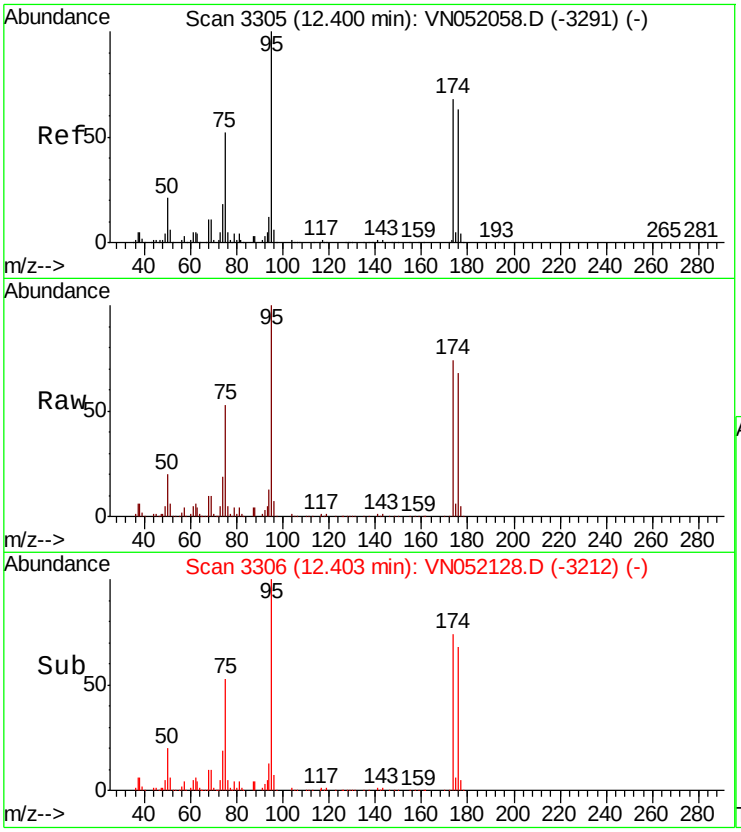


#59
2-Hexanone
Concen: 4.901 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion: 43 Resp: 11775

Ion	Ratio	Lower	Upper
43	100		
58	22.4	25.2	75.6#



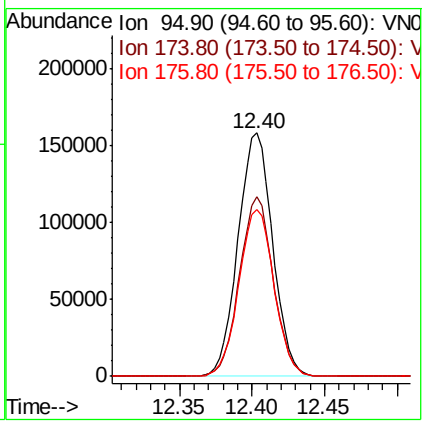


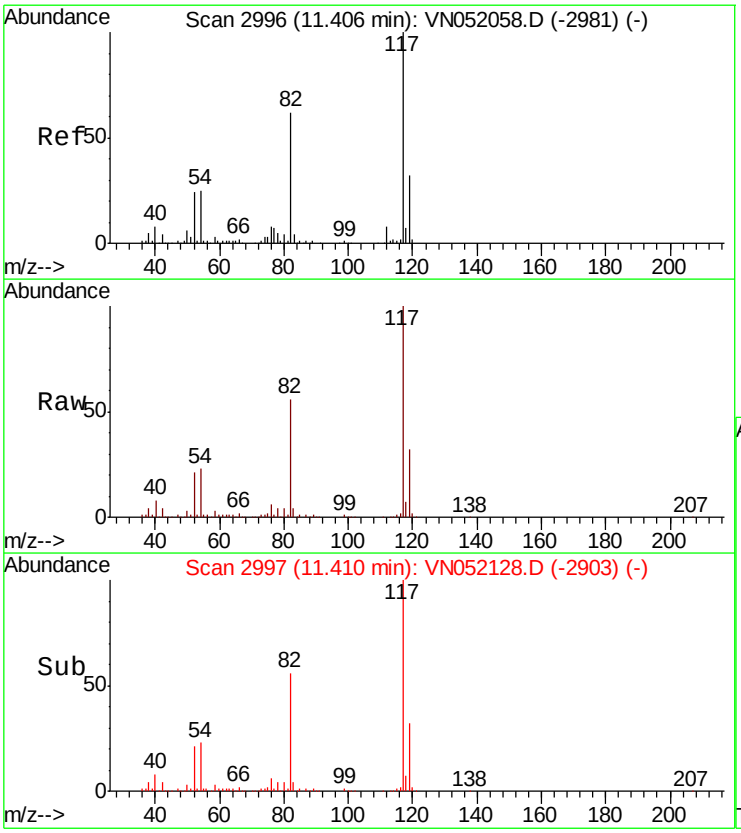
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#17

Tgt Ion: 95 Resp: 263038

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	131.8
176	69.4	0.0	126.0

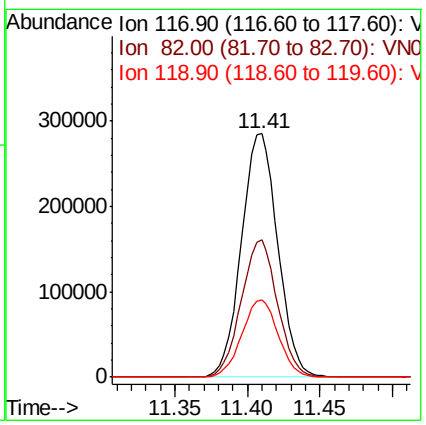


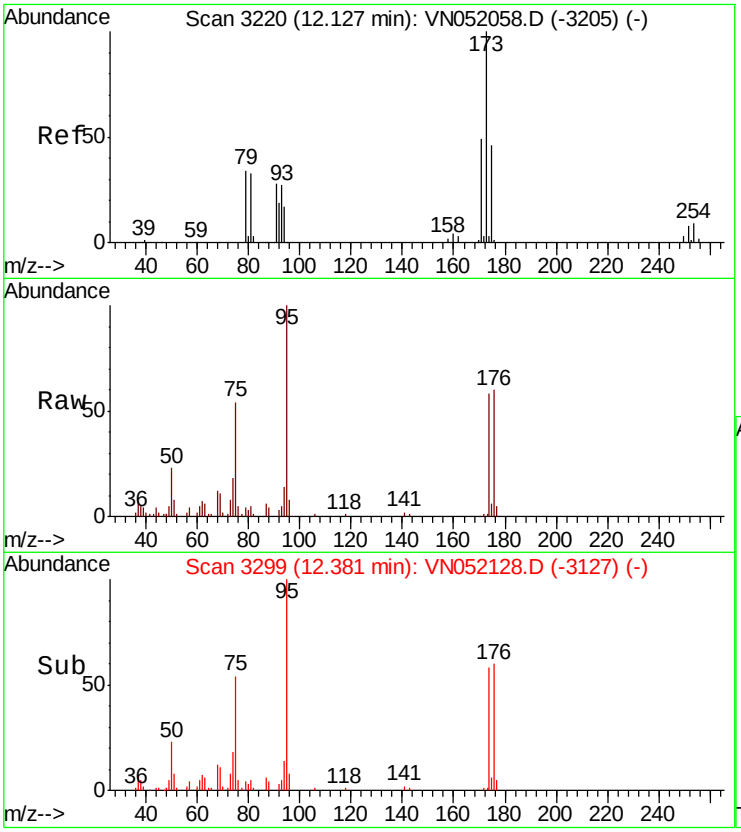


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion:117 Resp: 496713

Ion	Ratio	Lower	Upper
117	100		
82	56.4	49.9	74.9
119	31.8	25.7	38.5



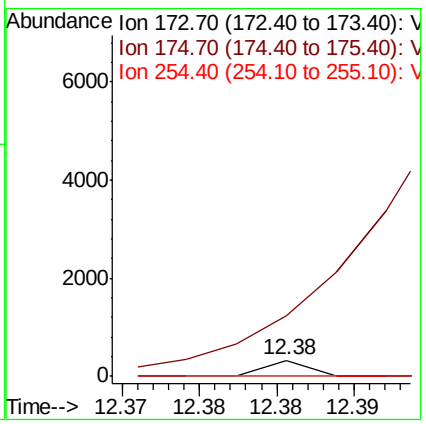


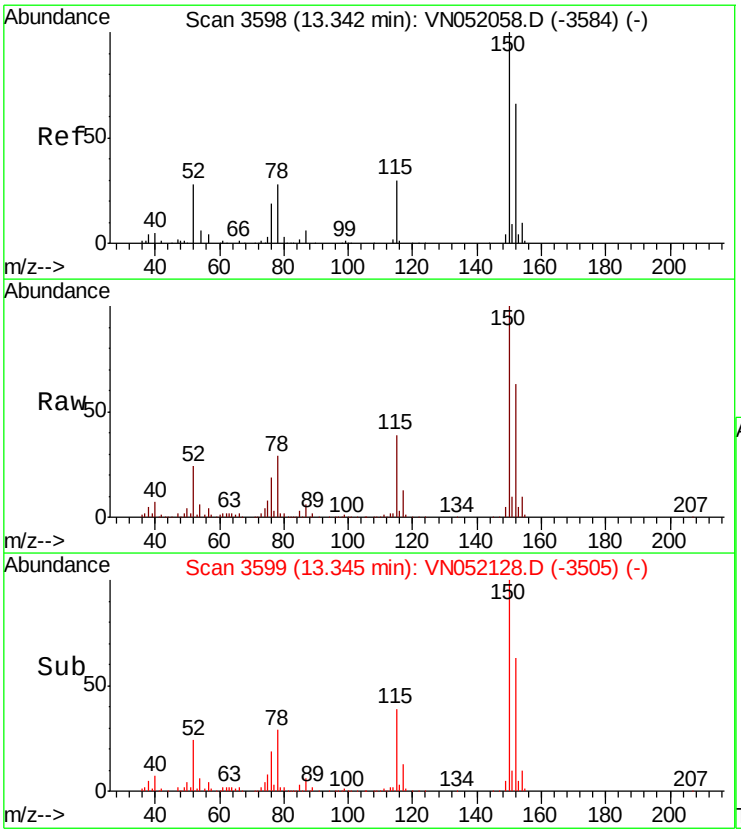
#71
Bromoform
Concen: 2.206 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.25 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#17

Tgt Ion:173 Resp: 62

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

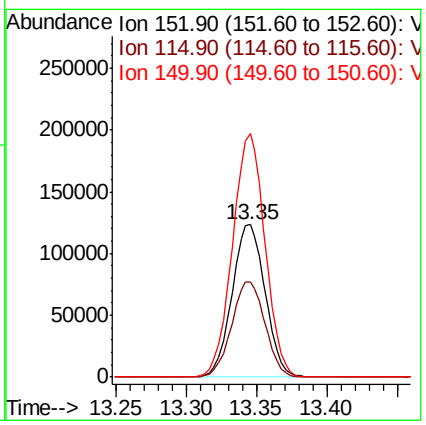


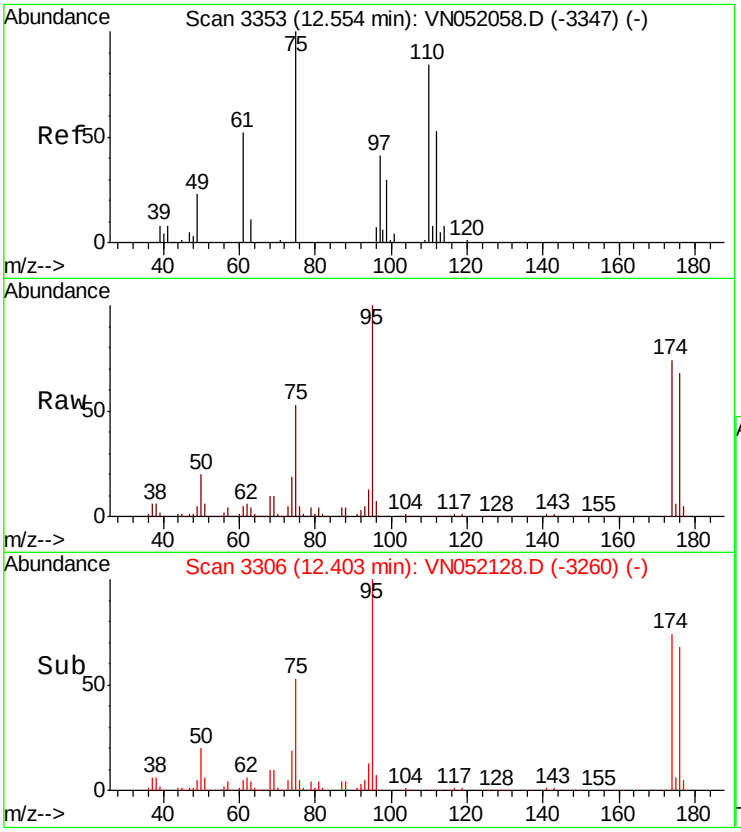


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion:152 Resp: 203129

Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.6	95.0
150	156.7	0.0	345.0



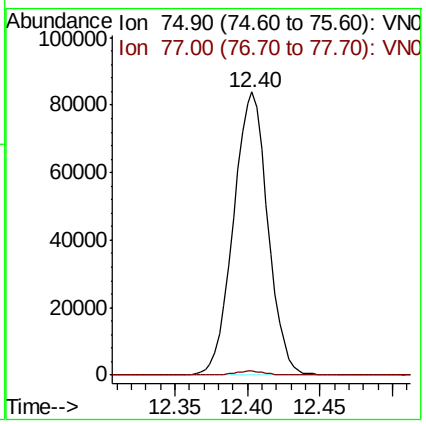


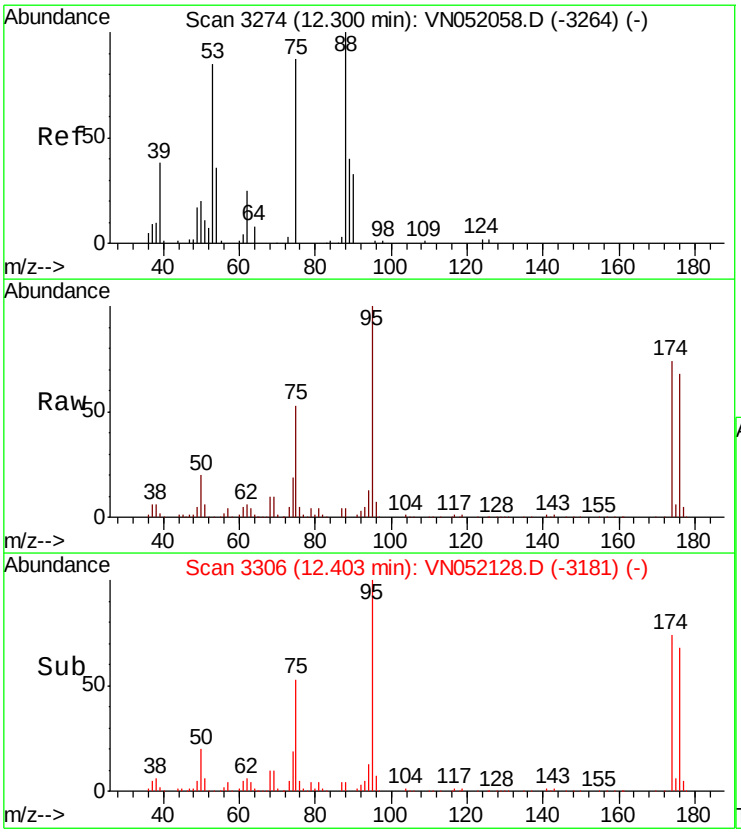
#76
1,2,3-Trichloropropane
Concen: 37.029 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#17

Tgt Ion: 75 Resp: 137689

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

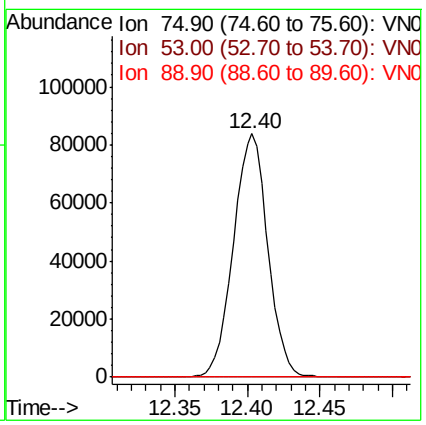


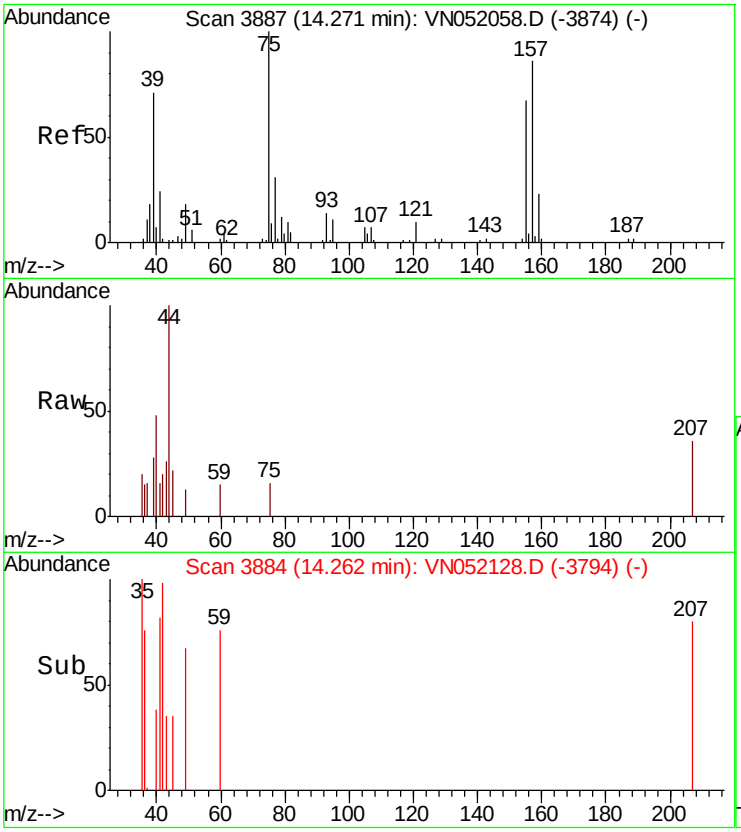


#81
trans-1,4-Dichloro-2-butene
Concen: 122.907 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Tgt Ion: 75 Resp: 137689

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: 1.074 ug/l
RT: 14.26 min Scan# 3884
Delta R.T. -0.01 min
Lab File: VN052128.D
Acq: 2 Nov 2018 14:49

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#17

Tgt Ion: 75 Resp: 95

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