Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
Data File : VN052069.D
Acq On : 31 Oct 2018 13:11
Operator : MD\SY
Sample : PB114328TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB114328TB

Quant Time: Oct 31 14:10:00 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	301280	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	558398	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	510026	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	208052	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	256932	53.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.28%				
35) Dibromofluoromethane	7.59	113	208116	59.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 119.16%				
50) Toluene-d8	10.09	98	828163	59.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 118.62%				
62) 4-Bromofluorobenzene	12.40	95	285741	55.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.50%				
Target Compounds							Qvalue
13) Acrolein	3.60	56	64	24.28	ug/l	#	69
16) Acetone	3.82	43	5878	5.70	ug/l		89
17) Carbon Disulfide	4.07	76	2632	0.26	ug/l	#	76
18) Methyl Acetate	4.34	43	3876	1.18	ug/l	#	66
20) Methylene Chloride	4.56	84	16974	4.32	ug/l		84
25) 2-Butanone	6.84	43	1015	0.63	ug/l	#	50
29) Tetrahydrofuran	7.22	42	603	0.56	ug/l	#	81
31) Cyclohexane	7.67	56	8931	Below Cal		#	1
36) 1,1-Dichloropropene	7.67	75	27683	4.88	ug/l	#	51
38) Carbon Tetrachloride	7.67	117	33447	6.83	ug/l	#	17
41) Methacrylonitrile	7.20	41	233	0.26	ug/l	#	23
43) Isopropyl Acetate	8.17	43	165497	24.48	ug/l		98
48) Methyl methacrylate	9.18	41	4971	1.45	ug/l	#	17
51) 4-Methyl-2-Pentanone	9.99	43	1406	0.38	ug/l		91
59) 2-Hexanone	10.76	43	11628	4.44	ug/l		65
68) m/p-Xylenes	11.62	106	1381	0.20	ug/l		75
71) Bromoform	12.39	173	420	2.36	ug/l	#	29
76) 1,2,3-Trichloropropane	12.40	75	146668	38.51	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	4085	0.28	ug/l		94
81) trans-1,4-Dichloro-2-buten	12.40	75	146668	127.82	ug/l	#	9
86) p-Isopropyltoluene	13.29	119	3054	0.22	ug/l	#	81
87) 1,3-Dichlorobenzene	13.28	146	1492	0.22	ug/l		82
88) 1,4-Dichlorobenzene	13.28	146	1492	0.22	ug/l		84
89) n-Butylbenzene	13.62	91	3021	0.22	ug/l		92
92) 1,2-Dibromo-3-Chloropropan	14.26	75	105	1.09	ug/l	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	2418	1.02	ug/l		88
94) Hexachlorobutadiene	15.01	225	968	0.73	ug/l		86
95) Naphthalene	15.13	128	6268	1.05	ug/l	#	88
96) 1,2,3-Trichlorobenzene	15.31	180	2505	1.22	ug/l		78

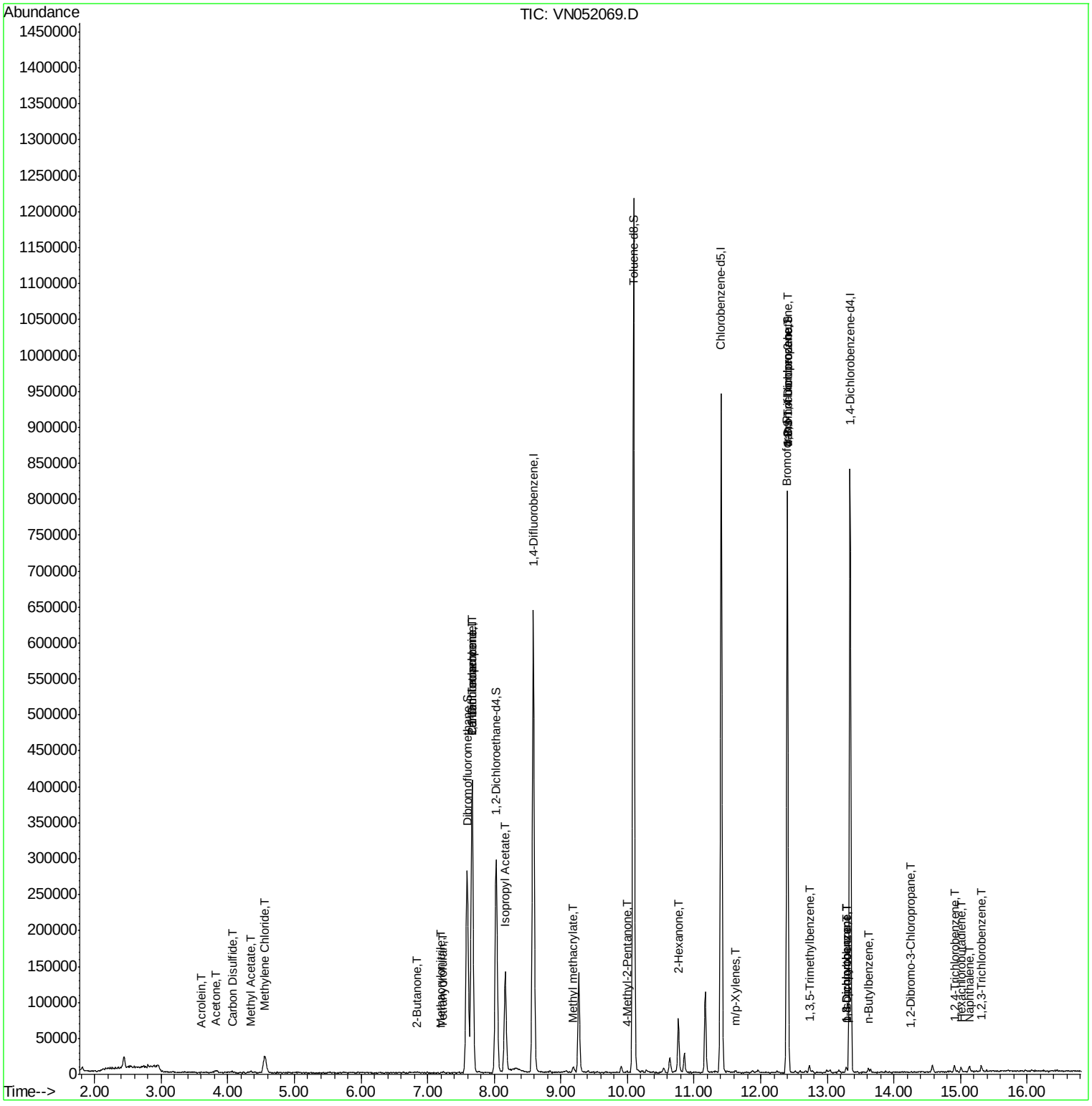
(#) = qualifier out of range (m) = manual integration (+) = signals summed

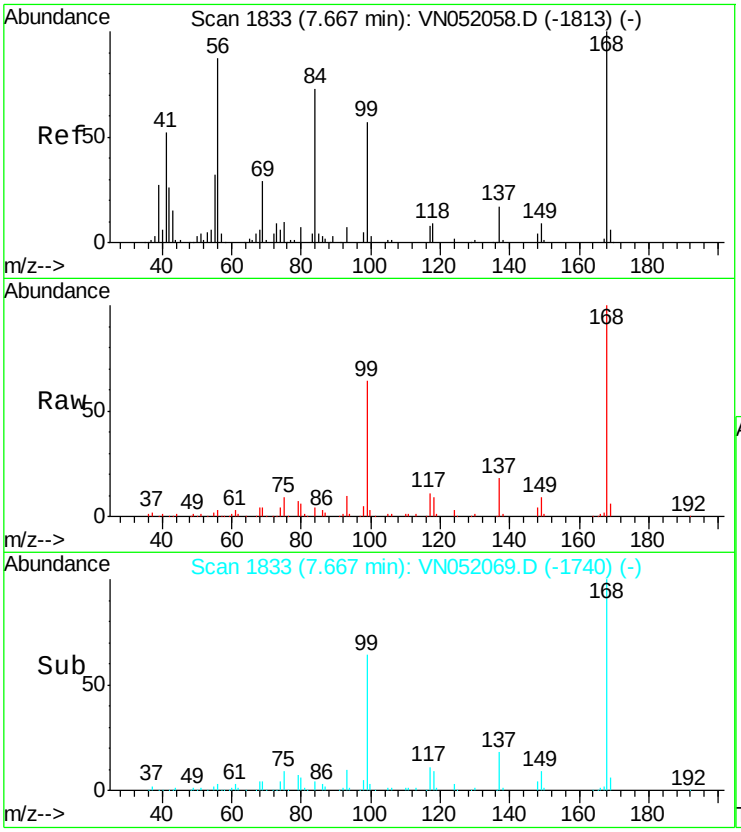
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
Data File : VN052069.D
Acq On : 31 Oct 2018 13:11
Operator : MD\SY
Sample : PB114328TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Quant Time: Oct 31 14:10:00 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



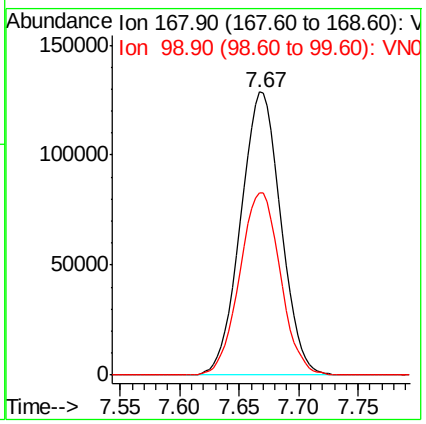


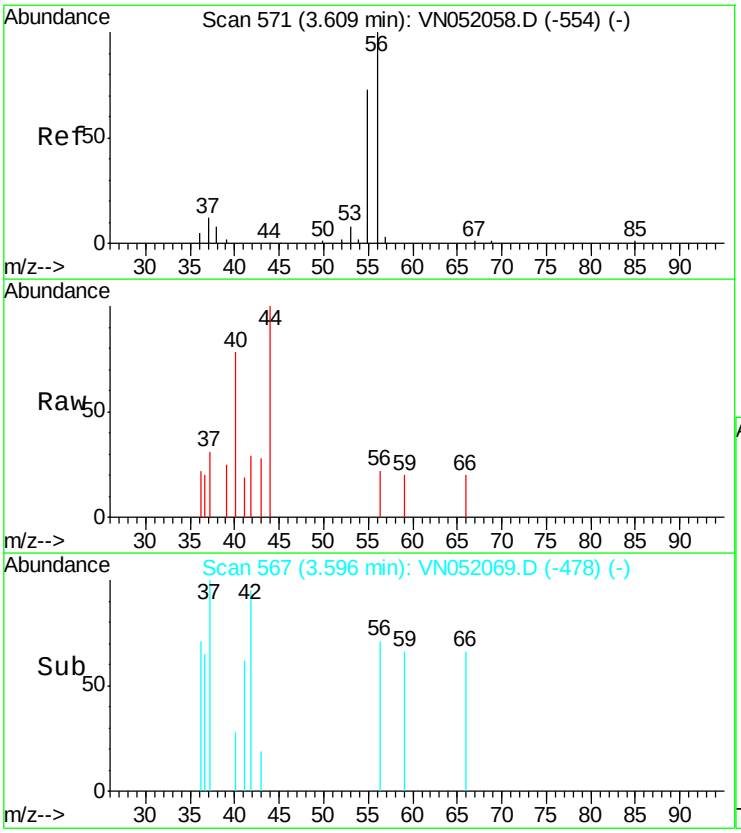
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion:168 Resp: 301280

Ion	Ratio	Lower	Upper
168	100		
99	64.4	56.6	85.0

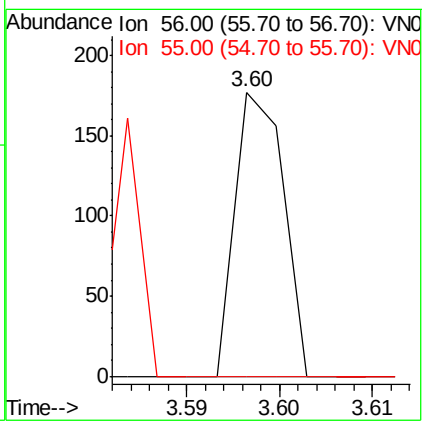


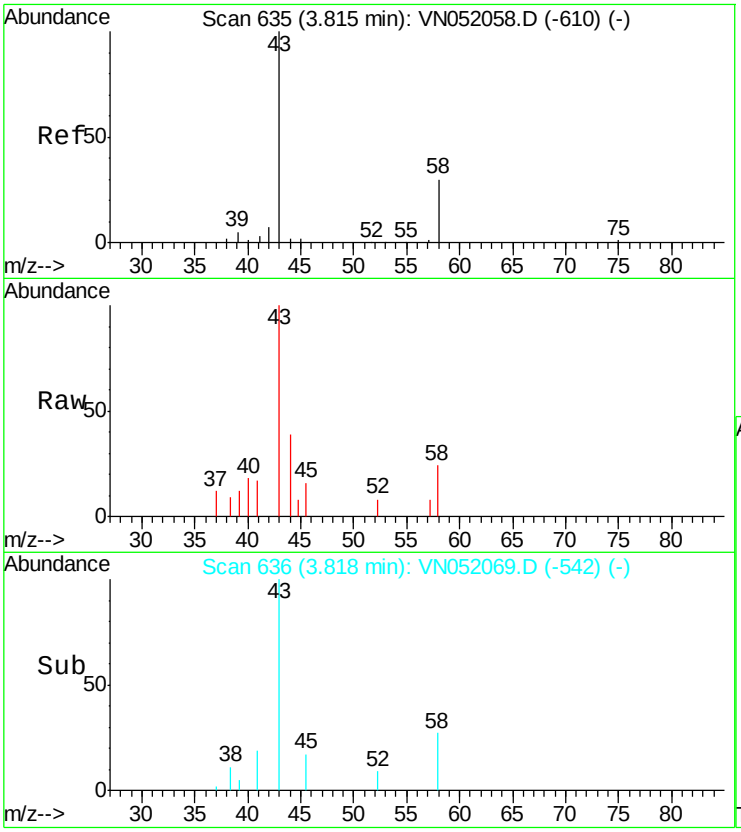


#13
Acrolein
Concen: 24.28 ug/l
RT: 3.60 min Scan# 567
Delta R.T. -0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 56 Resp: 64

Ion	Ratio	Lower	Upper
56	100		
55	48.4	59.9	89.9#



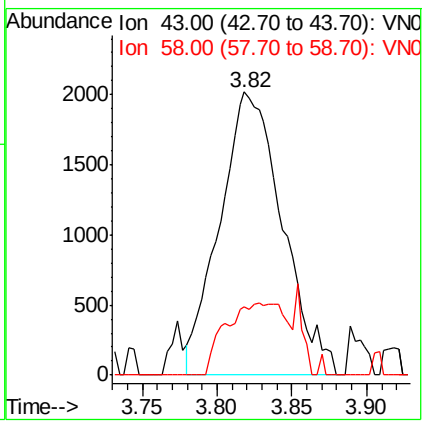


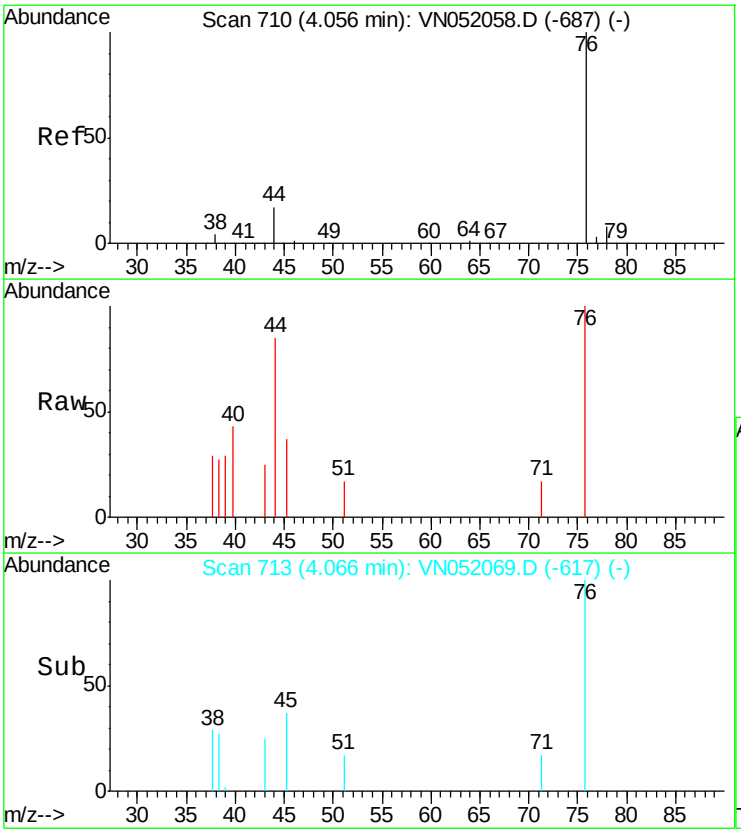
#16
Acetone
Concen: 5.70 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion: 43 Resp: 5878

Ion	Ratio	Lower	Upper
43	100		
58	24.3	24.2	36.2

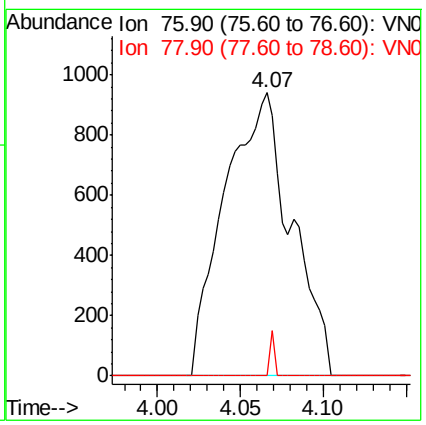


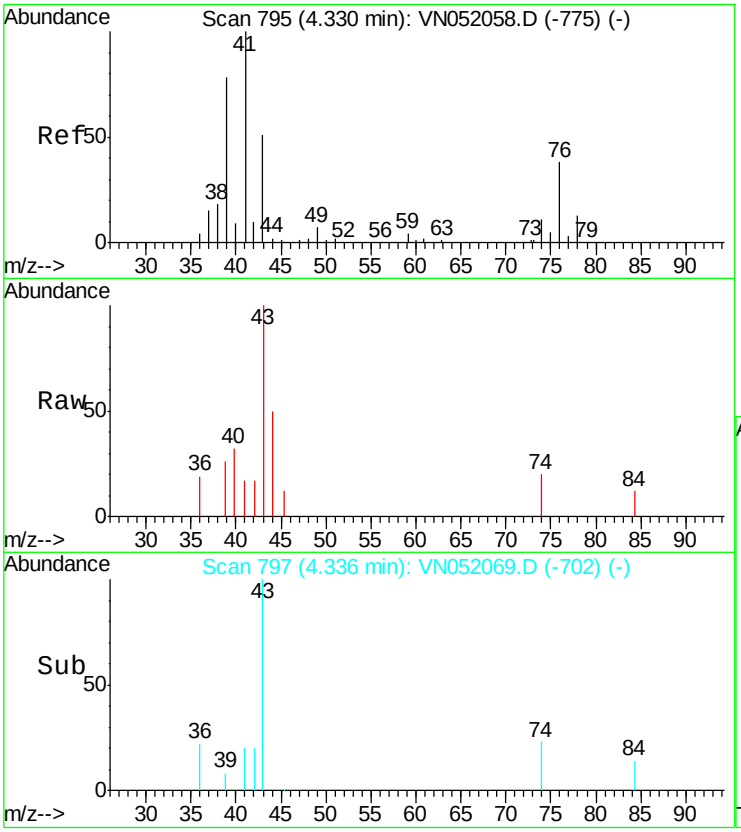


#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 4.07 min Scan# 713
Delta R.T. 0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 76 Resp: 2632

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.8	10.2#



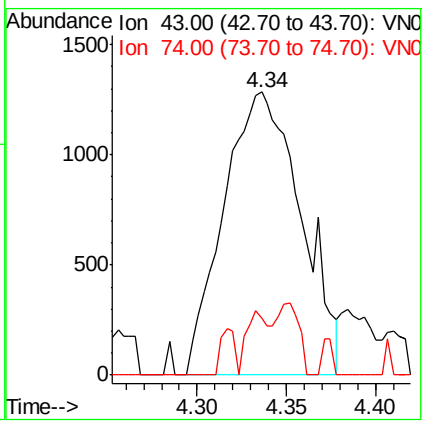


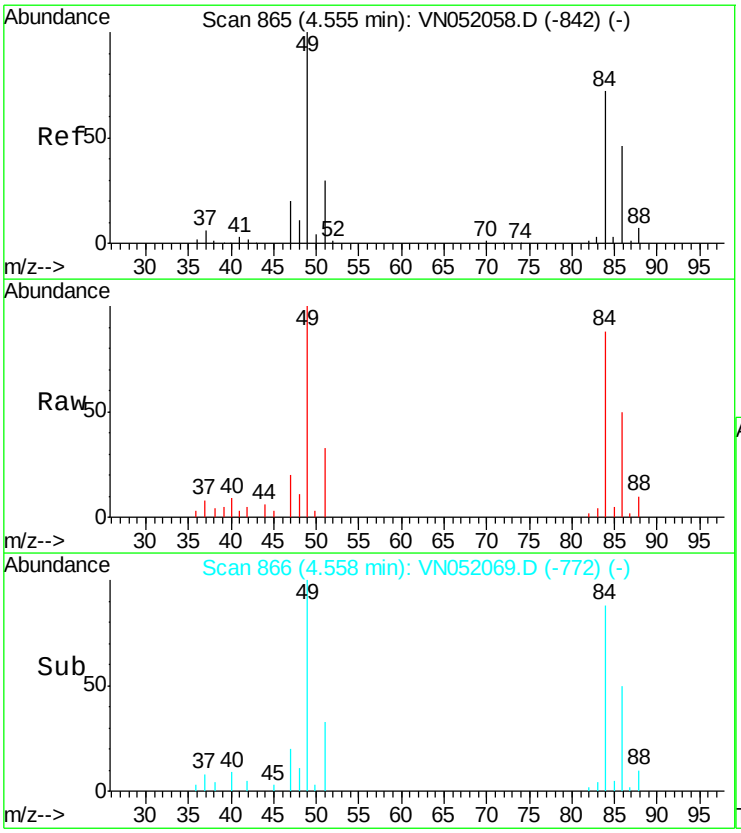
#18
Methyl Acetate
Concen: 1.18 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument : MSVOA_N
ClientSampleId : PB114328TB

Tgt Ion: 43 Resp: 3876

Ion	Ratio	Lower	Upper
43	100		
74	5.9	17.9	26.9#

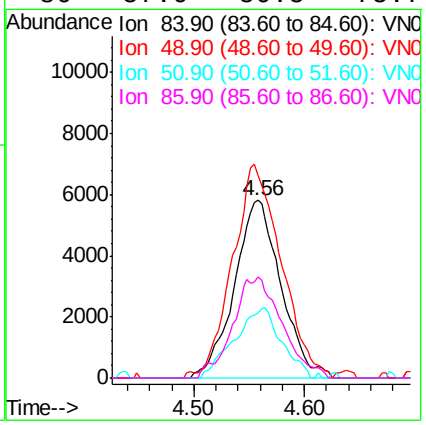


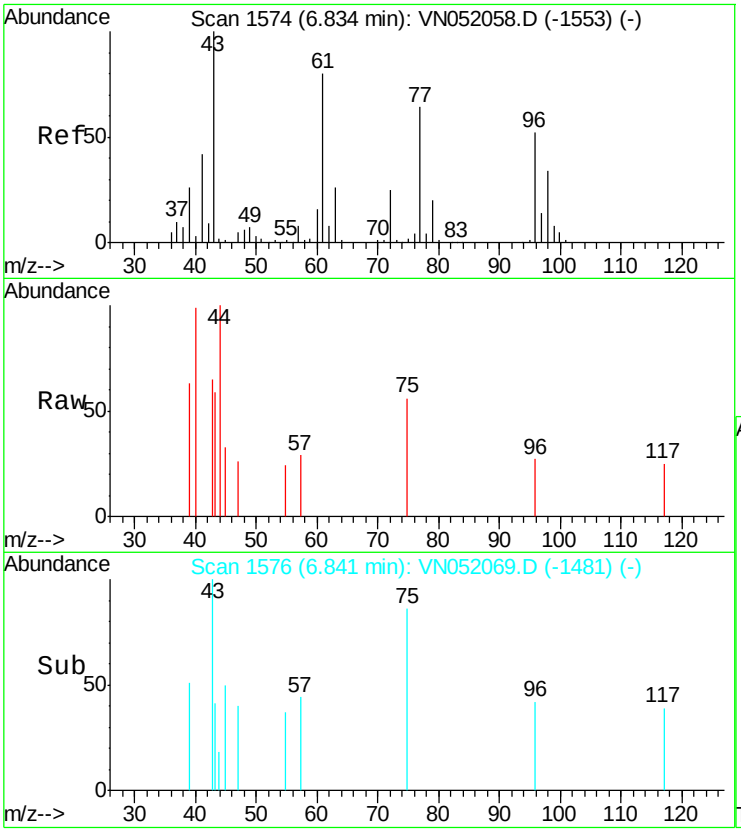


#20
Methylene Chloride
Concen: 4.32 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 84 Resp: 16974

Ion	Ratio	Lower	Upper
84	100		
49	111.1	110.6	165.8
51	37.0	33.7	50.5
86	57.0	50.5	75.7



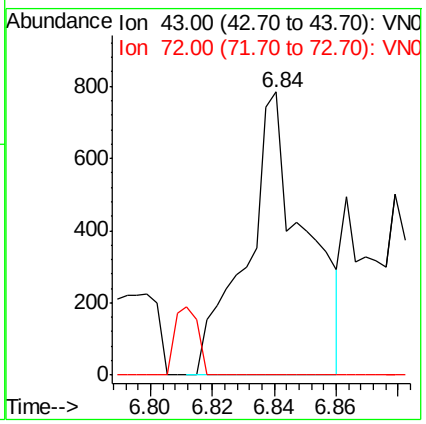


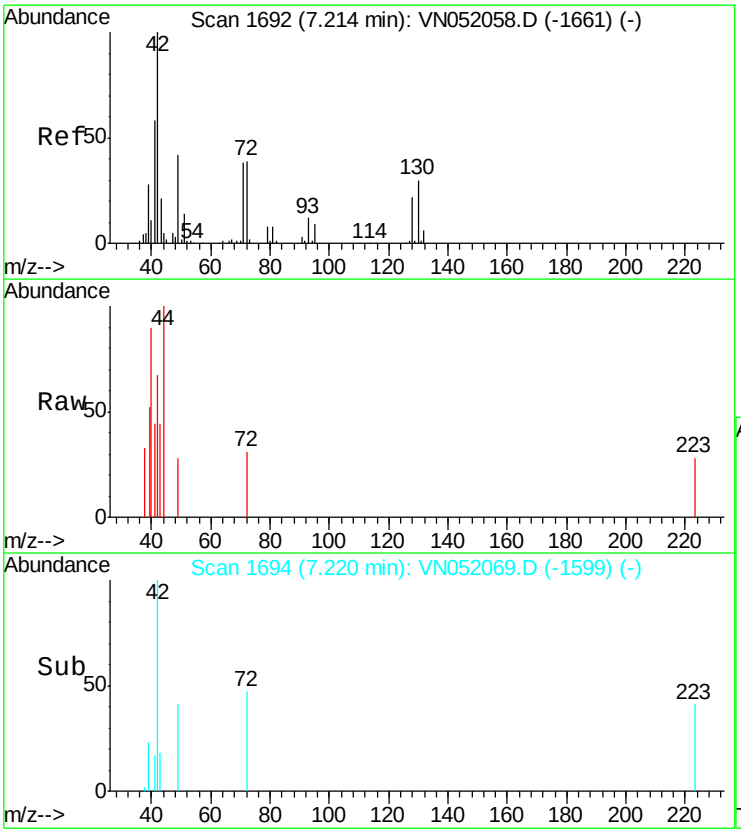
#25
2-Butanone
Concen: 0.63 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument : MSVOA_N
ClientSampleId : PB114328TB

Tgt Ion: 43 Resp: 1015

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.2#

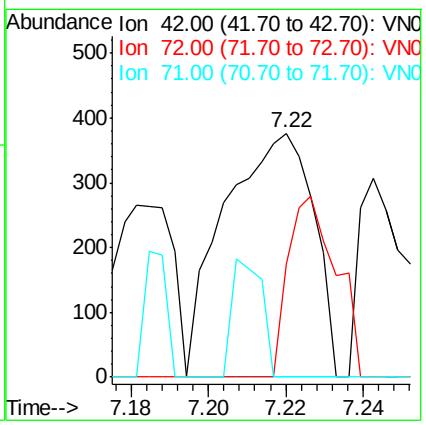


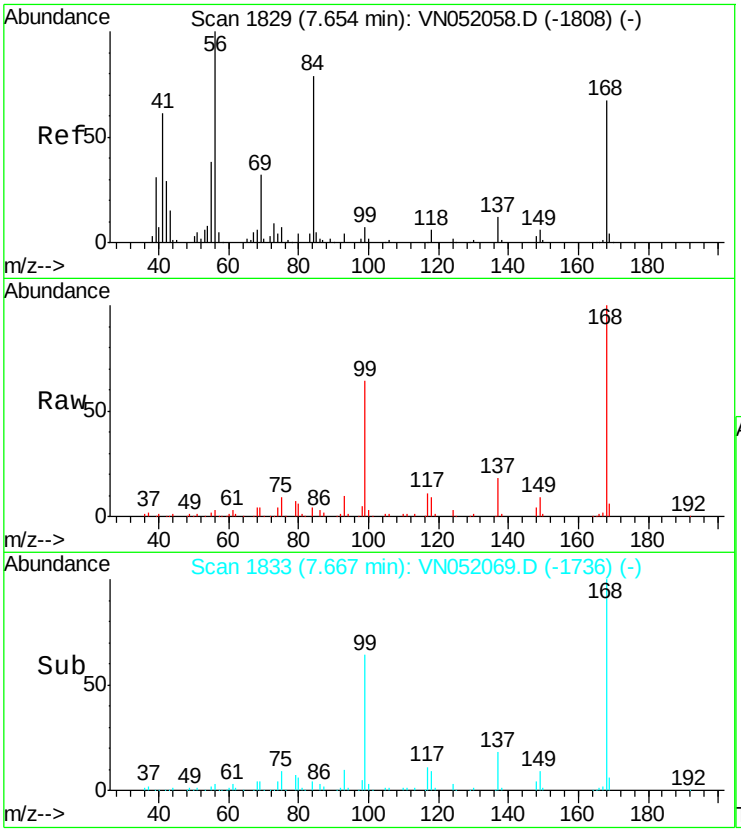


#29
Tetrahydrofuran
Concen: 0.56 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 42 Resp: 603

Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.5	48.7
71	15.9	30.6	46.0#



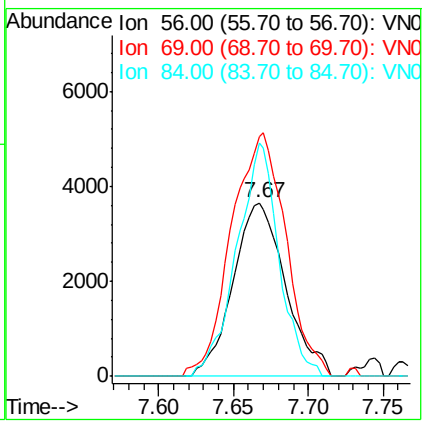


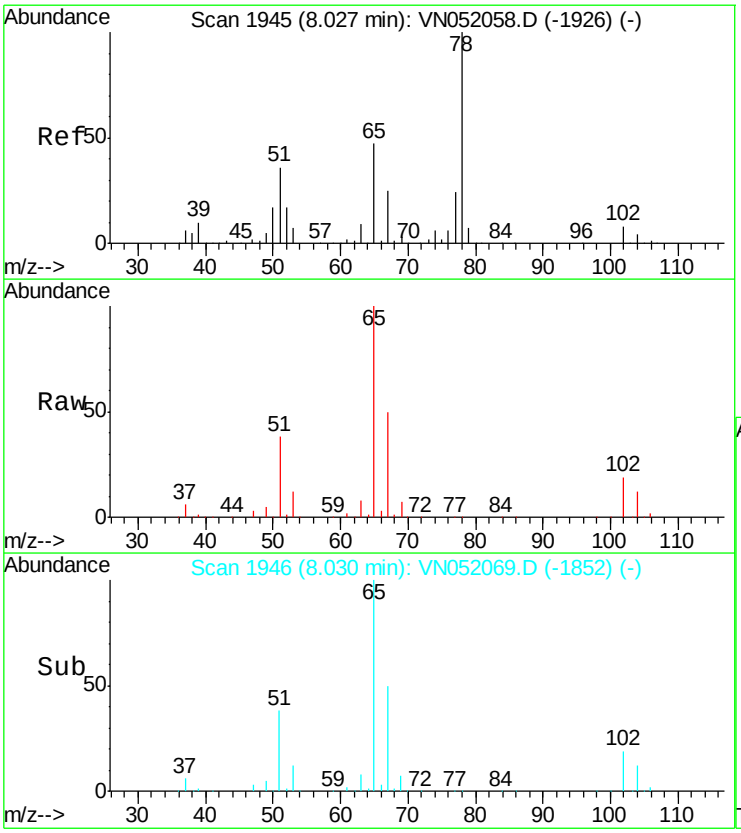
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion: 56 Resp: 8931

Ion	Ratio	Lower	Upper
56	100		
69	138.3	25.8	38.6#
84	134.7	63.5	95.3#

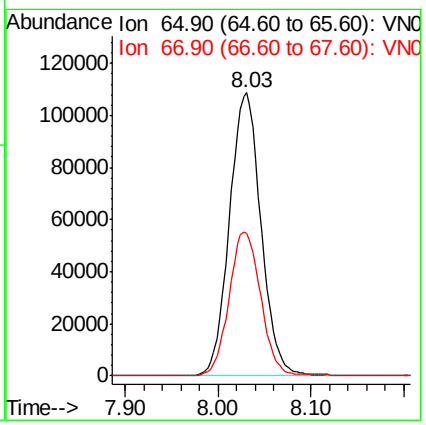


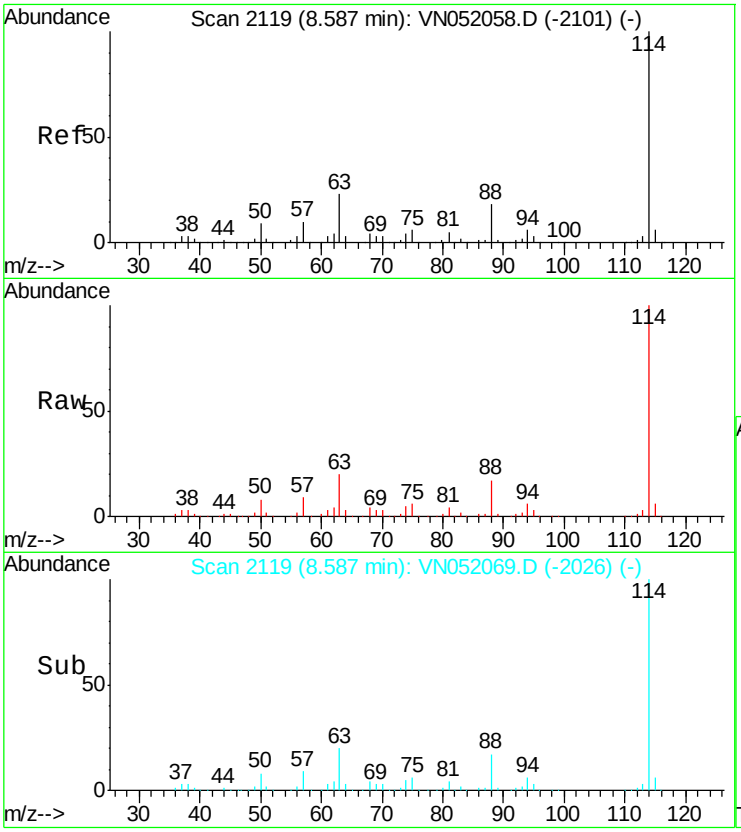


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 65 Resp: 256932

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	105.2



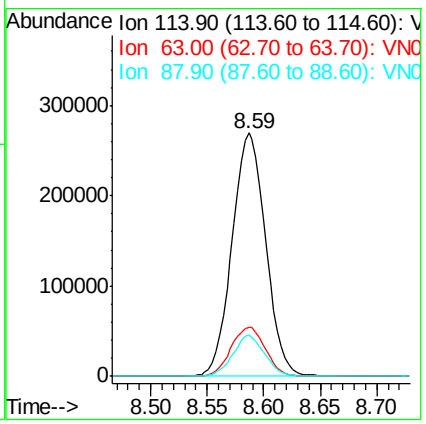


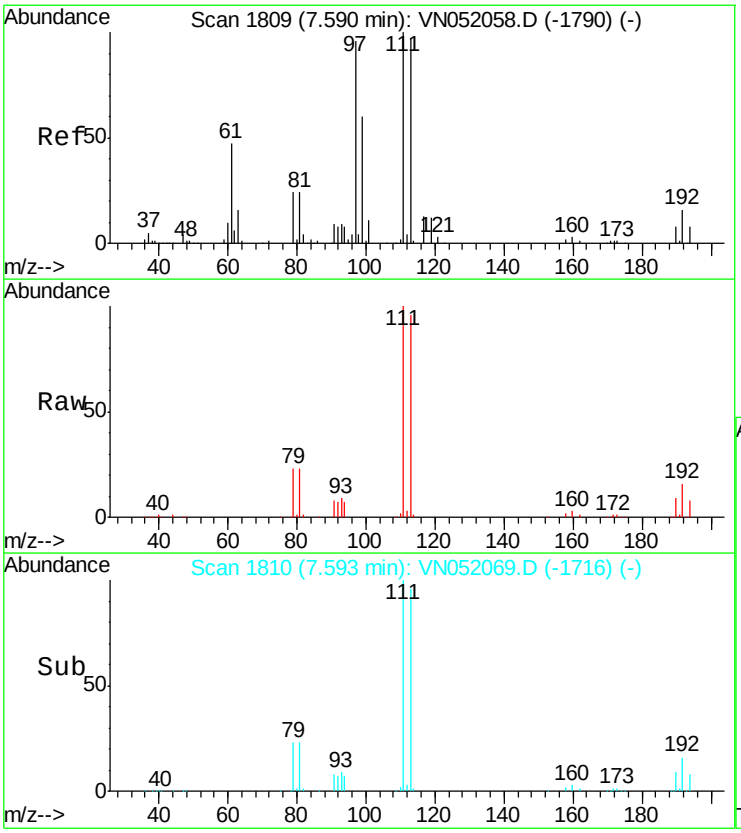
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion:114 Resp: 558398

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	46.0
88	16.8	0.0	35.4

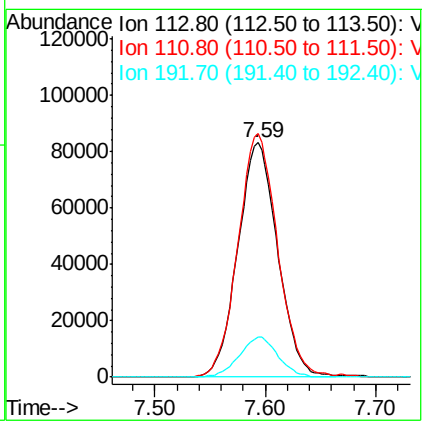


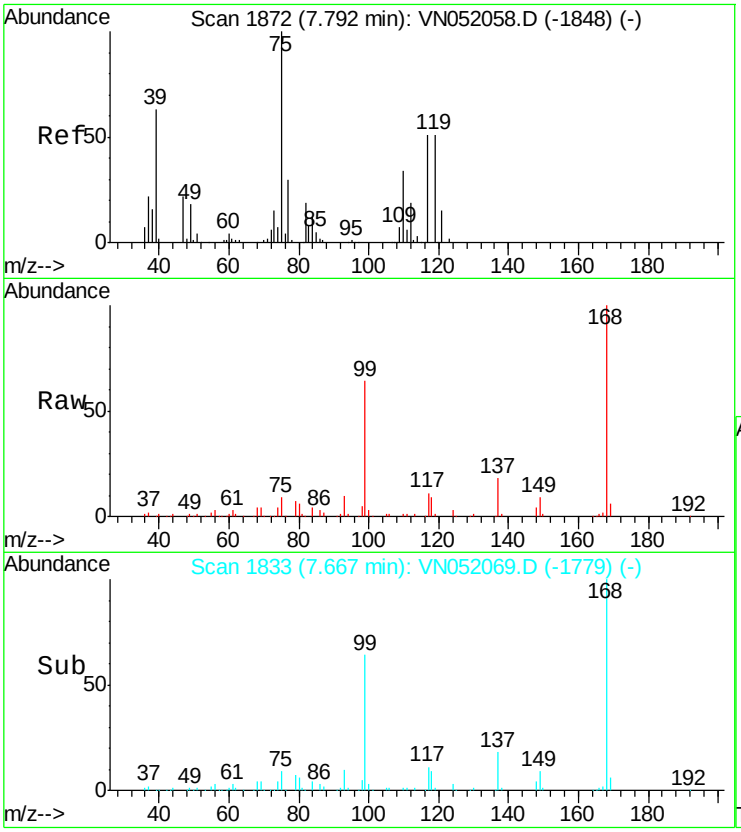


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion:113 Resp: 208116

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	16.6	12.7	19.1



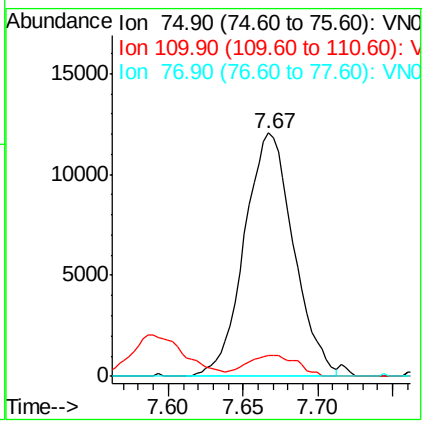


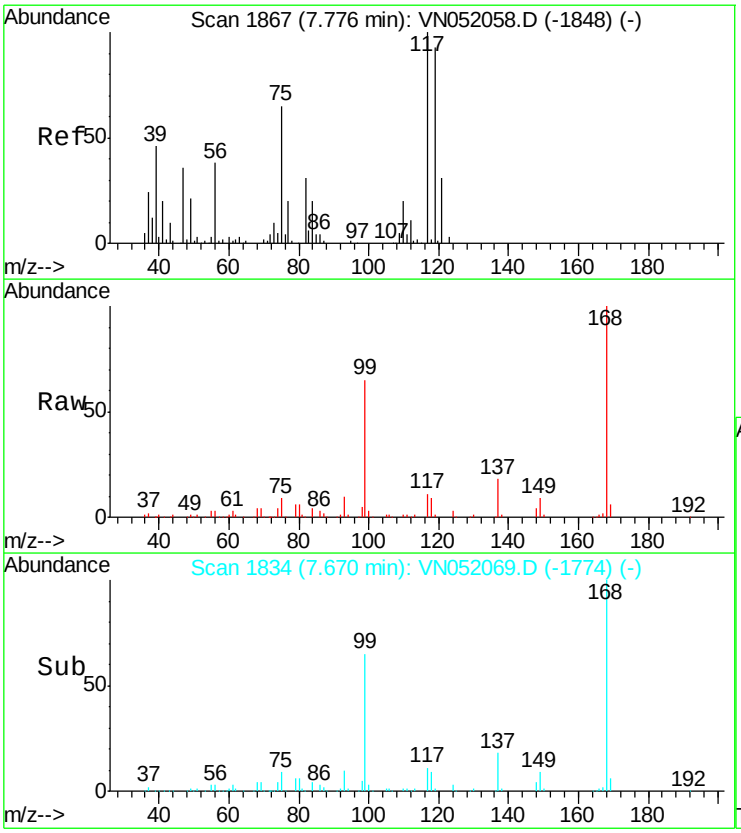
#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument : MSVOA_N
ClientSampleId : PB114328TB

Tgt Ion: 75 Resp: 27683

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.0	48.0#
77	0.0	24.5	36.7#

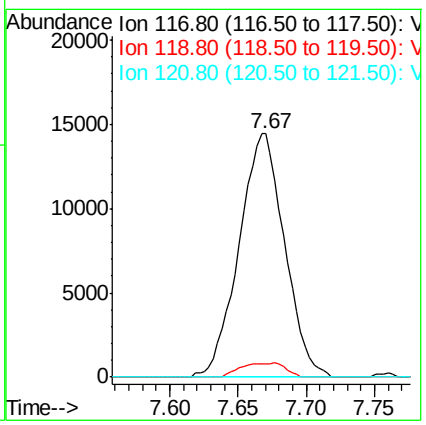


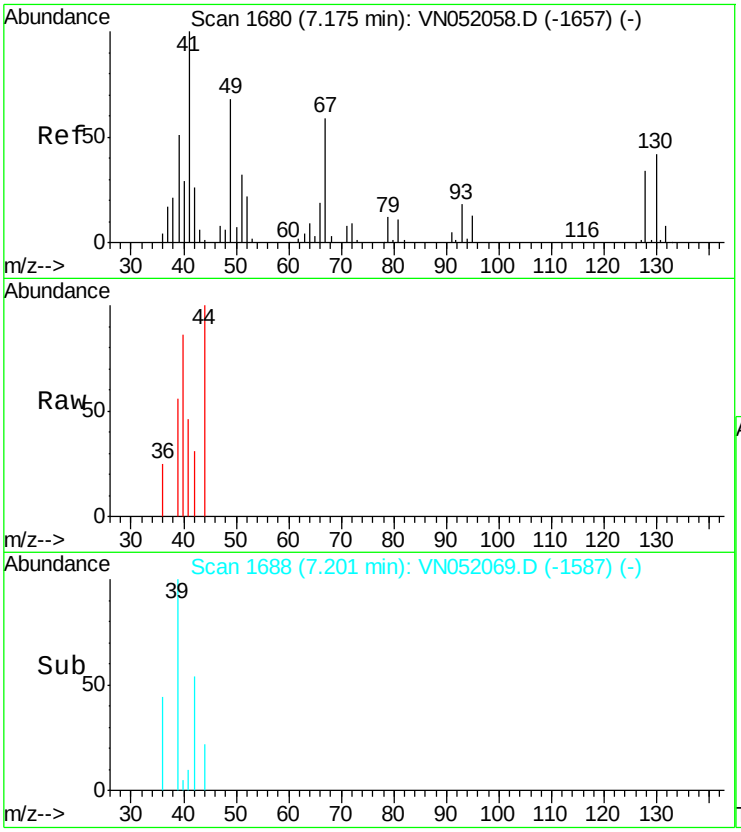


#38
Carbon Tetrachloride
Concen: 6.83 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.11 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion:117 Resp: 33447

Ion	Ratio	Lower	Upper
117	100		
119	5.4	74.8	112.2#
121	0.0	25.1	37.7#



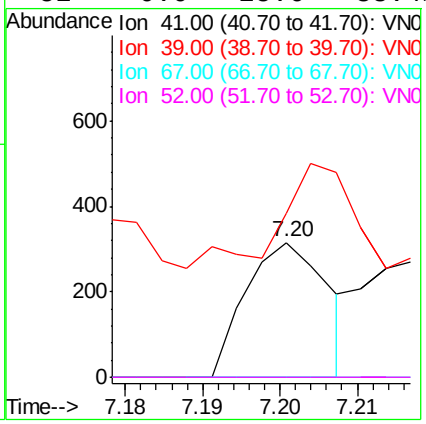


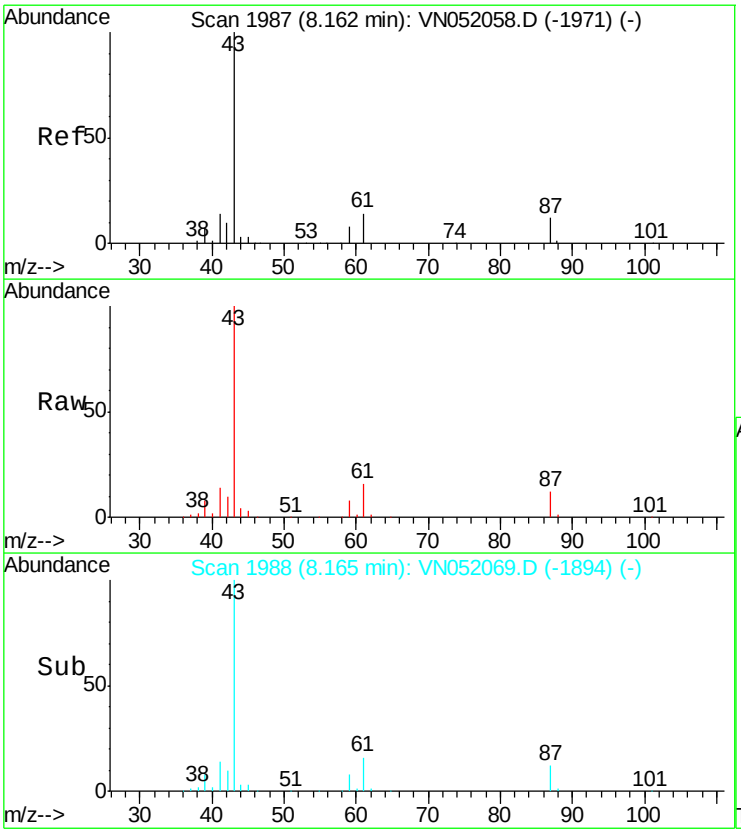
#41
Methacrylonitrile
Concen: 0.26 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.03 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument : MSVOA_N
ClientSampleId : PB114328TB

Tgt Ion: 41 Resp: 233

Ion	Ratio	Lower	Upper
41	100		
39	83.7	33.2	49.8#
67	0.0	63.5	95.3#
52	0.0	25.6	38.4#

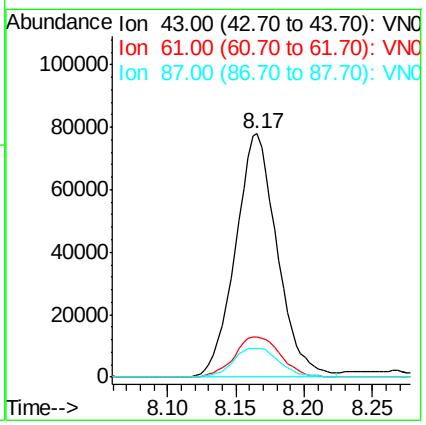


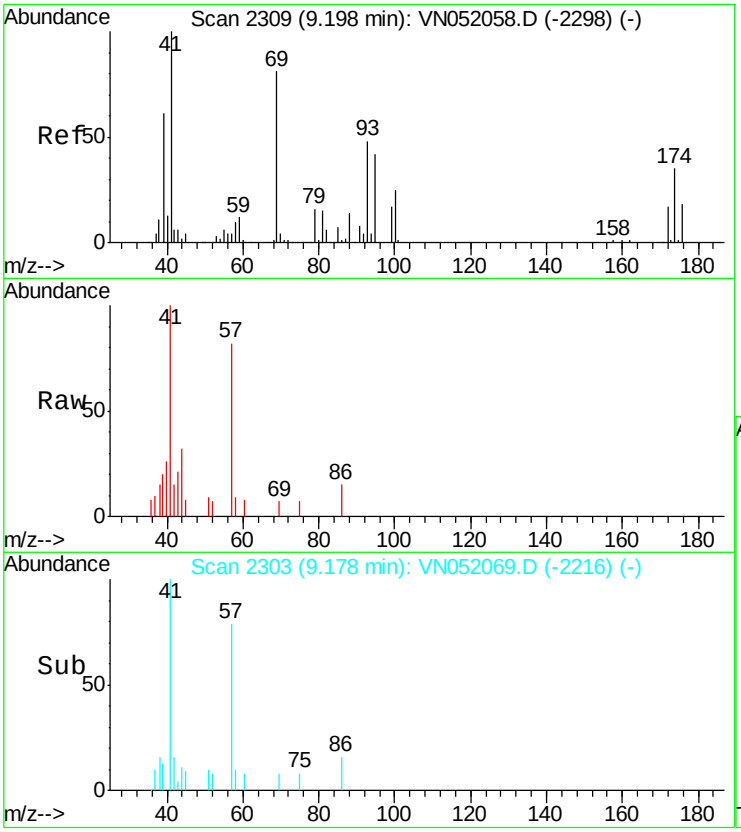


#43
Isopropyl Acetate
Concen: 24.48 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 43 Resp: 165497

Ion	Ratio	Lower	Upper
43	100		
61	18.2	15.4	23.0
87	13.3	9.8	14.8



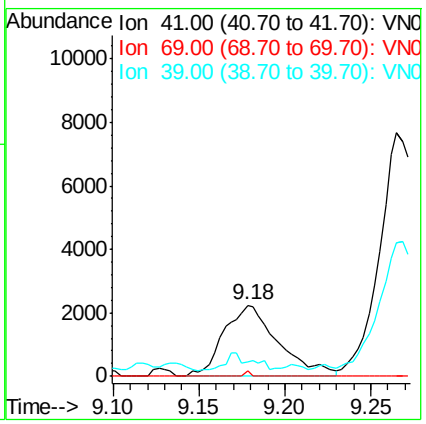


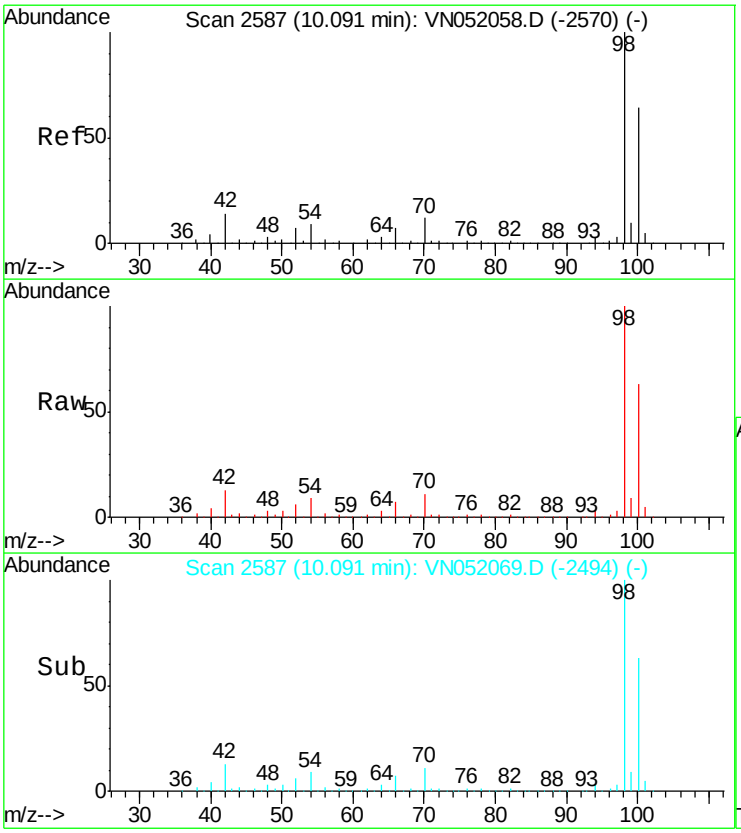
#48
Methyl methacrylate
Concen: 1.45 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion: 41 Resp: 4971

Ion	Ratio	Lower	Upper
41	100		
69	0.6	67.1	100.7#
39	7.5	50.5	75.7#

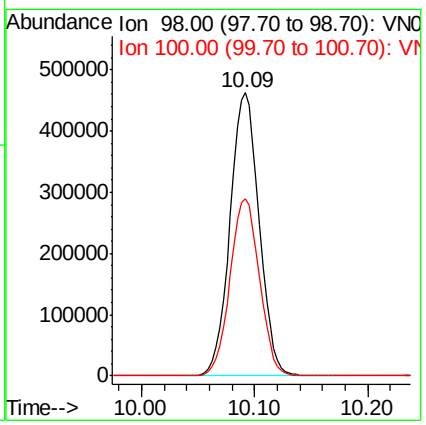


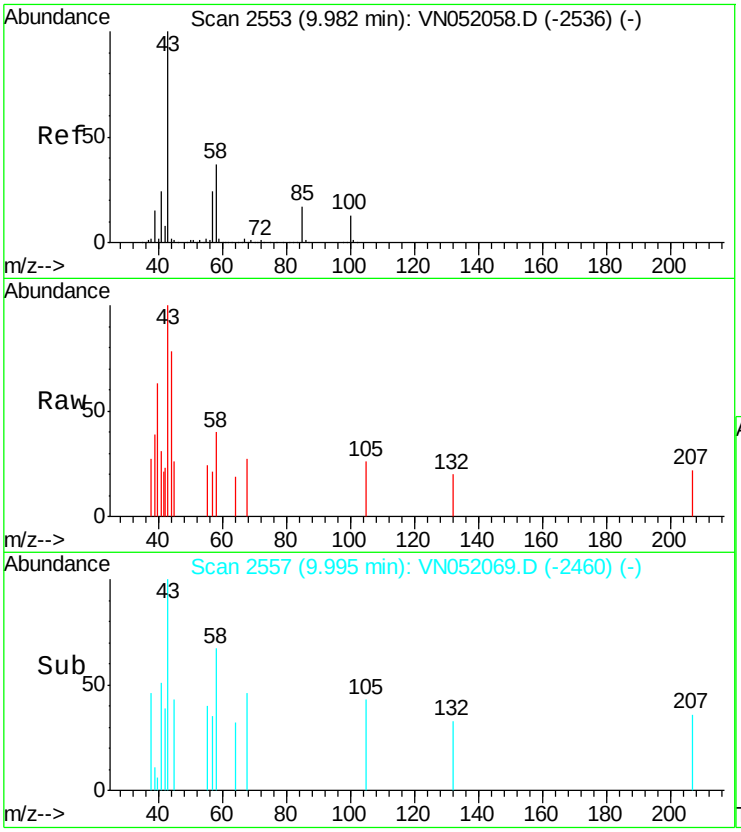


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 98 Resp: 828163

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.2



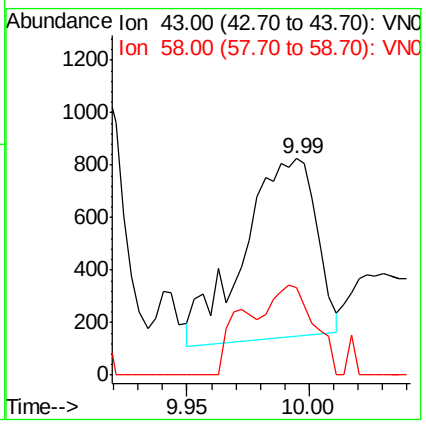


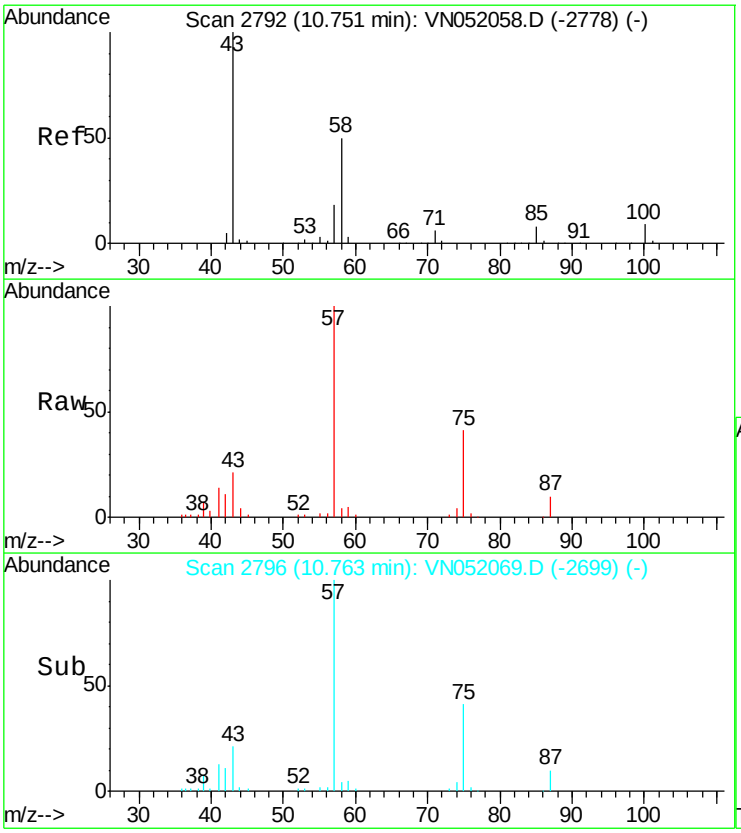
#51
4-Methyl-2-Pentanone
Concen: 0.38 ug/l
RT: 9.99 min Scan# 2557
Delta R.T. 0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion: 43 Resp: 1406

Ion	Ratio	Lower	Upper
43	100		
58	31.4	29.7	44.5

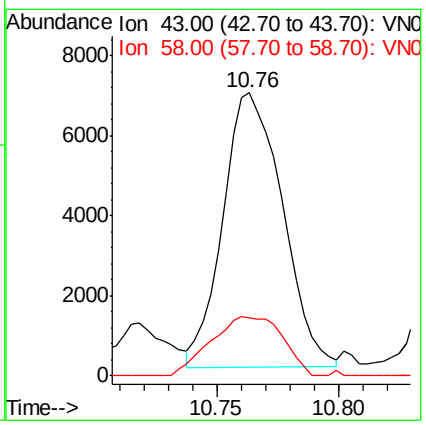


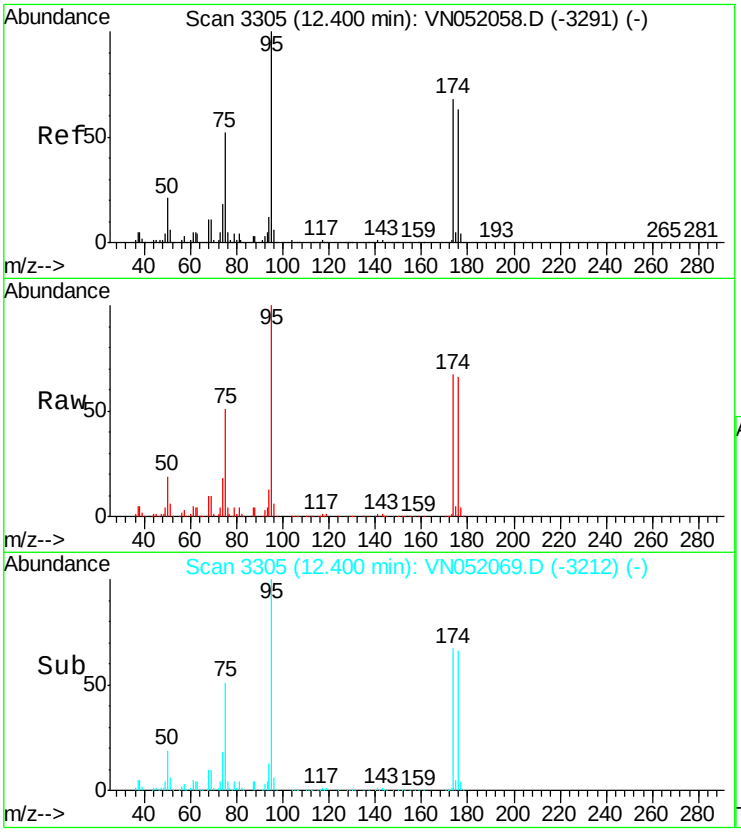


#59
2-Hexanone
Concen: 4.44 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 43 Resp: 11628

Ion	Ratio	Lower	Upper
43	100		
58	26.0	25.2	75.6



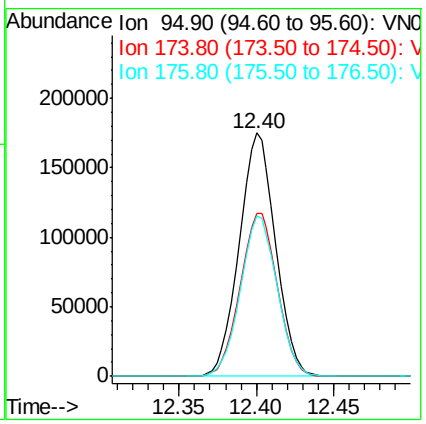


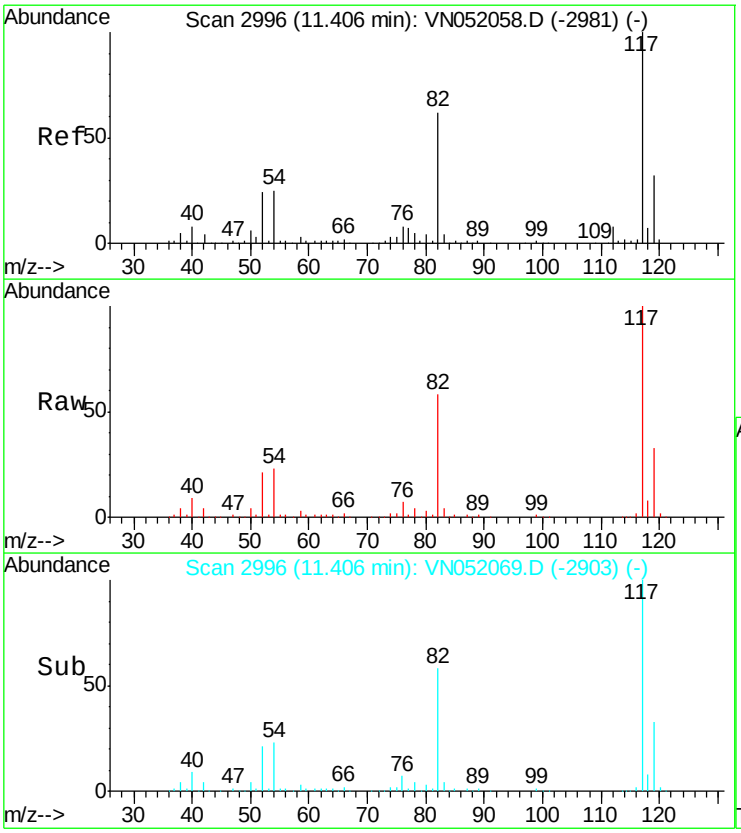
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument : MSVOA_N
ClientSampleId : PB114328TB

Tgt Ion: 95 Resp: 285741

Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	131.8
176	66.5	0.0	126.0

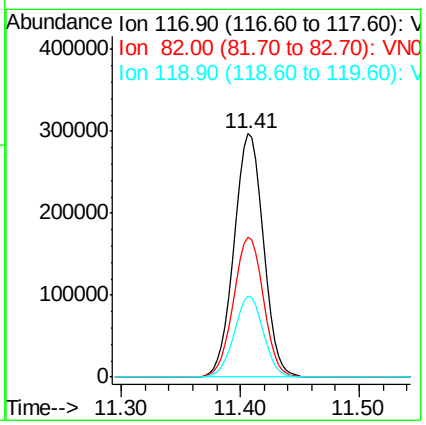


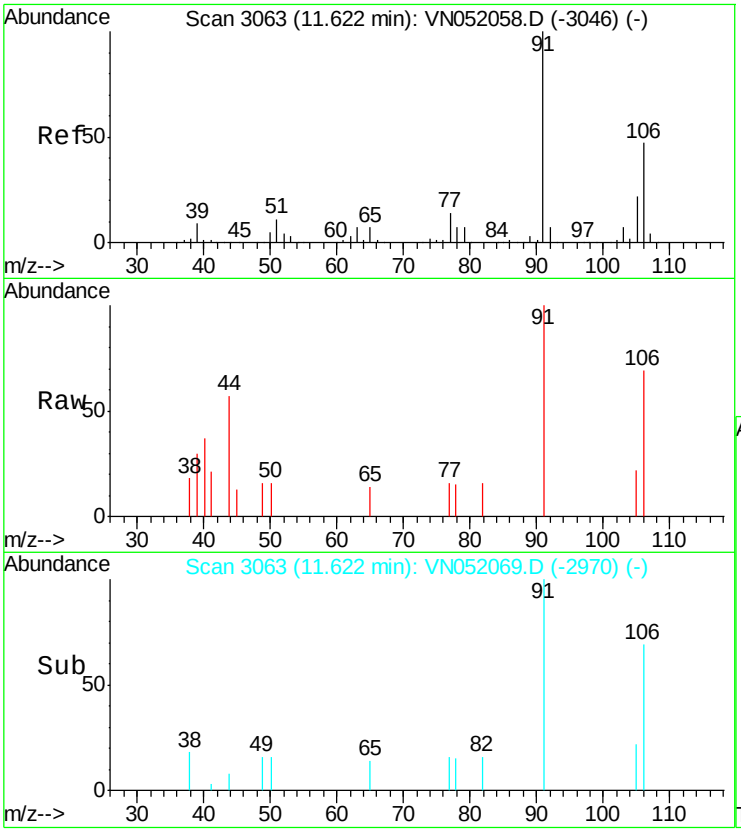


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion:117 Resp: 510026

Ion	Ratio	Lower	Upper
117	100		
82	57.6	49.9	74.9
119	33.2	25.7	38.5



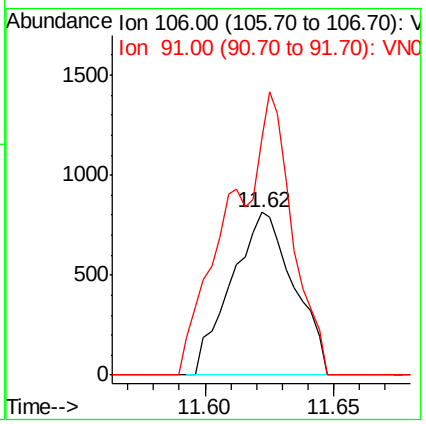


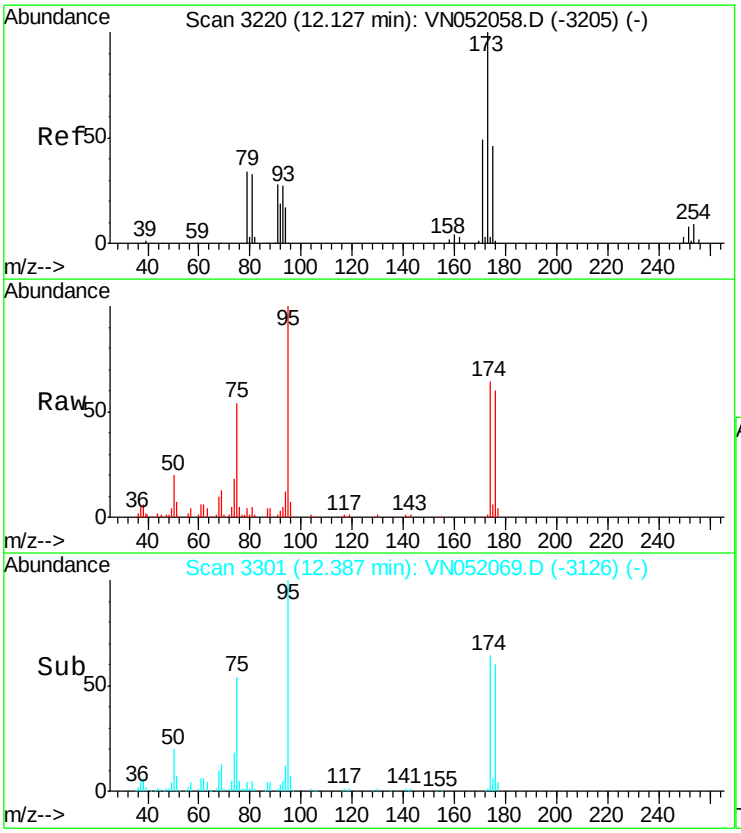
#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument : MSVOA_N
ClientSampleId : PB114328TB

Tgt Ion:106 Resp: 1381

Ion	Ratio	Lower	Upper
106	100		
91	171.6	168.7	253.1

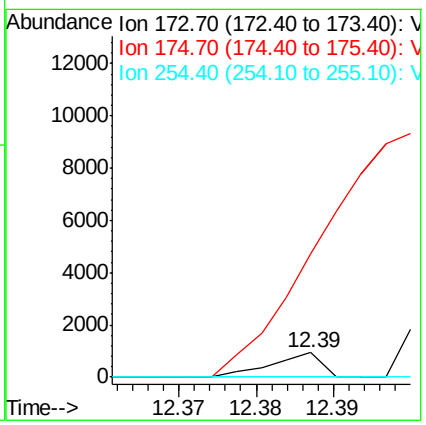


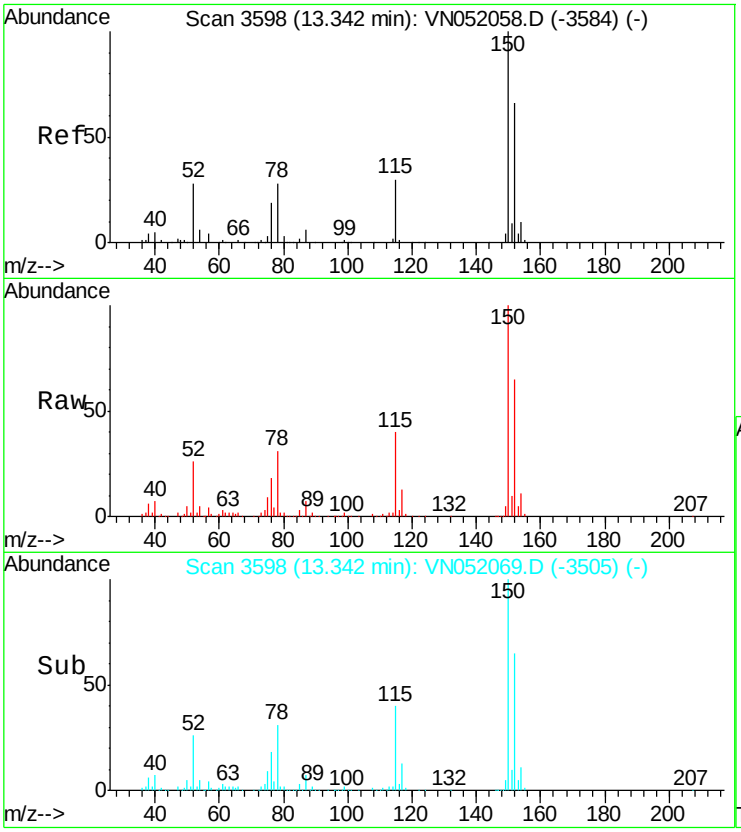


#71
Bromoform
Concen: 2.36 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion:173 Resp: 420

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



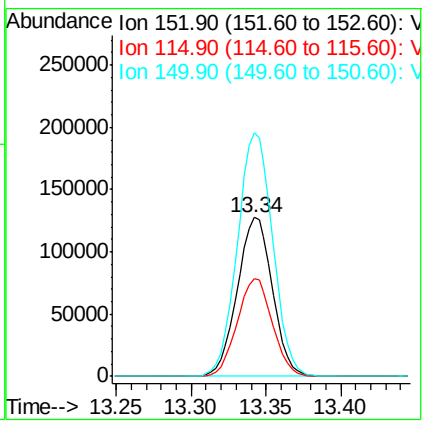


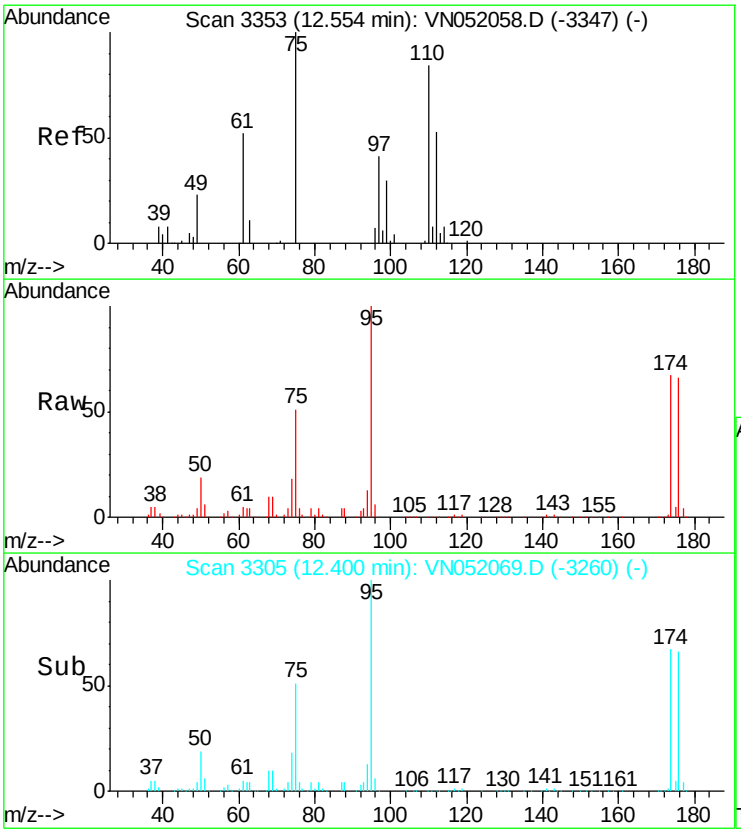
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument : MSVOA_N
ClientSampleId : PB114328TB

Tgt Ion:152 Resp: 208052

Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.6	95.0
150	154.3	0.0	345.0

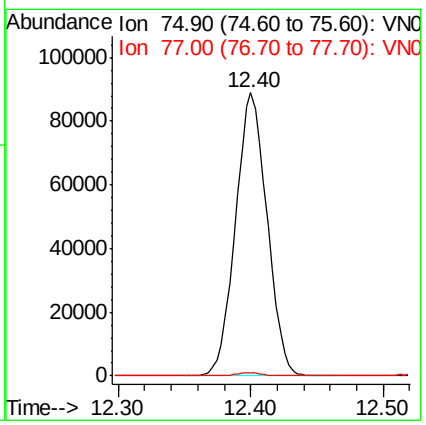


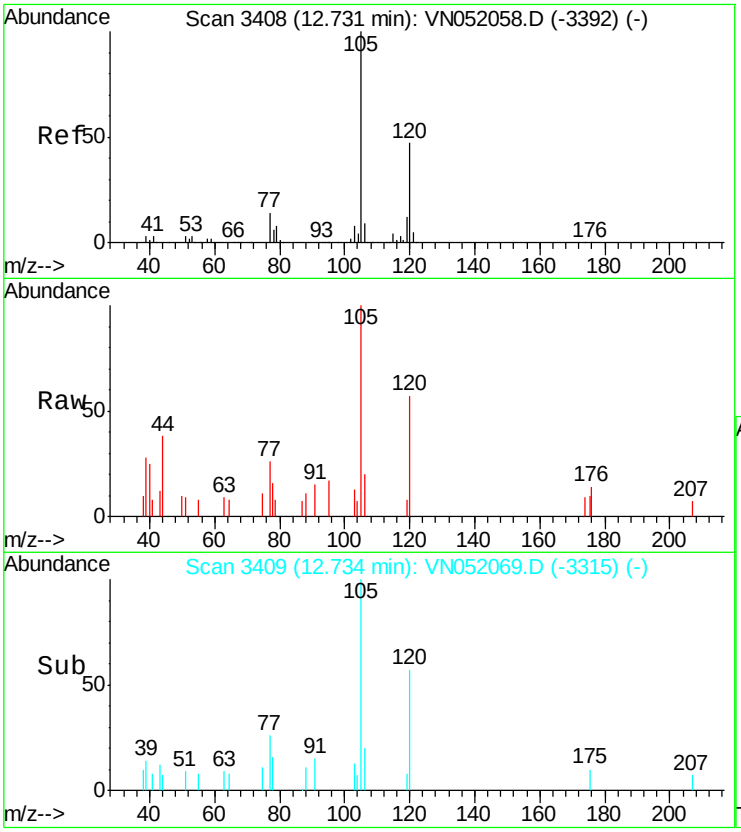


#76
1,2,3-Trichloropropane
Concen: 38.51 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 75 Resp: 146668

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



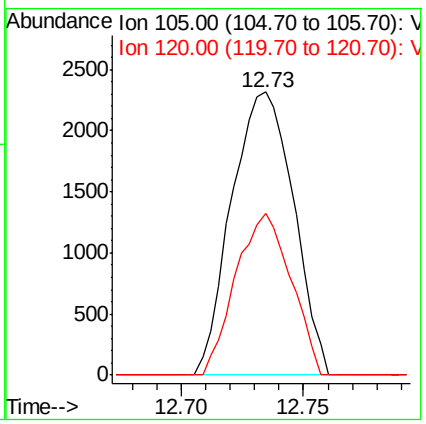


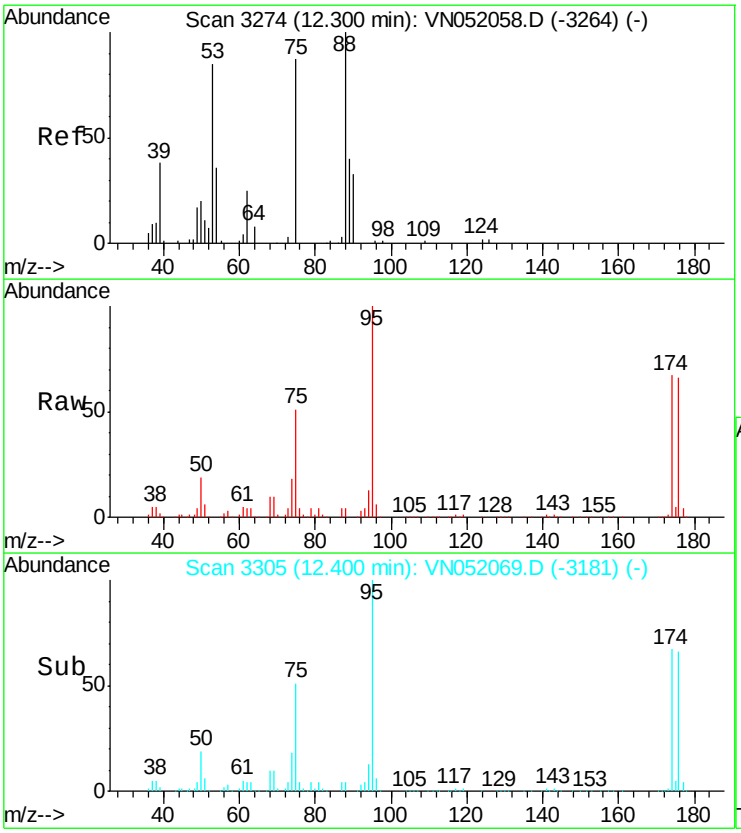
#80
1,3,5-Trimethylbenzene
Concen: 0.28 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion:105 Resp: 4085

Ion	Ratio	Lower	Upper
105	100		
120	50.9	23.4	70.0

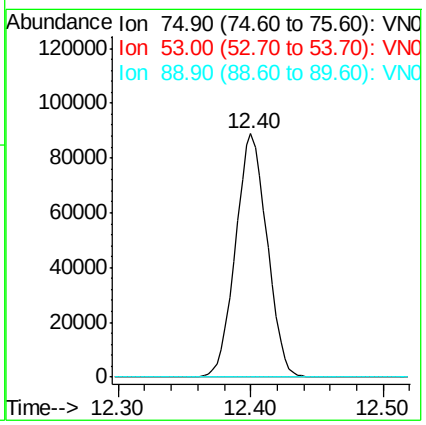


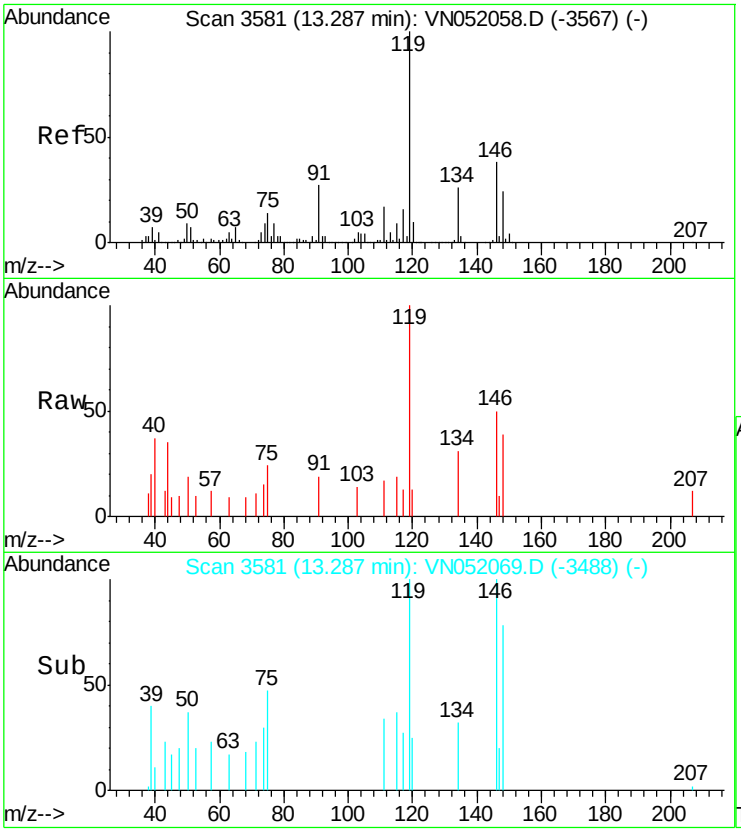


#81
trans-1,4-Dichloro-2-butene
Concen: 127.82 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 75 Resp: 146668

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



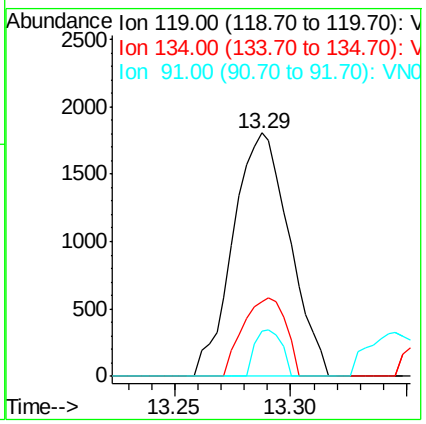


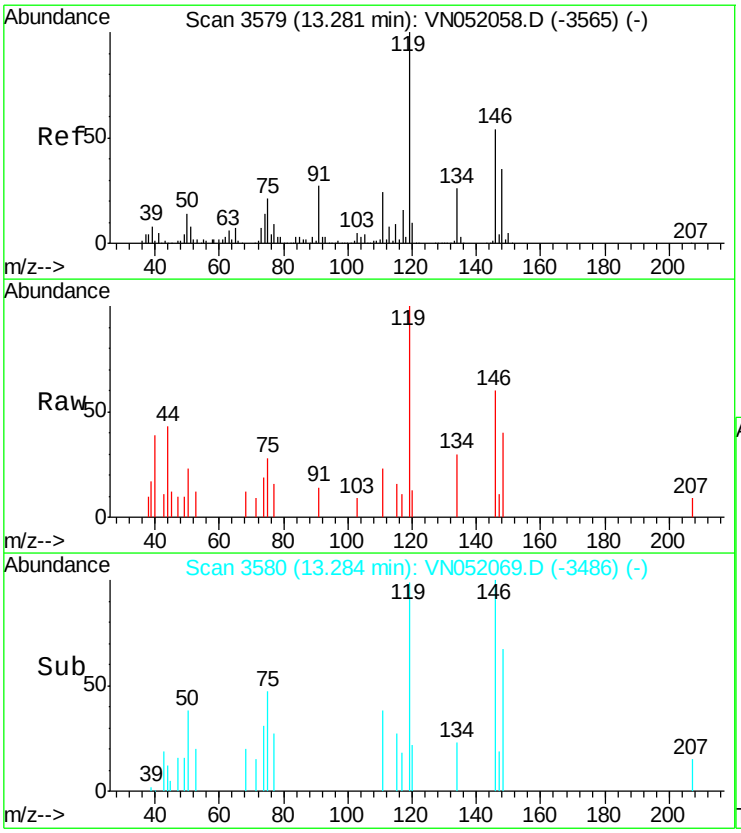
#86
p-Isopropyltoluene
Concen: 0.22 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion:119 Resp: 3054

Ion	Ratio	Lower	Upper
119	100		
134	24.2	12.8	38.3
91	9.2	13.4	40.2#

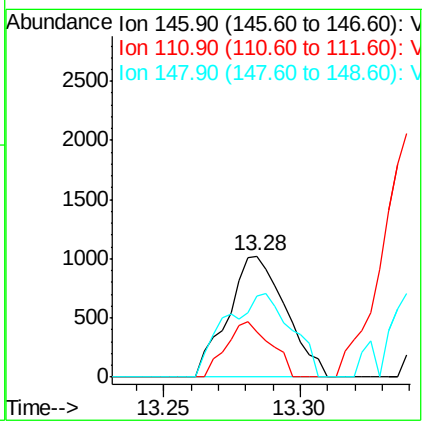


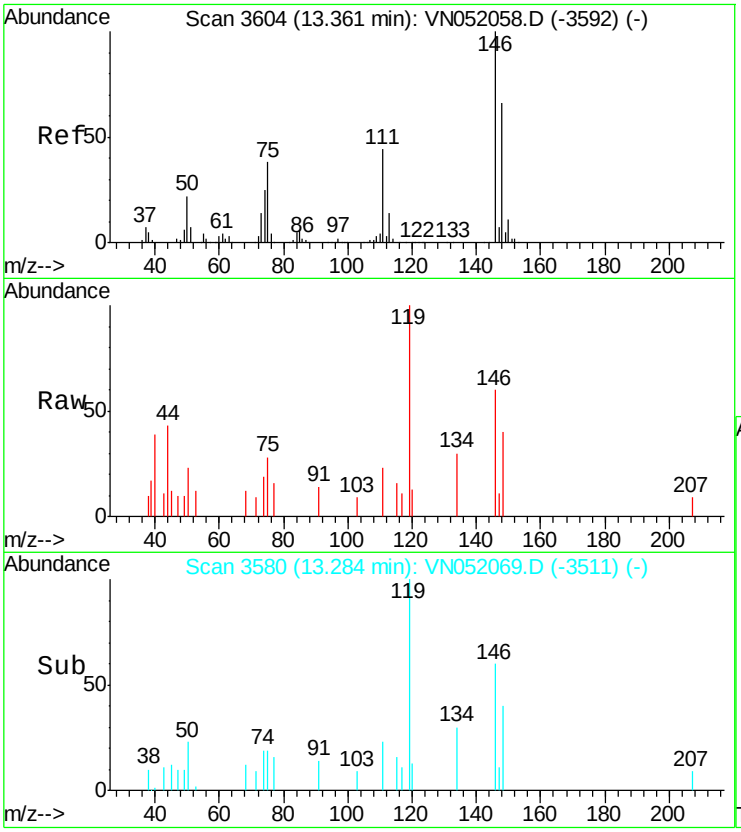


#87
1,3-Dichlorobenzene
Concen: 0.22 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion:146 Resp: 1492

Ion	Ratio	Lower	Upper
146	100		
111	35.5	22.9	68.8
148	79.1	31.8	95.4



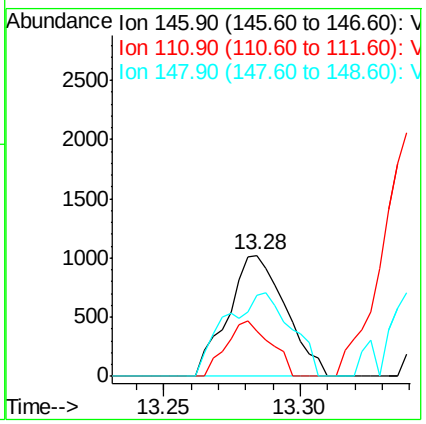


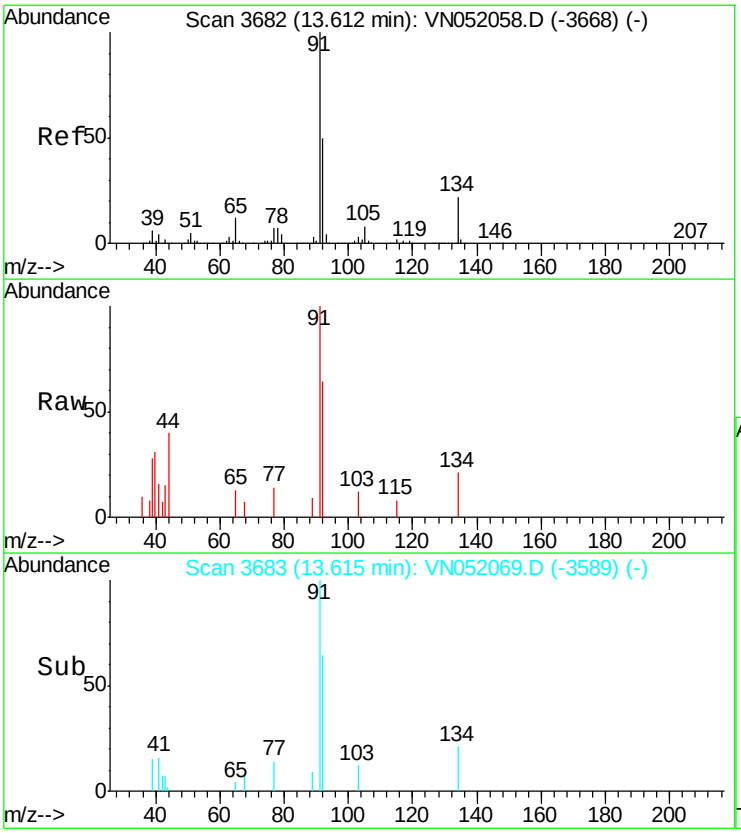
#88
1,4-Dichlorobenzene
Concen: 0.22 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.08 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion:146 Resp: 1492

Ion	Ratio	Lower	Upper
146	100		
111	35.5	21.9	65.8
148	79.1	32.6	98.0

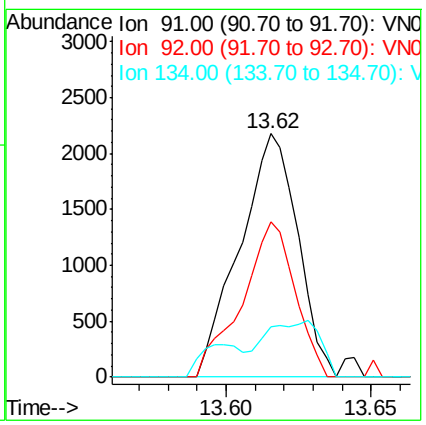


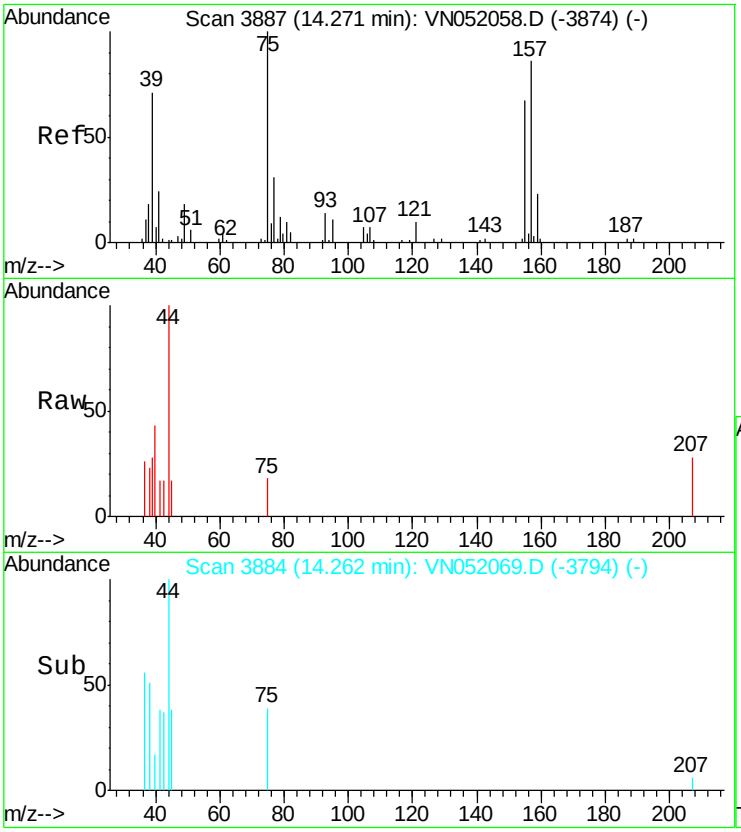


#89
n-Butylbenzene
Concen: 0.22 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion: 91 Resp: 3021

Ion	Ratio	Lower	Upper
91	100		
92	58.5	25.3	75.8
134	22.6	11.2	33.5



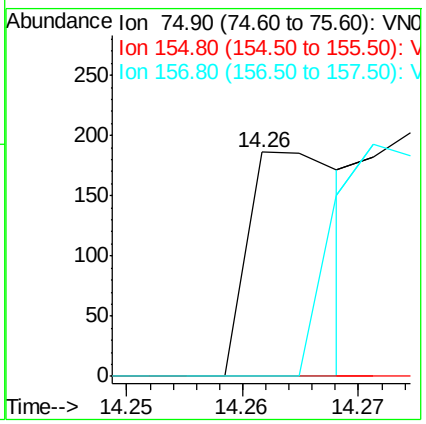


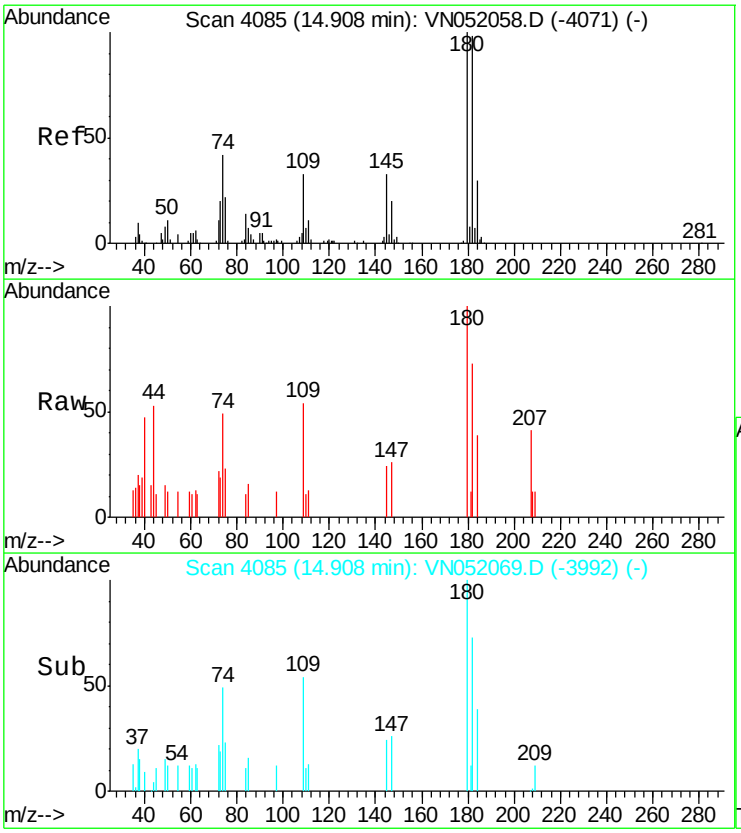
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.09 ug/l
RT: 14.26 min Scan# 3884
Delta R.T. -0.01 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument : MSVOA_N
ClientSampleId : PB114328TB

Tgt Ion: 75 Resp: 105

Ion	Ratio	Lower	Upper
75	100		
155	0.0	34.0	102.0#
157	97.1	42.1	126.4

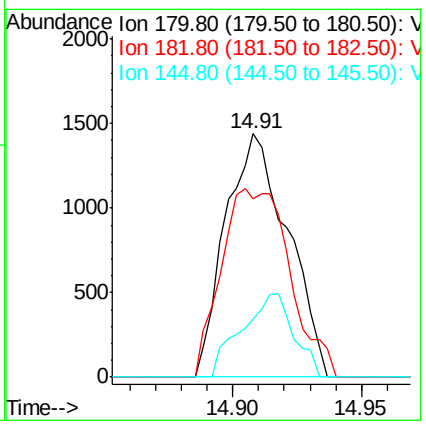


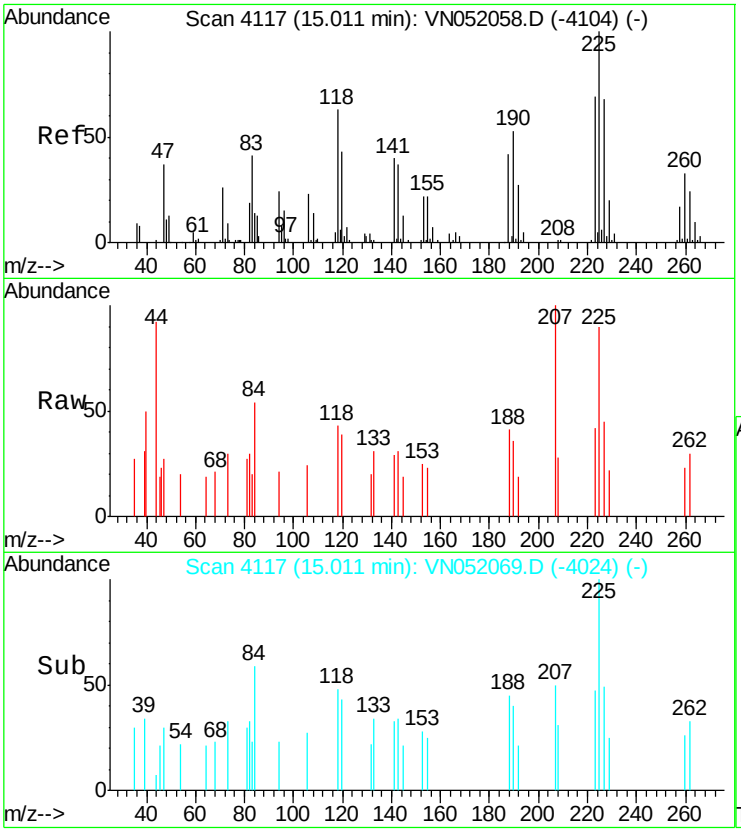


#93
1,2,4-Trichlorobenzene
Concen: 1.02 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion:180 Resp: 2418

Ion	Ratio	Lower	Upper
180	100		
182	85.1	49.1	147.4
145	28.7	16.4	49.2



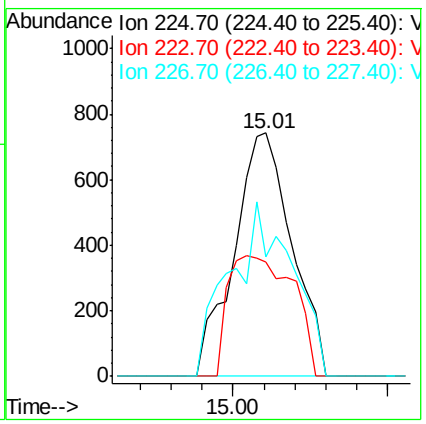


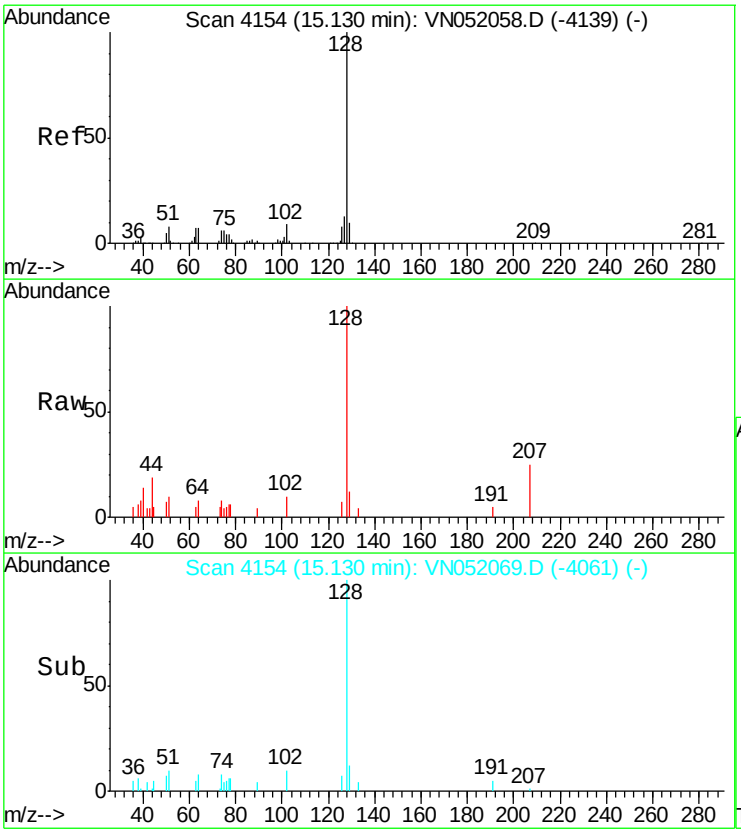
#94
Hexachlorobutadiene
Concen: 0.73 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion:225 Resp: 968

Ion	Ratio	Lower	Upper
225	100		
223	55.5	33.1	99.3
227	77.2	32.6	97.8

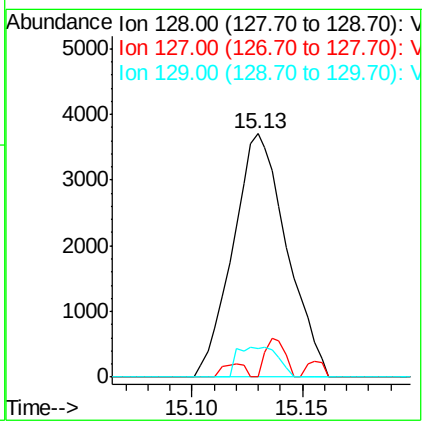


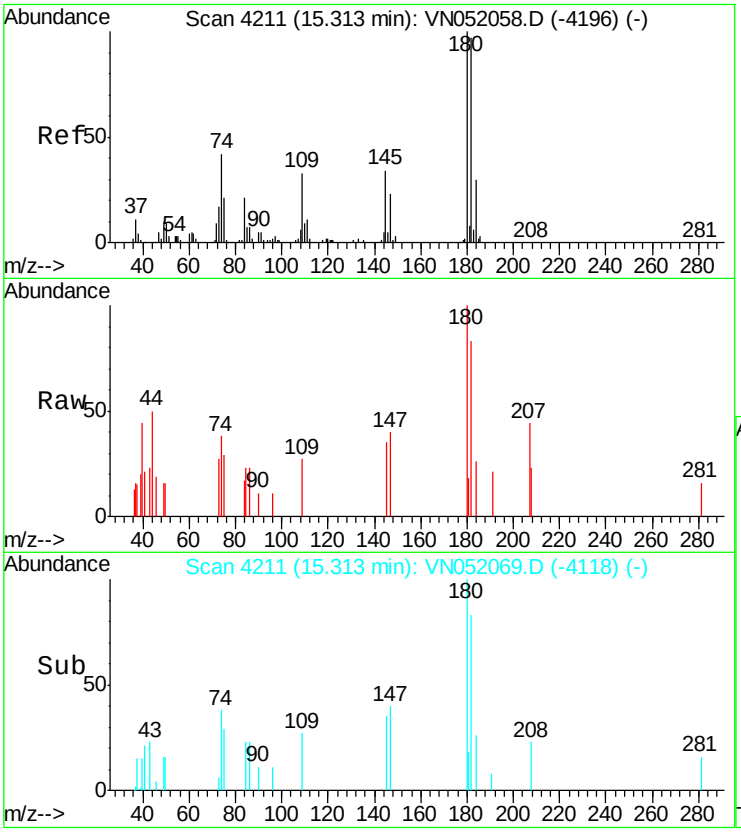


#95
Naphthalene
Concen: 1.05 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Tgt Ion:128 Resp: 6268

Ion	Ratio	Lower	Upper
128	100		
127	5.7	10.5	15.7#
129	9.3	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 1.22 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN052069.D
Acq: 31 Oct 2018 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB114328TB

Tgt Ion:180 Resp: 2505

Ion	Ratio	Lower	Upper
180	100		
182	72.9	47.2	141.6
145	21.8	16.6	49.7