Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081618\

Quantitation Report (Not Reviewed)

Data File : VN050690.D
Acq On : 16 Aug 2018 9:41
Operator : MD\SY
Sample : VN0816WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0816WBL01

Quant Time: Aug 17 02:59:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	638281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1019377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	869648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	273451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	429371	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.74%			
35) Dibromofluoromethane	7.59	113	405537	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.66%			
50) Toluene-d8	10.09	98	1447279	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.50%			
62) 4-Bromofluorobenzene	12.40	95	364690	36.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.08%			
Target Compounds						Qvalue
3) Chloromethane	2.06	50	2184	Below Cal		100
5) Bromomethane	2.57	94	2643	Below Cal		87
6) Chloroethane	2.70	64	31	Below Cal	#	43
10) Methyl Iodide	3.95	142	424	7.016	ug/l #	76
16) Acetone	3.83	43	1694	Below Cal		93
17) Carbon Disulfide	4.05	76	4648	0.213	ug/l	98
18) Methyl Acetate	4.33	43	4748	Below Cal	#	75
20) Methylene Chloride	4.54	84	746	Below Cal	#	70
25) 2-Butanone	6.86	43	952	0.289	ug/l #	48
29) Tetrahydrofuran	7.22	42	992	0.576	ug/l #	41
31) Cyclohexane	7.66	56	11661	0.615	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	43937	3.872	ug/l #	49
38) Carbon Tetrachloride	7.67	117	57161	4.856	ug/l #	16
43) Isopropyl Acetate	8.24	43	20553	1.758	ug/l #	60
56) Ethyl methacrylate	10.43	69	151	1.920	ug/l #	28
59) 2-Hexanone	10.76	43	2240	0.439	ug/l #	48
70) Styrene	11.96	104	646	0.969	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.50	83	229	Below Cal	#	78
76) 1,2,3-Trichloropropane	12.40	75	175013	39.395	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	175013	142.289	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.27	75	194	0.254	ug/l #	32
93) 1,2,4-Trichlorobenzene	14.91	180	1558	2.972	ug/l #	56
94) Hexachlorobutadiene	15.01	225	1981	0.671	ug/l	88
95) Naphthalene	15.14	128	4054	4.217	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.32	180	2154	2.387	ug/l	90

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

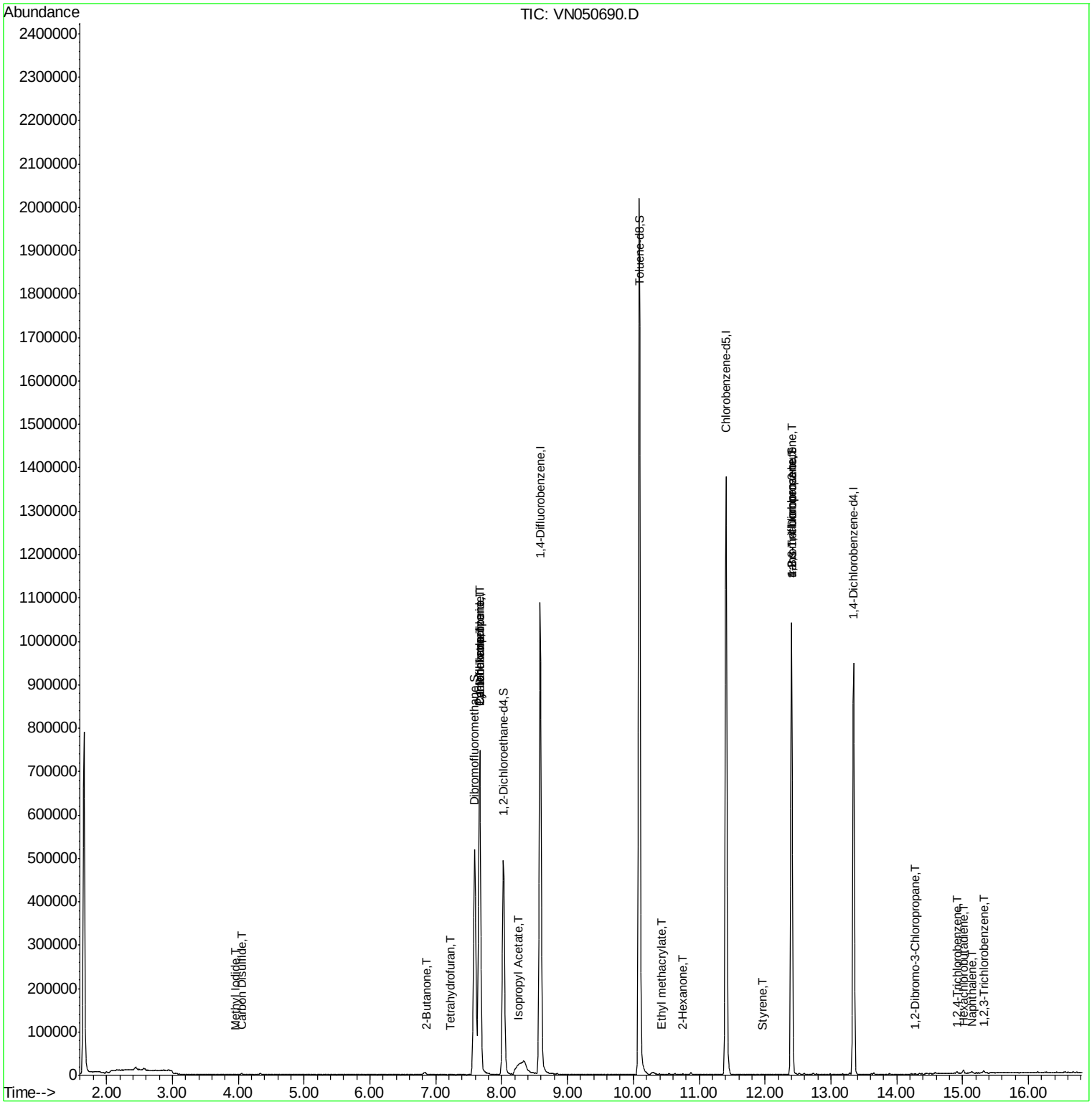
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081618\

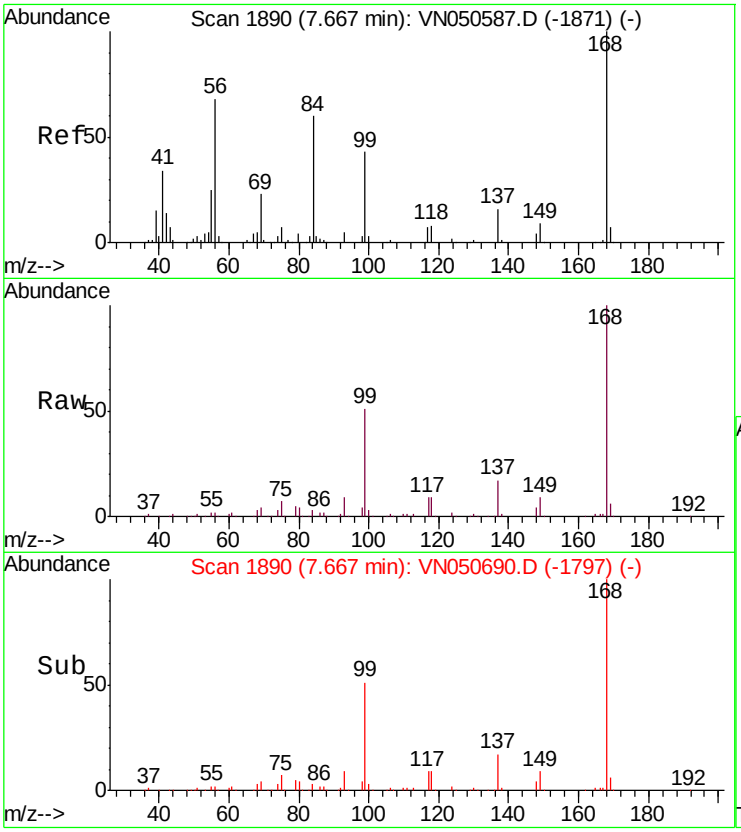
Quantitation Report (Not Reviewed)

Data File : VN050690.D
Acq On : 16 Aug 2018 9:41
Operator : MD\SY
Sample : VN0816WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0816WBL01

Quant Time: Aug 17 02:59:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration



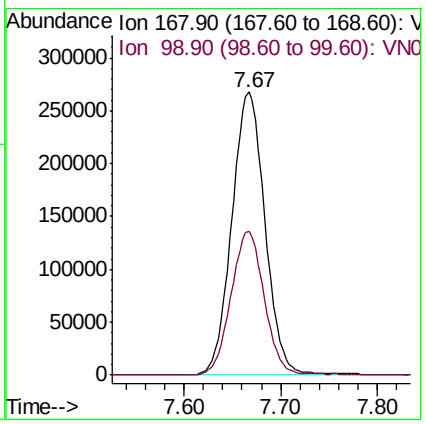


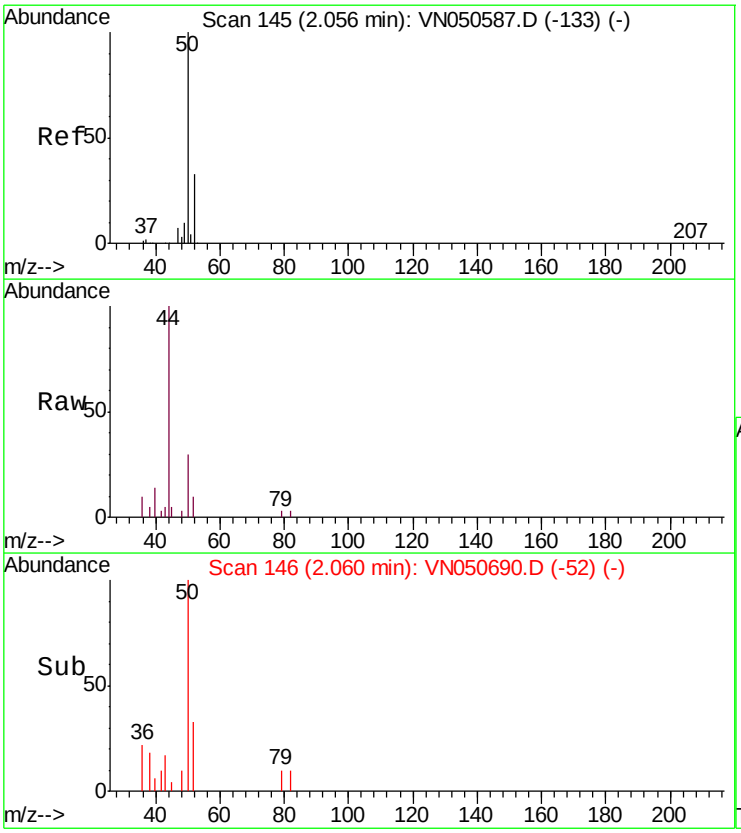
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion:168 Resp: 638281

Ion	Ratio	Lower	Upper
168	100		
99	50.9	40.8	61.2

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

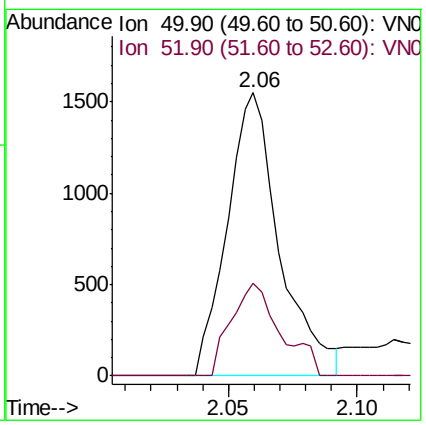


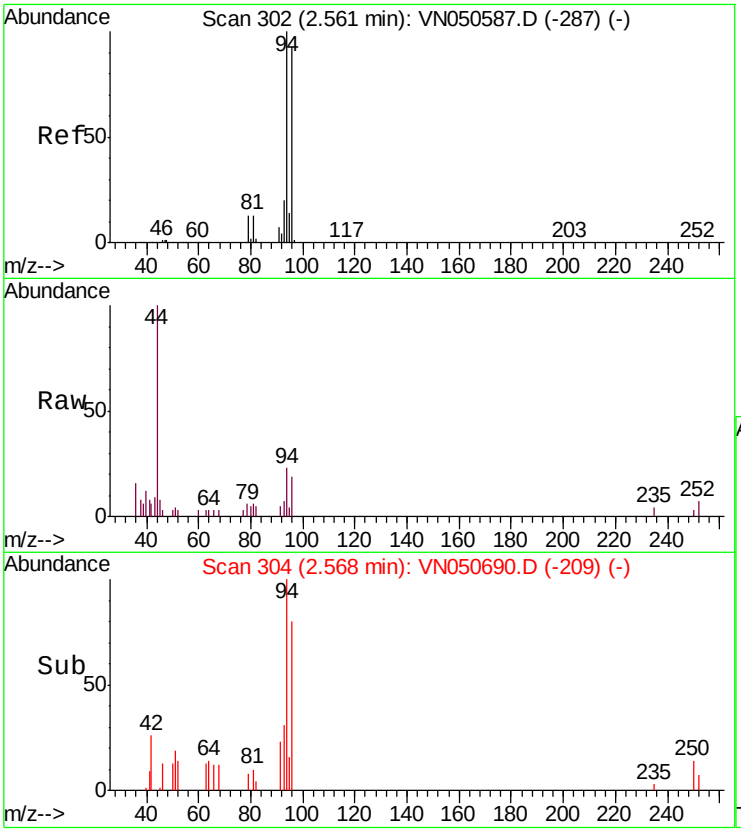


#3
Chloromethane
Concen: Below Cal
RT: 2.06 min Scan# 146
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion: 50 Resp: 2184

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.0	39.0



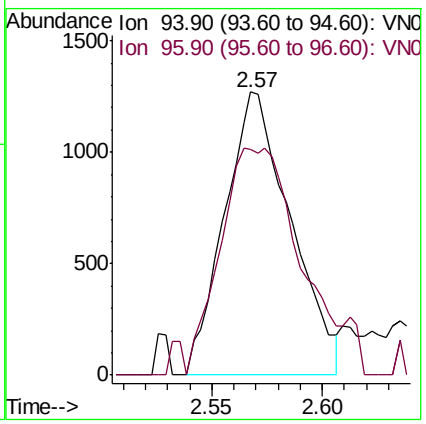


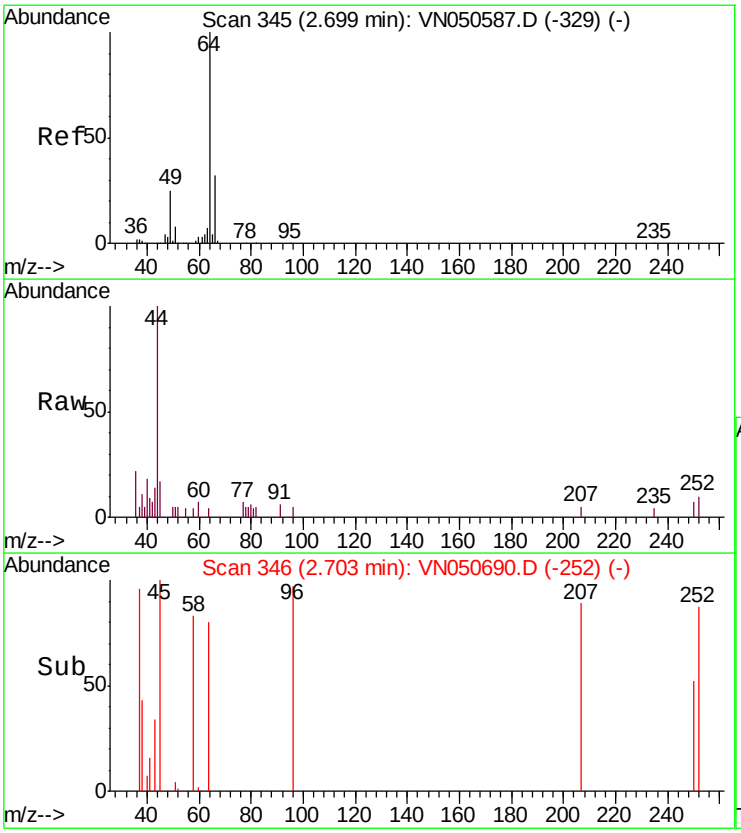
#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 304
Delta R.T. 0.01 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

Tgt Ion: 94 Resp: 2643

Ion	Ratio	Lower	Upper
94	100		
96	79.8	74.0	111.0

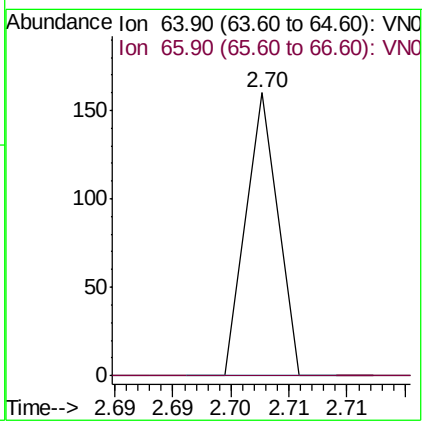


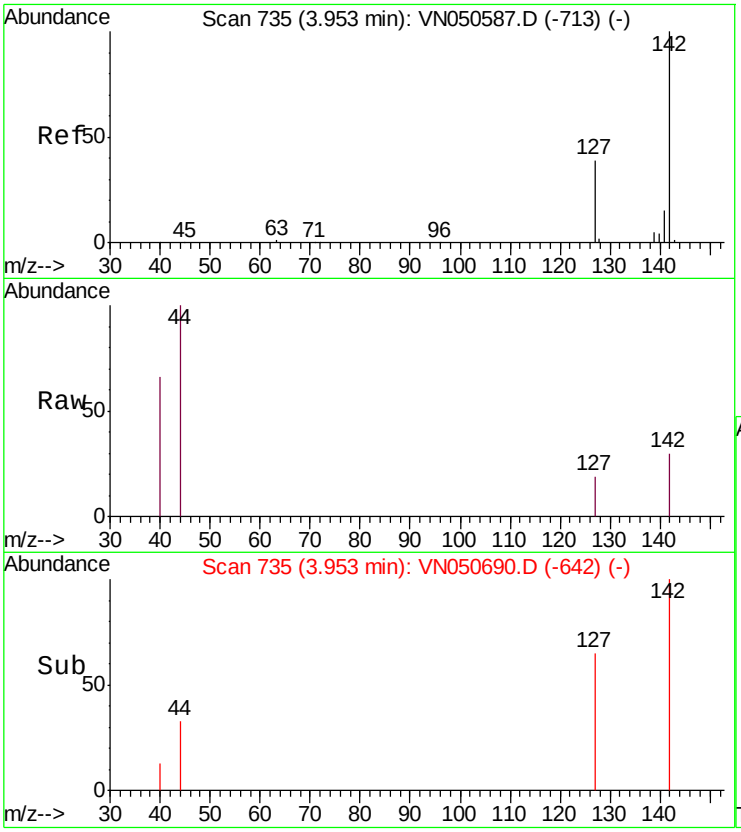


#6
Chloroethane
Concen: Below Cal
RT: 2.70 min Scan# 346
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion: 64 Resp: 31

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.7	38.5#



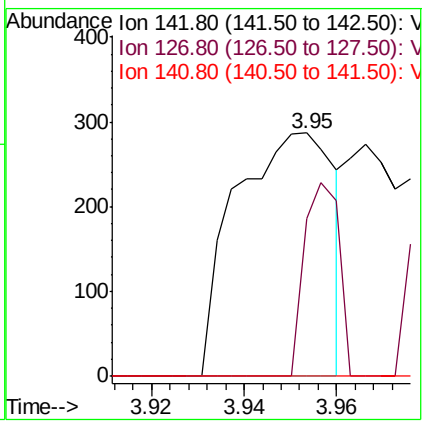


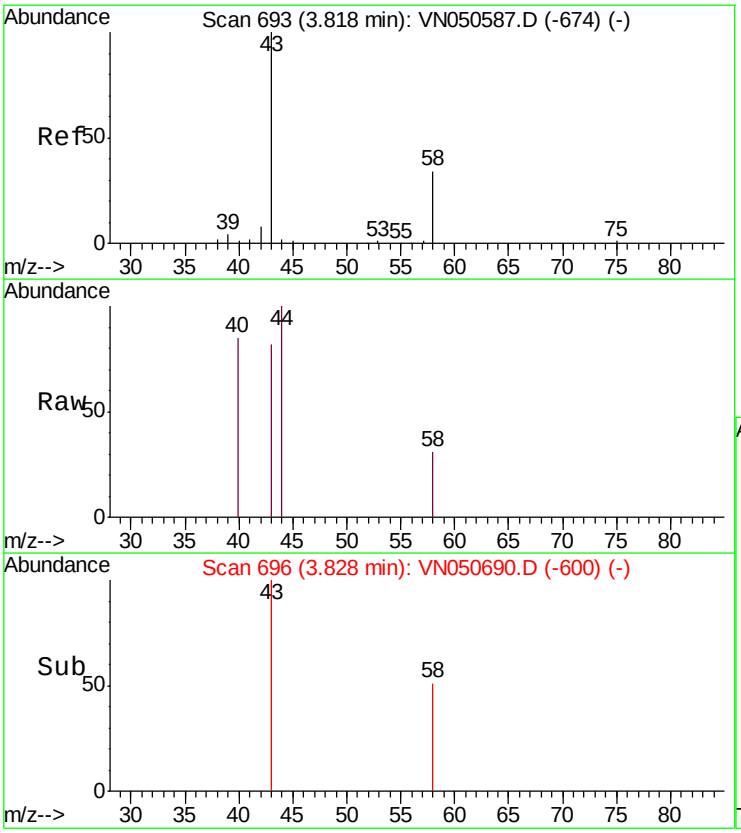
#10
Methyl Iodide
Concen: 7.016 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument : MSVOA_N
ClientSampleId : VN0816WBL01

Tgt Ion:142 Resp: 424

Ion	Ratio	Lower	Upper
142	100		
127	28.3	32.6	49.0#
141	0.0	11.5	17.3#

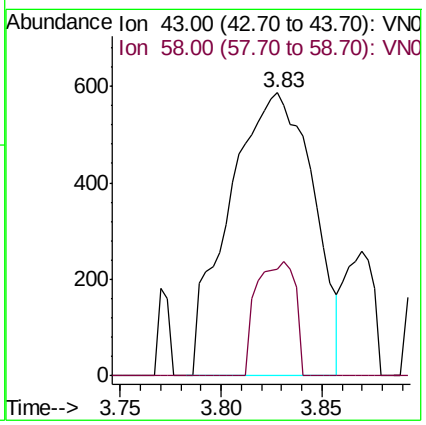


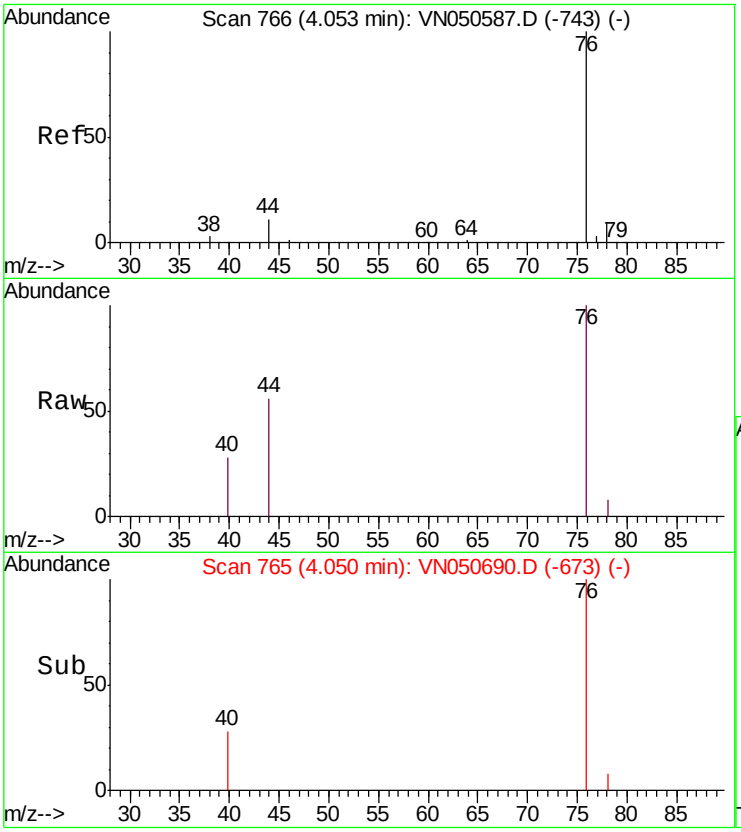


#16
Acetone
Concen: Below Cal
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion: 43 Resp: 1694

Ion	Ratio	Lower	Upper
43	100		
58	37.8	27.1	40.7



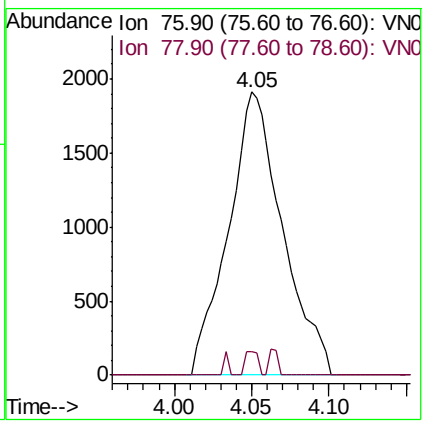


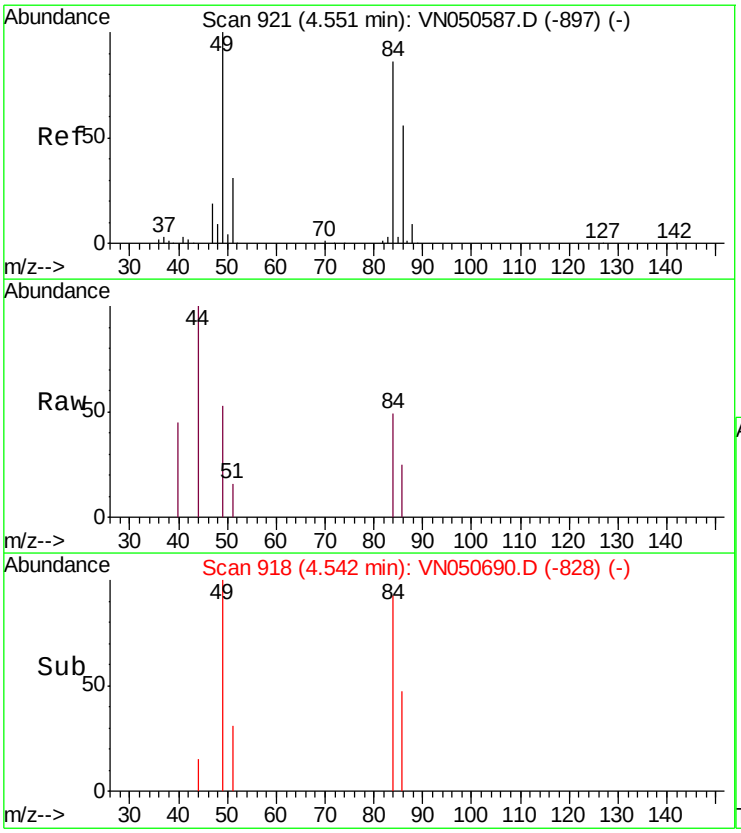
#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument : MSVOA_N
ClientSampleId : VN0816WBL01

Tgt Ion: 76 Resp: 4648

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.3	10.9

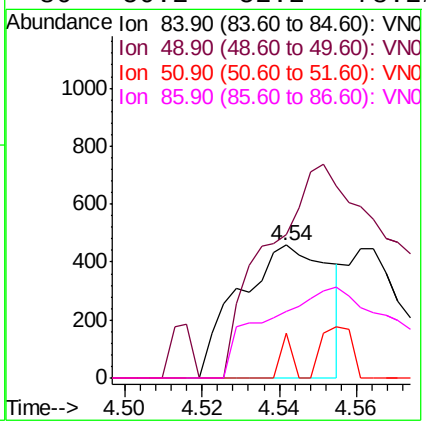


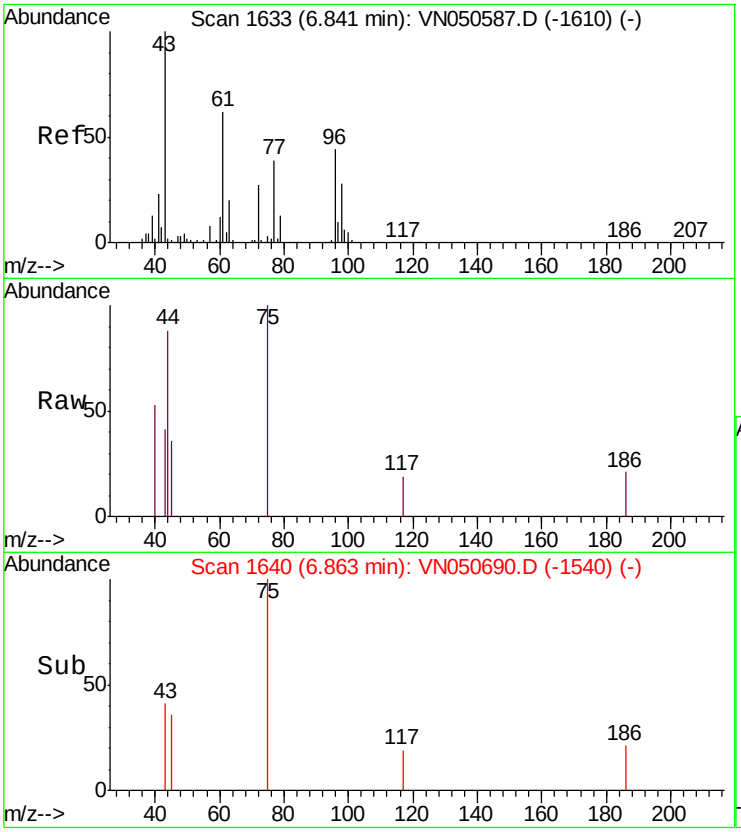


#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion: 84 Resp: 746

Ion	Ratio	Lower	Upper
84	100		
49	66.8	92.6	138.8#
51	33.6	28.6	43.0
86	50.2	52.2	78.2#



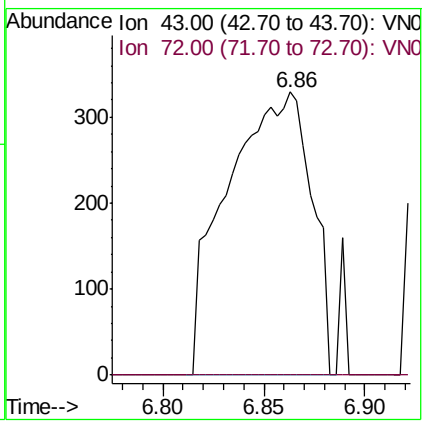


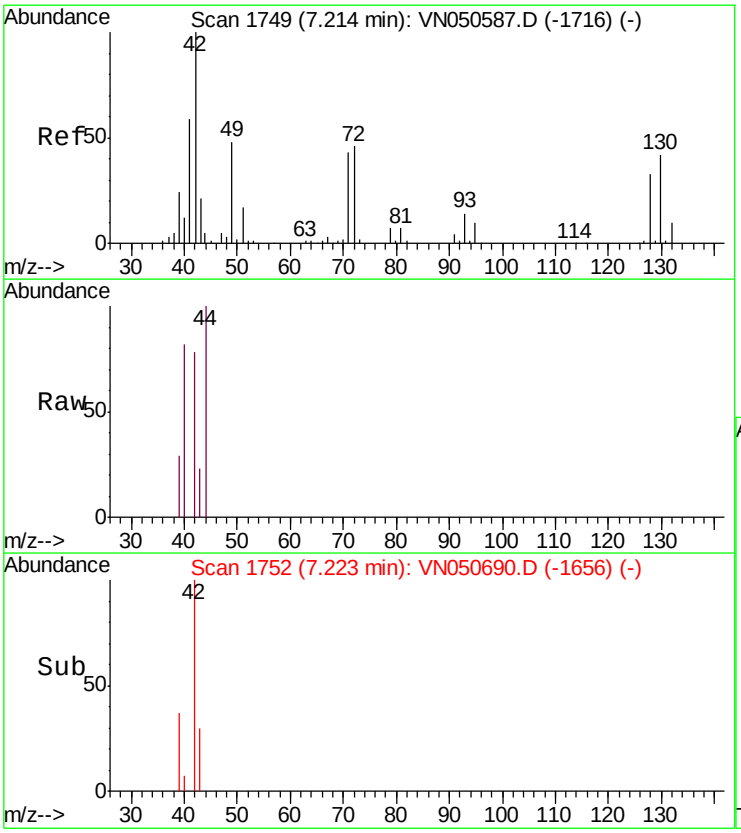
#25
2-Butanone
Concen: 0.289 ug/l
RT: 6.86 min Scan# 1640
Delta R.T. 0.02 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

Tgt Ion: 43 Resp: 952

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#

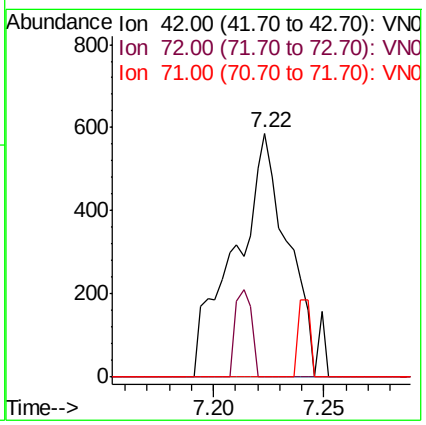


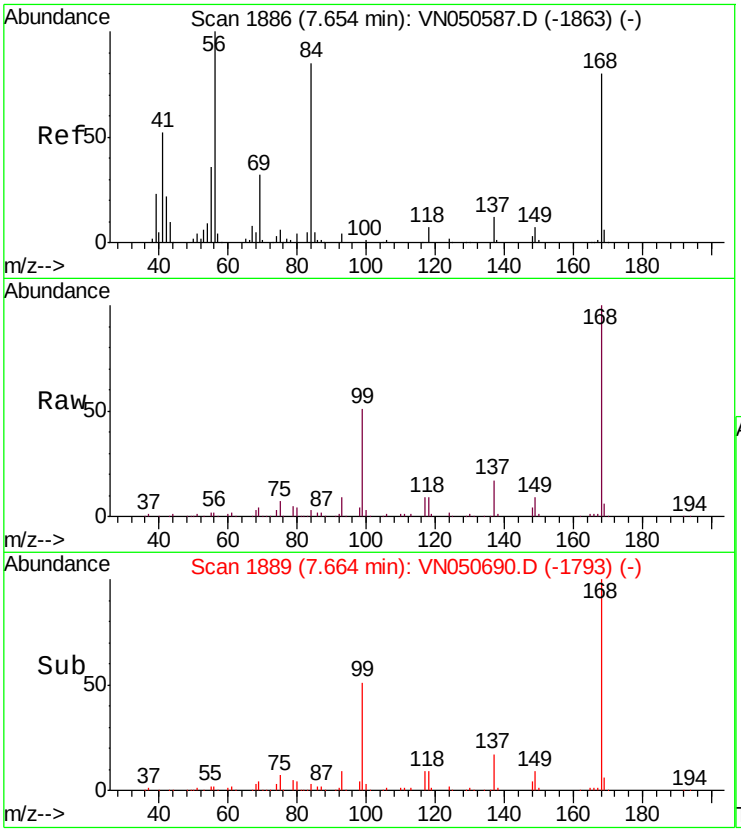


#29
Tetrahydrofuran
Concen: 0.576 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion: 42 Resp: 992

Ion	Ratio	Lower	Upper
42	100		
72	10.9	35.8	53.6#
71	0.0	33.4	50.0#



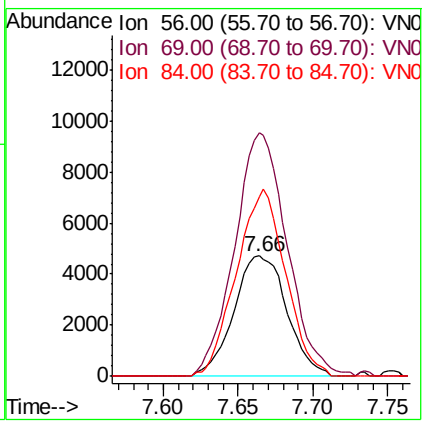


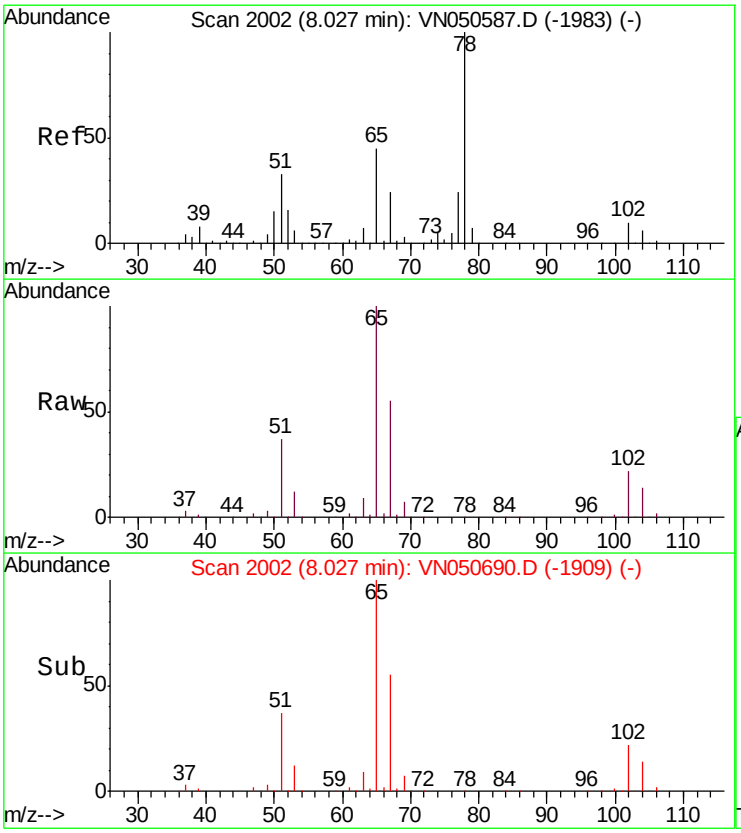
#31
Cyclohexane
Concen: 0.615 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

Tgt Ion: 56 Resp: 11661

Ion	Ratio	Lower	Upper
56	100		
69	202.2	25.8	38.6#
84	148.7	67.8	101.6#

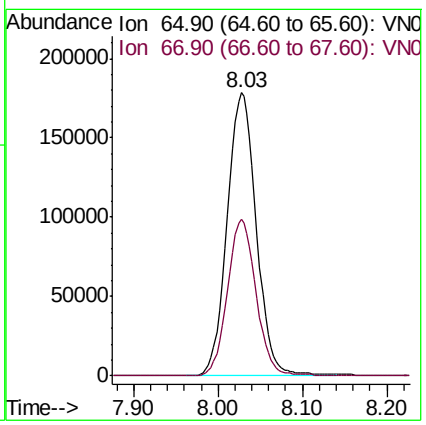


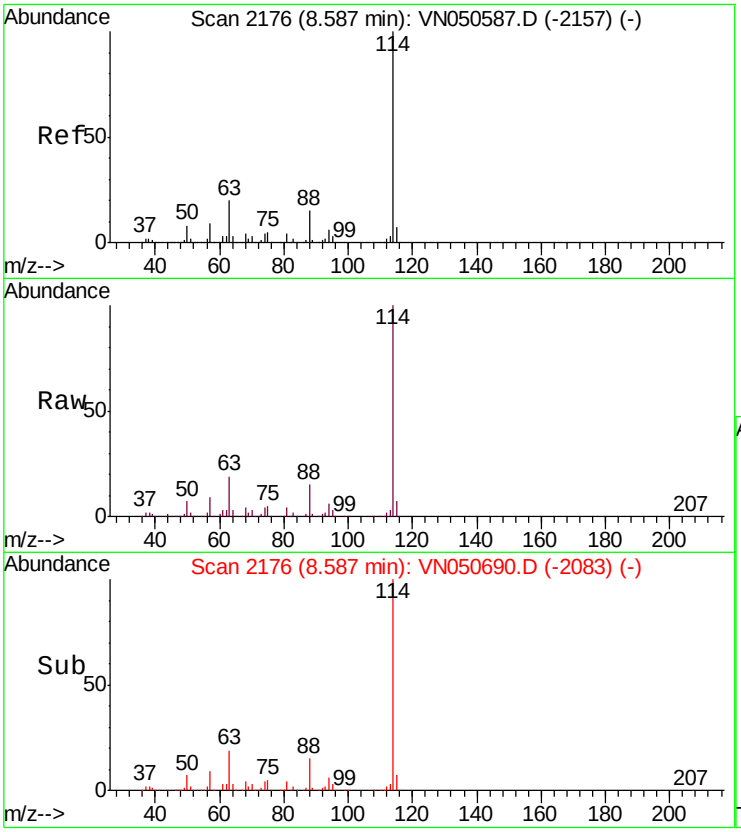


#33
1,2-Dichloroethane-d4
Concen: 53.367 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion: 65 Resp: 429371

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	109.8



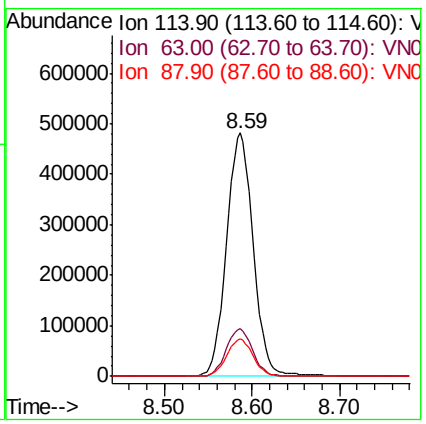


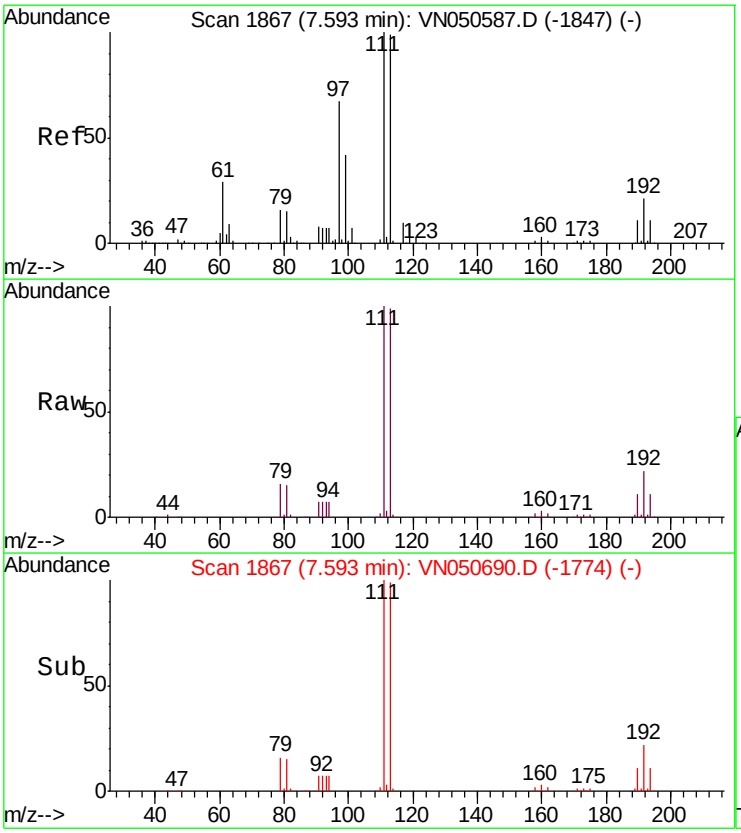
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

Tgt Ion:114 Resp: 1019377

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.0
88	15.2	0.0	30.8

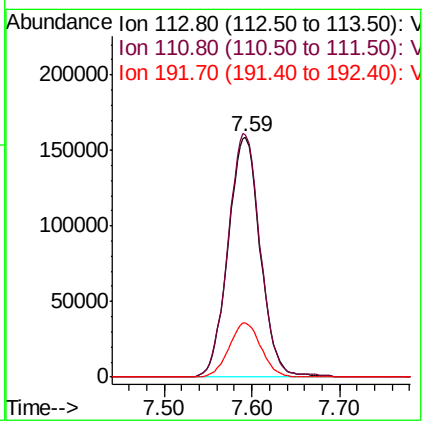


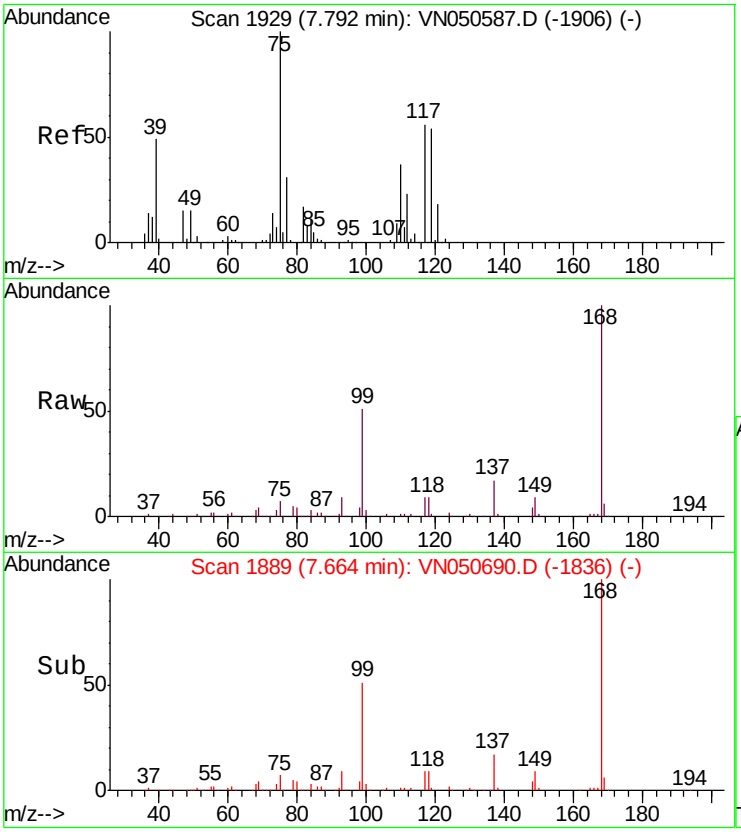


#35
Dibromofluoromethane
Concen: 49.830 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion:113 Resp: 405537

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.6
192	22.4	17.6	26.4



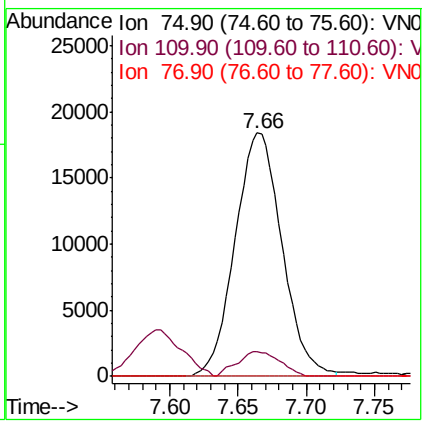


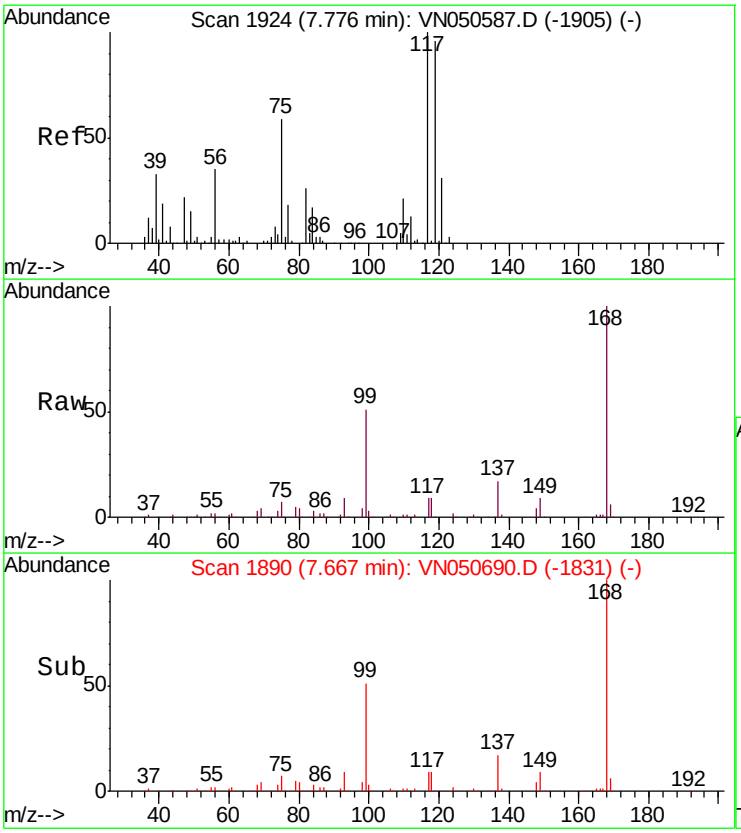
#36
1,1-Dichloropropene
Concen: 3.872 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. -0.13 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

Tgt Ion: 75 Resp: 43937

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.3	54.9#
77	0.0	25.0	37.4#

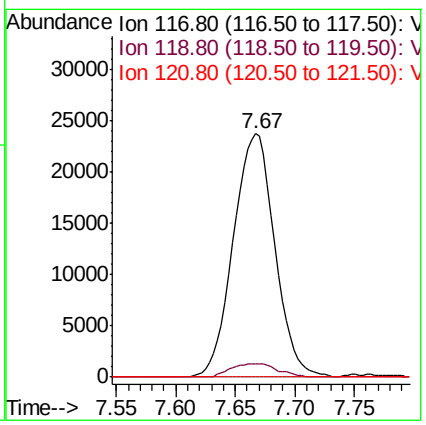


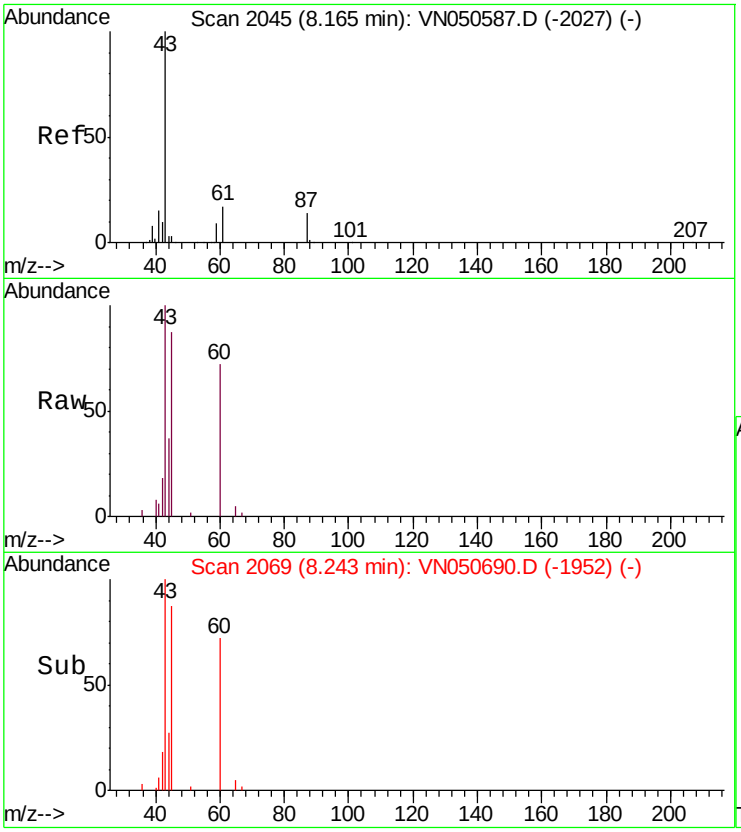


#38
Carbon Tetrachloride
Concen: 4.856 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion:117 Resp: 57161

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.6	115.0#
121	0.0	25.0	37.6#



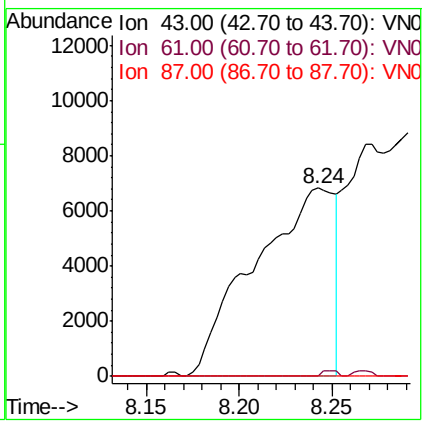


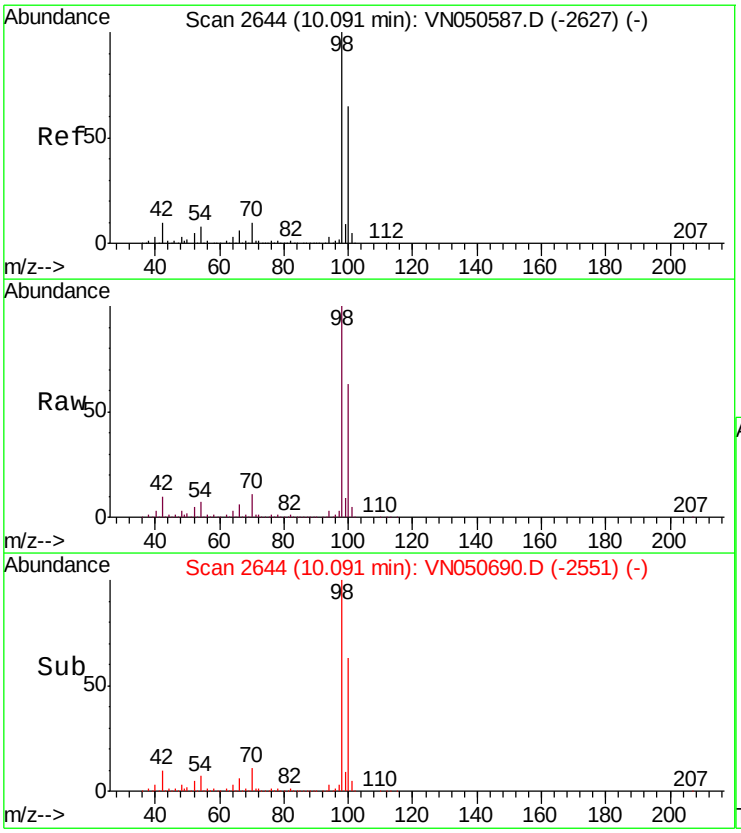
#43
Isopropyl Acetate
Concen: 1.758 ug/l
RT: 8.24 min Scan# 2069
Delta R.T. 0.08 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument : MSVOA_N
ClientSampleId : VN0816WBL01

Tgt Ion: 43 Resp: 20553

Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.2	24.2#
87	0.0	10.9	16.3#

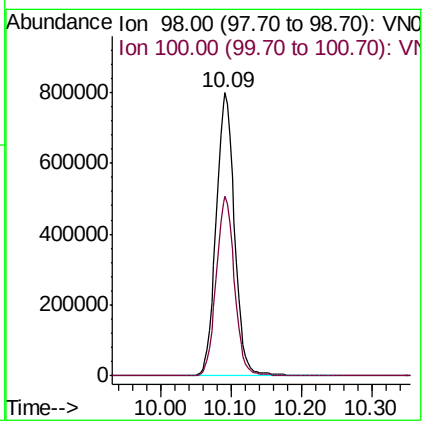


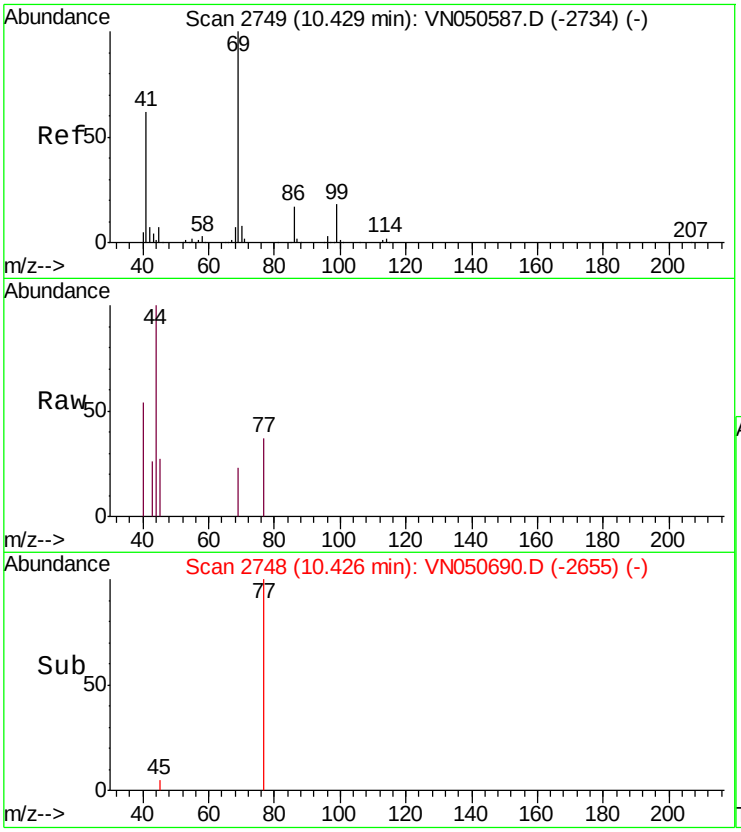


#50
Toluene-d8
Concen: 47.252 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion: 98 Resp: 1447279

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.8	77.8



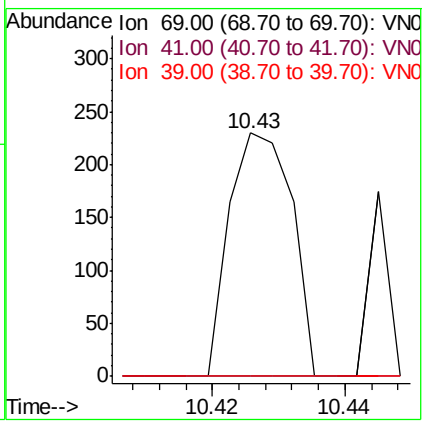


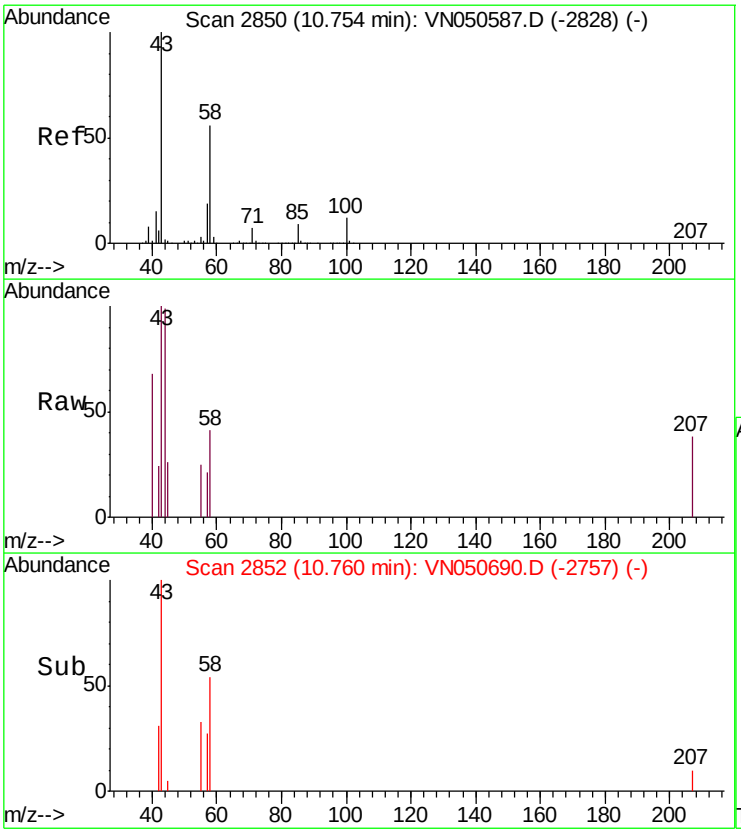
#56
Ethyl methacrylate
Concen: 1.920 ug/l
RT: 10.43 min Scan# 2748
Delta R.T. -0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument : MSVOA_N
ClientSampleId : VN0816WBL01

Tgt Ion: 69 Resp: 151

Ion	Ratio	Lower	Upper
69	100		
41	0.0	49.7	74.5#
39	0.0	24.2	36.2#

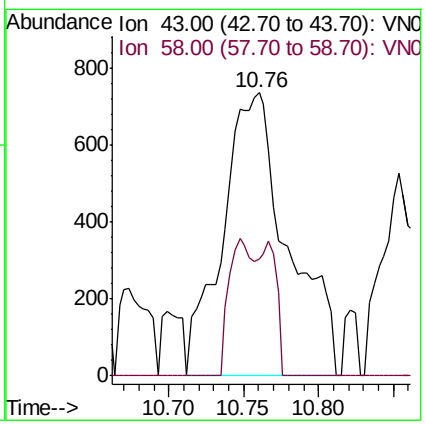


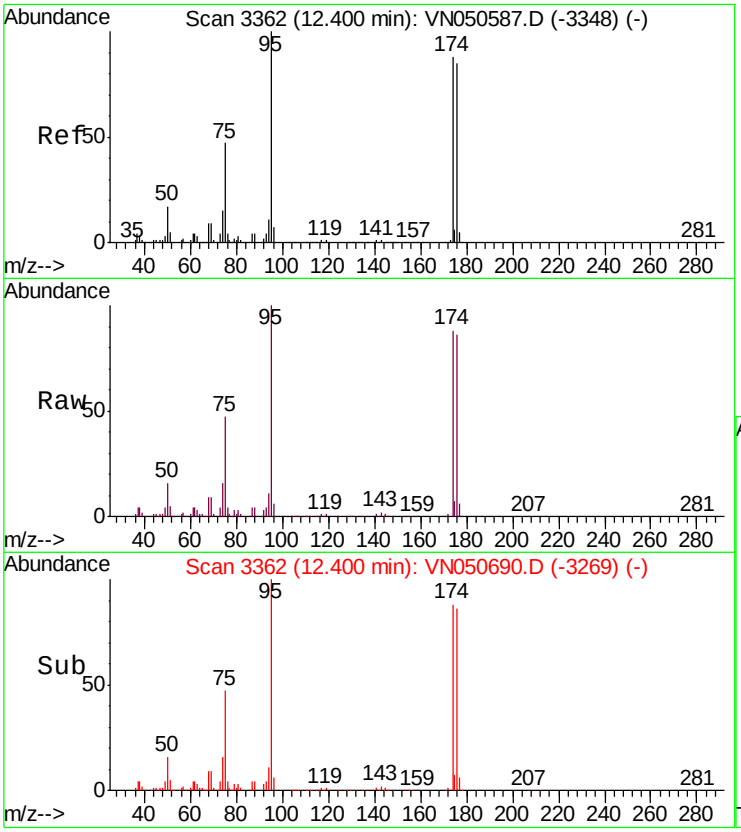


#59
2-Hexanone
Concen: 0.439 ug/l
RT: 10.76 min Scan# 2852
Delta R.T. 0.01 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion: 43 Resp: 2240

Ion	Ratio	Lower	Upper
43	100		
58	17.8	28.0	84.0#



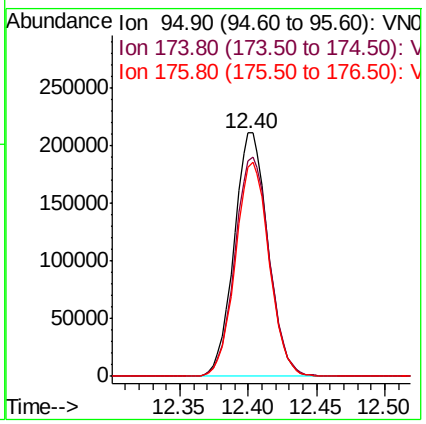


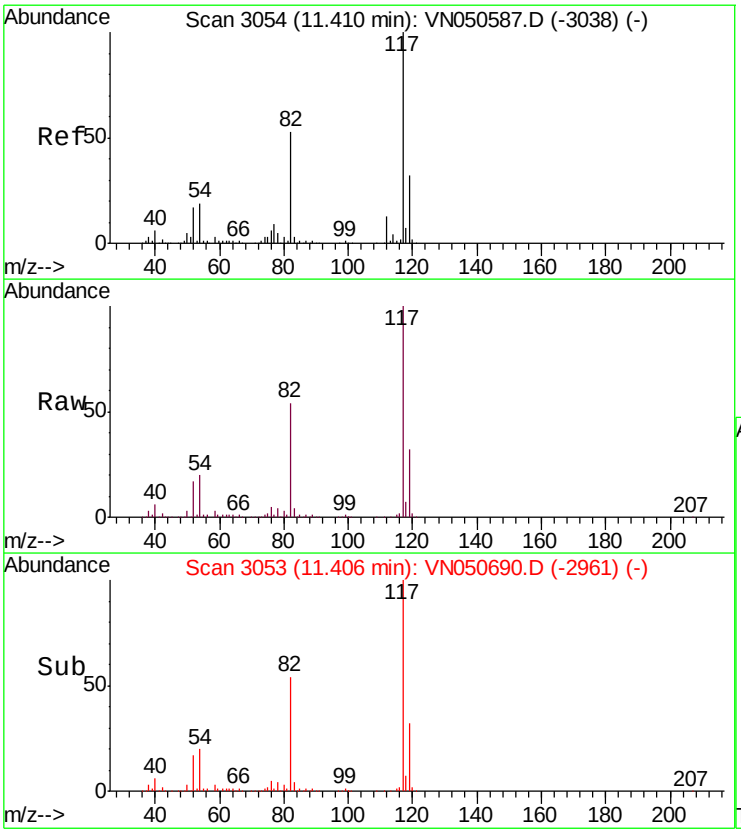
#62
4-Bromofluorobenzene
Concen: 36.041 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

Tgt Ion: 95 Resp: 364690

Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	177.8
176	87.6	0.0	175.0

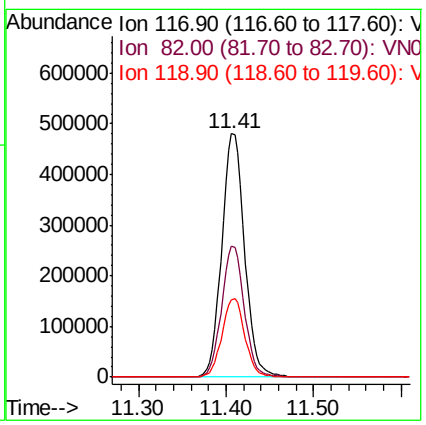


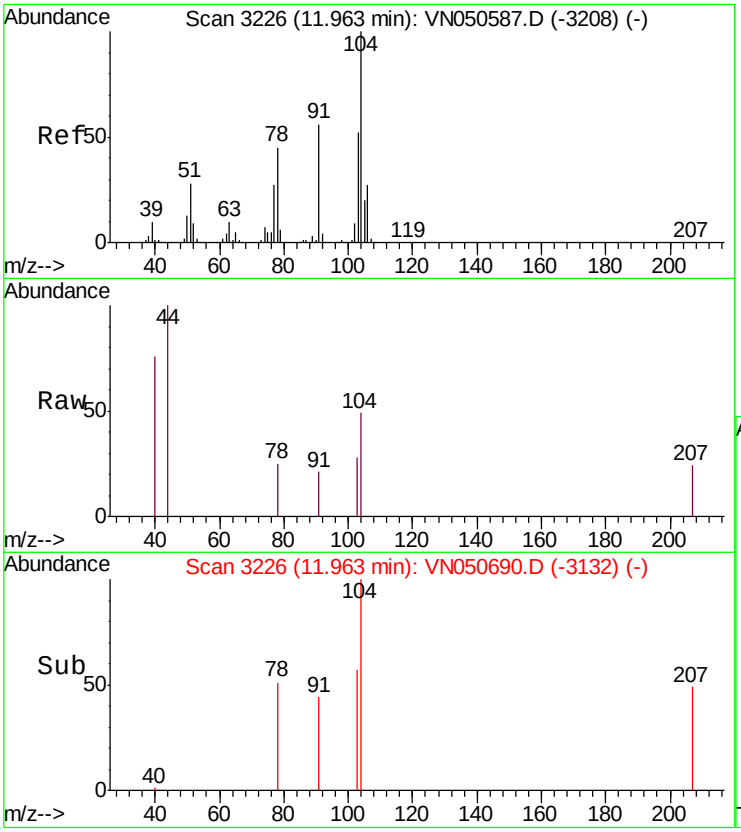


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion:117 Resp: 869648

Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.4	63.6
119	31.9	25.8	38.8



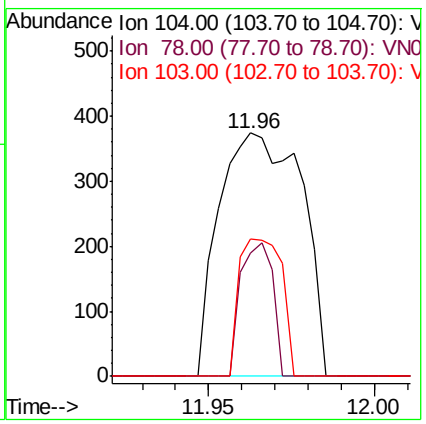


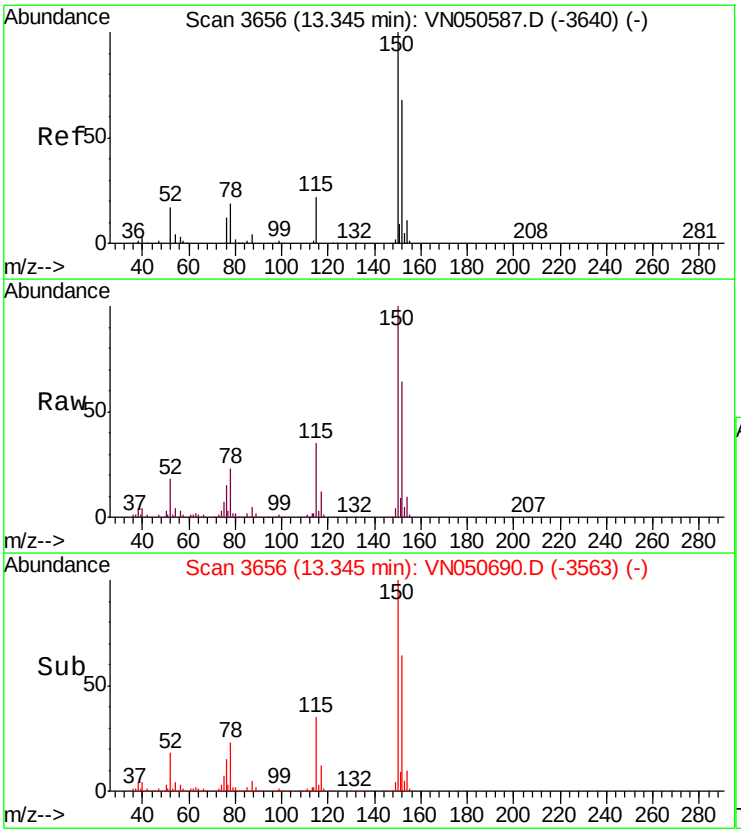
#70
Styrene
Concen: 0.969 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument : MSVOA_N
ClientSampleId : VN0816WBL01

Tgt Ion:104 Resp: 646

Ion	Ratio	Lower	Upper
104	100		
78	21.5	39.1	58.7#
103	29.3	44.9	67.3#

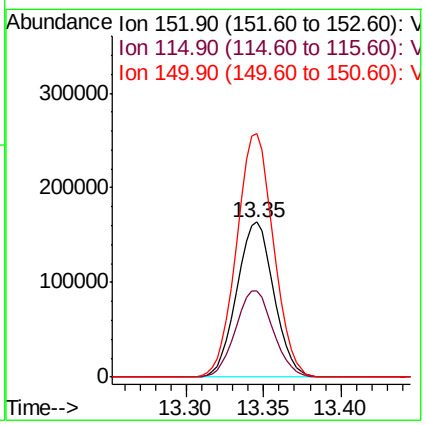


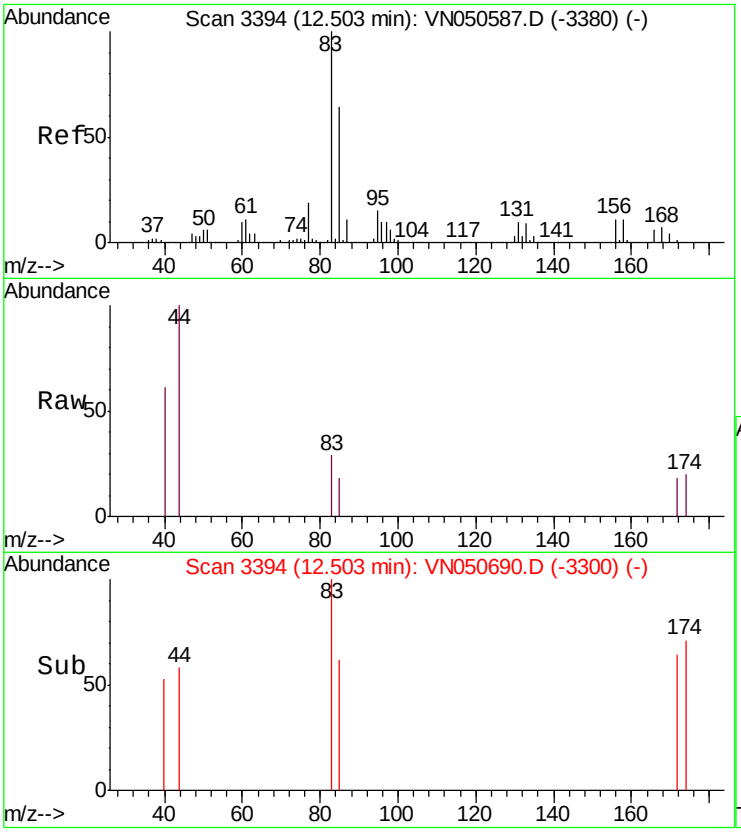


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion:152 Resp: 273451

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.1	84.2
150	156.6	0.0	347.8



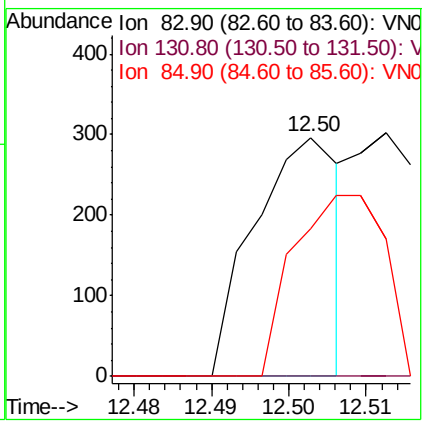


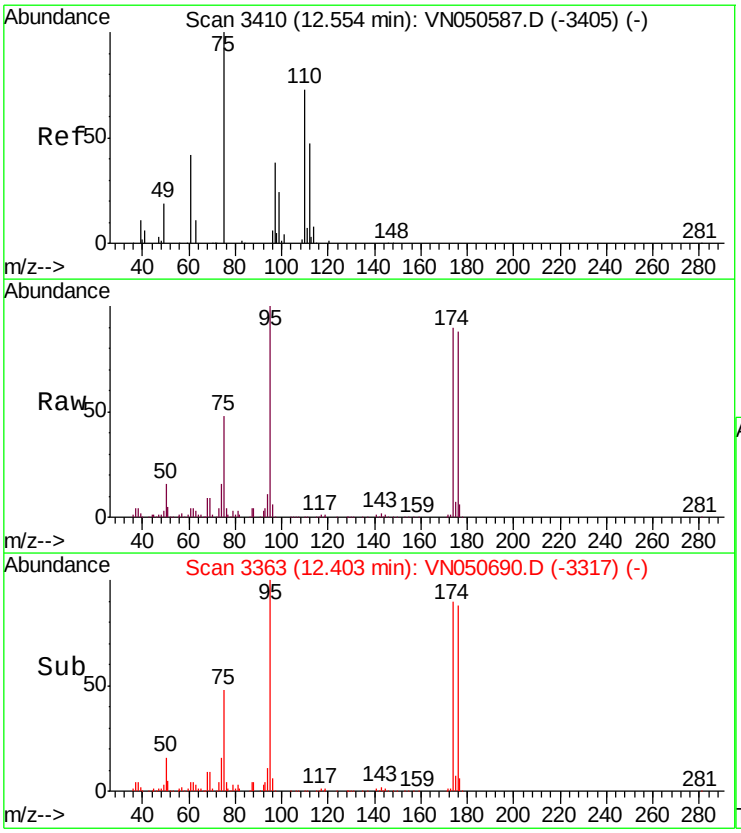
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.50 min Scan# 3394
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument : MSVOA_N
ClientSampleId : VN0816WBL01

Tgt Ion: 83 Resp: 229

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	80.3	32.1	96.5

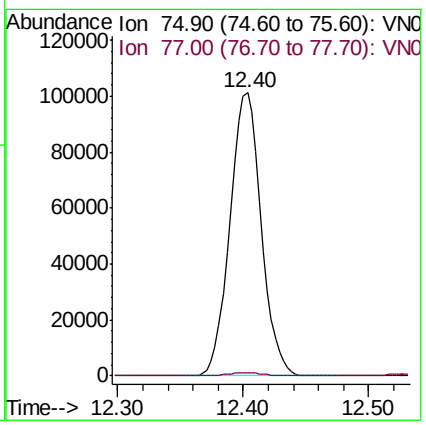


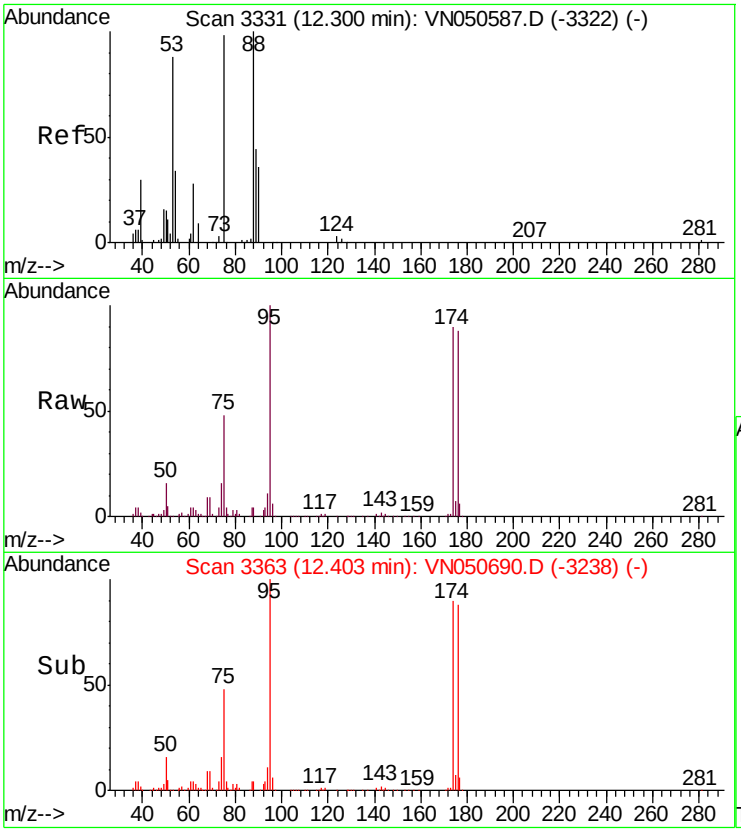


#76
1,2,3-Trichloropropane
Concen: 39.395 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion: 75 Resp: 175013

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



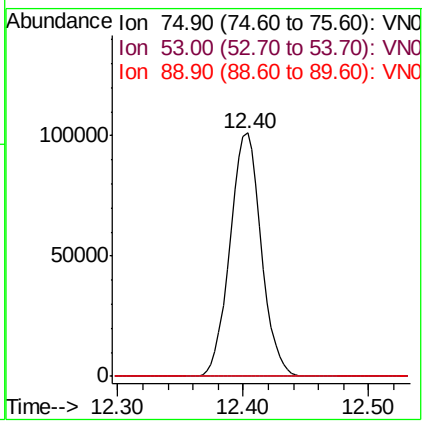


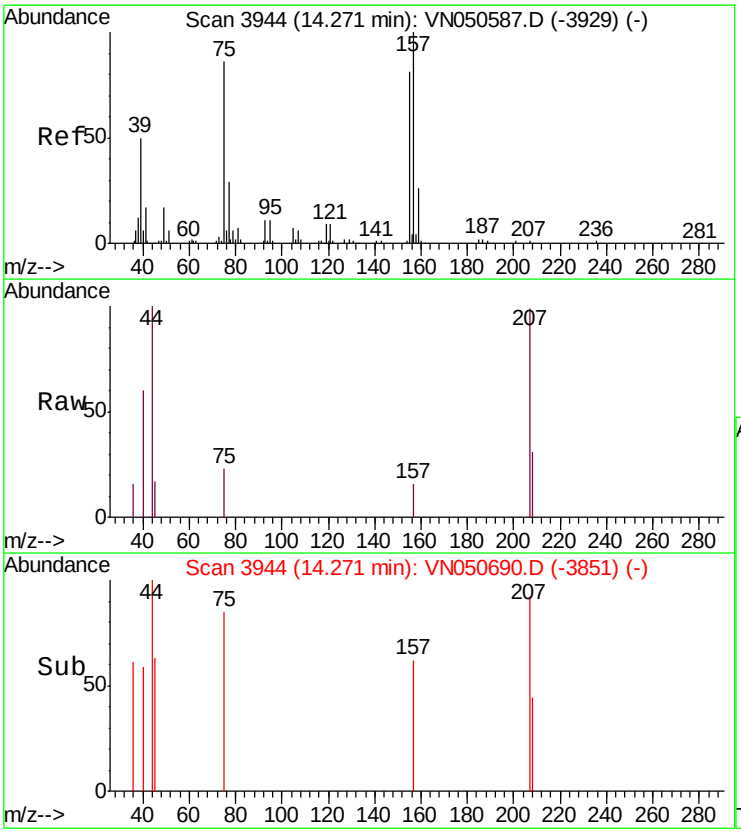
#81
trans-1,4-Dichloro-2-butene
Concen: 142.289 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

Tgt Ion: 75 Resp: 175013

Ion	Ratio	Lower	Upper
75	100		
53	0.2	72.2	108.2#
89	0.0	36.3	54.5#

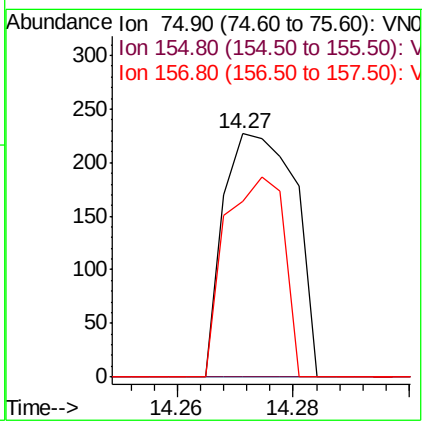


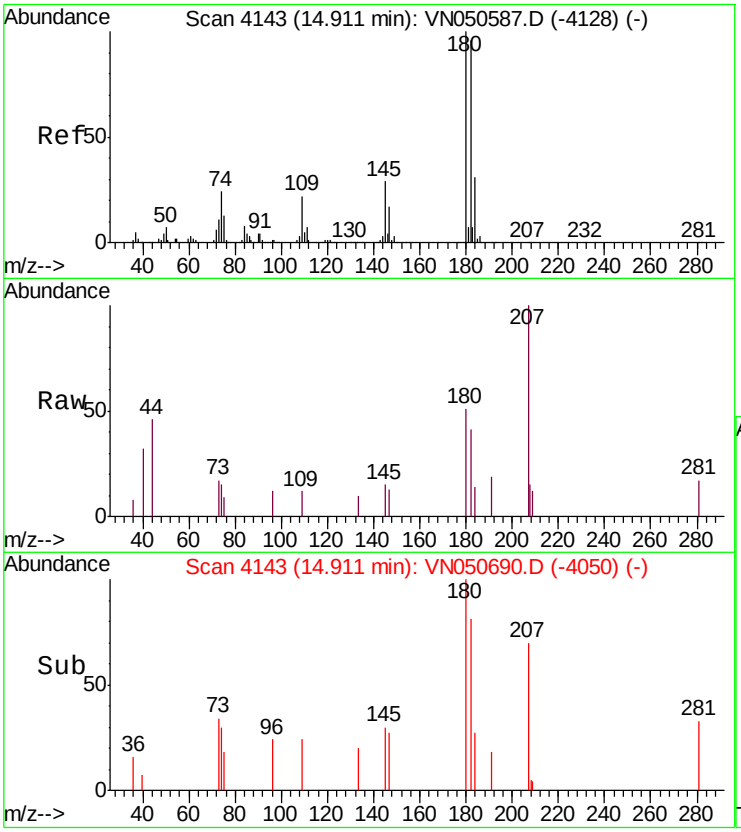


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.254 ug/l
RT: 14.27 min Scan# 3944
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion: 75 Resp: 194

Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.6	139.8#
157	67.0	58.1	174.2



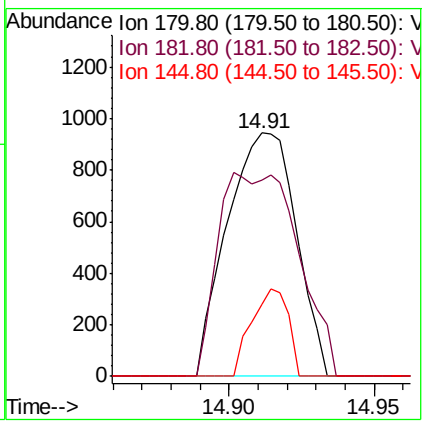


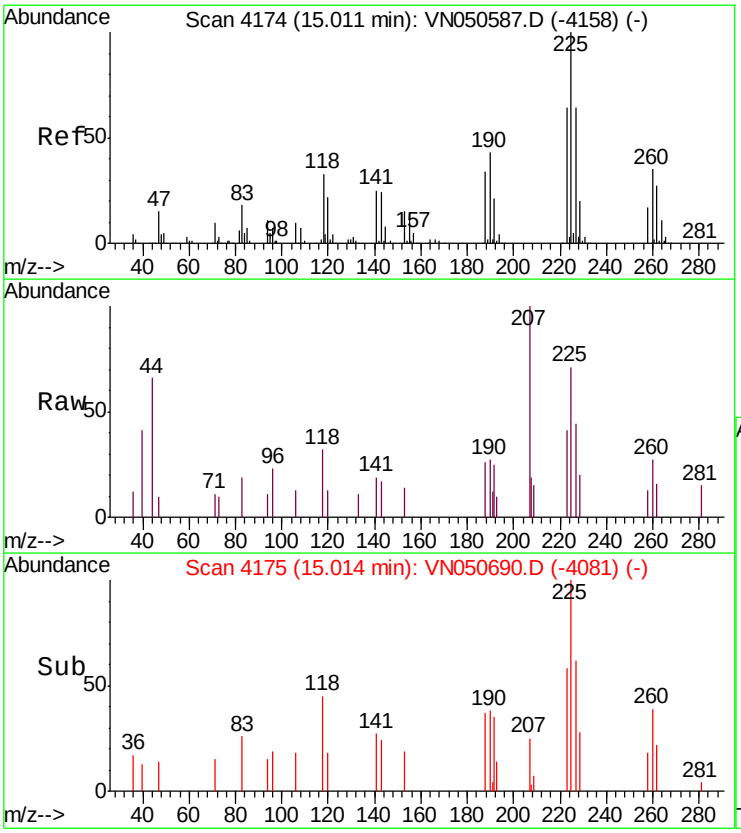
#93
1,2,4-Trichlorobenzene
Concen: 2.972 ug/l
RT: 14.91 min Scan# 4143
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

Tgt Ion:180 Resp: 1558

Ion	Ratio	Lower	Upper
180	100		
182	44.9	47.9	143.7#
145	19.1	14.4	43.4

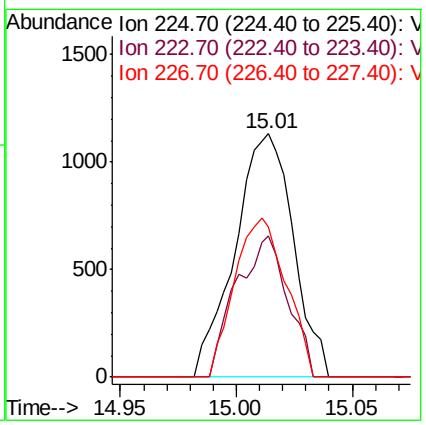


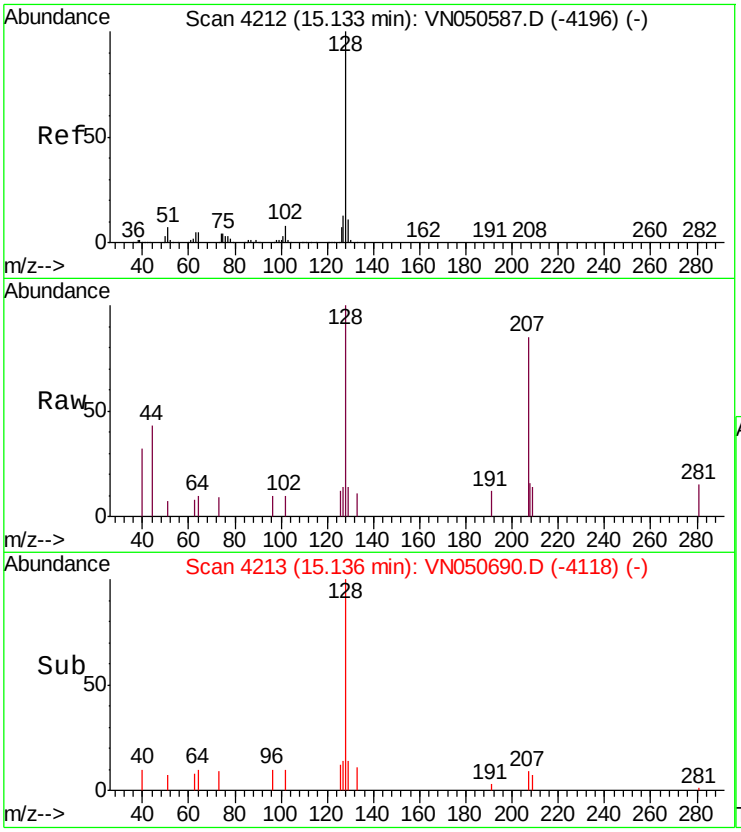


#94
Hexachlorobutadiene
Concen: 0.671 ug/l
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion:225 Resp: 1981

Ion	Ratio	Lower	Upper
225	100		
223	51.4	32.1	96.3
227	57.8	32.0	96.2



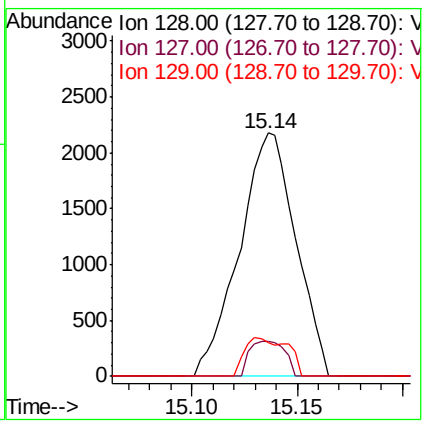


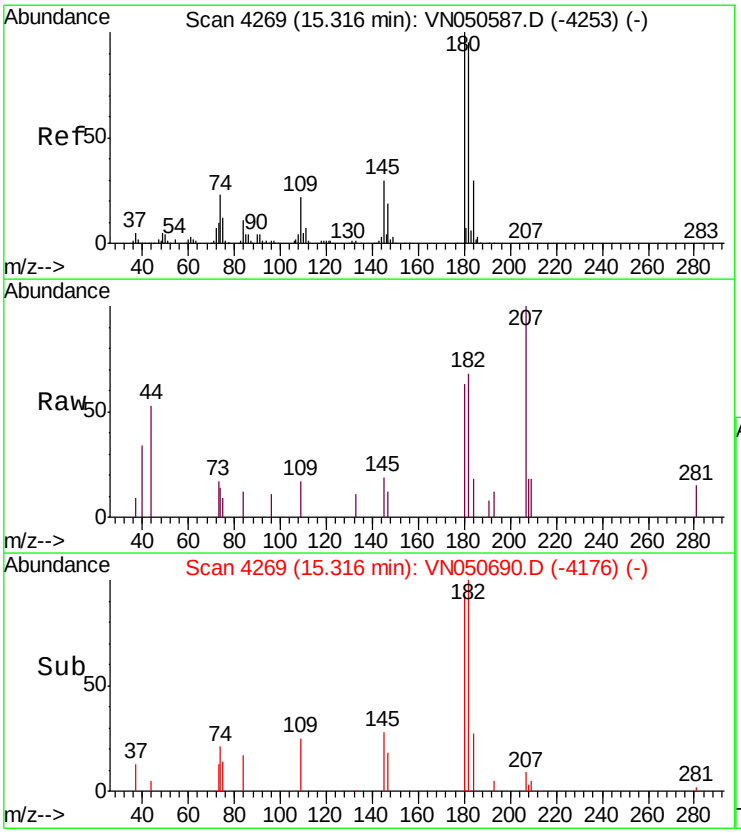
#95
Naphthalene
Concen: 4.217 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Instrument : MSVOA_N
ClientSampleId : VN0816WBL01

Tgt Ion:128 Resp: 4054

Ion	Ratio	Lower	Upper
128	100		
127	9.0	10.3	15.5#
129	12.1	8.5	12.7





#96
1,2,3-Trichlorobenzene
Concen: 2.387 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050690.D
Acq: 16 Aug 2018 9:41

Tgt Ion:180 Resp: 2154

Ion	Ratio	Lower	Upper
180	100		
182	103.9	47.3	141.8
145	24.3	14.6	44.0