Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050251.D
Acq On : 1 Aug 2018 16:00
Operator : MD\SY
Sample : J3826-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Aug 02 00:55:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	649902	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1085416	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	915221	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387379	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	469603	51.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.58%				
35) Dibromofluoromethane	7.59	113	413443	46.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.30%				
50) Toluene-d8	10.09	98	1470857	45.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.28%				
62) 4-Bromofluorobenzene	12.40	95	418268	38.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.98%				
Target Compounds							Qvalue
5) Bromomethane	2.55	94	59	Below Cal		#	3
11) Tert butyl alcohol	4.81	59	2173	3.26	ug/l	#	72
16) Acetone	3.83	43	39770	14.53	ug/l		100
18) Methyl Acetate	4.34	43	32701	2.38	ug/l		99
20) Methylene Chloride	4.55	84	22592	1.60	ug/l		95
25) 2-Butanone	6.85	43	8036	2.32	ug/l		94
29) Tetrahydrofuran	7.22	42	1962	0.88	ug/l	#	60
30) Chloroform	7.37	83	3834	0.25	ug/l		94
31) Cyclohexane	7.67	56	12202	0.91	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	45575	3.73	ug/l	#	48
37) Ethyl Acetate	6.85	43	8036	0.94	ug/l	#	69
38) Carbon Tetrachloride	7.67	117	58930	4.54	ug/l	#	16
41) Methacrylonitrile	7.22	41	582	2.87	ug/l	#	36
43) Isopropyl Acetate	8.18	43	498520	30.59	ug/l	#	83
48) Methyl methacrylate	9.18	41	10212	1.39	ug/l	#	22
51) 4-Methyl-2-Pentanone	9.99	43	3250	0.39	ug/l	#	85
56) Ethyl methacrylate	10.28	69	153	2.04	ug/l	#	1
59) 2-Hexanone	10.77	43	18370	8.10	ug/l	#	58
67) Ethyl Benzene	11.51	91	10445	0.28	ug/l		100
68) m/p-Xylenes	11.62	106	3793	0.27	ug/l		91
69) o-Xylene	11.95	106	3819	0.29	ug/l		83
70) Styrene	11.96	104	881	0.96	ug/l	#	60
71) Bromoform	12.40	173	2148	0.33	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	246	Below Cal		#	1
76) 1,2,3-Trichloropropane	12.40	75	202474	28.12	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	202474	89.21	ug/l	#	13
84) 1,2,4-Trimethylbenzene	13.04	105	11925	0.50	ug/l		98
90) Hexachloroethane	13.89	117	2267	0.44	ug/l	#	4
92) 1,2-Dibromo-3-Chloropropan	14.27	75	251	Below Cal		#	1
93) 1,2,4-Trichlorobenzene	14.91	180	761	3.18	ug/l	#	58
95) Naphthalene	15.14	128	7534643	392.70	ug/l		100
96) 1,2,3-Trichlorobenzene	15.32	180	66	2.21	ug/l	#	12

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050251.D
Acq On : 1 Aug 2018 16:00
Operator : MD\SY
Sample : J3826-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 02 00:55:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

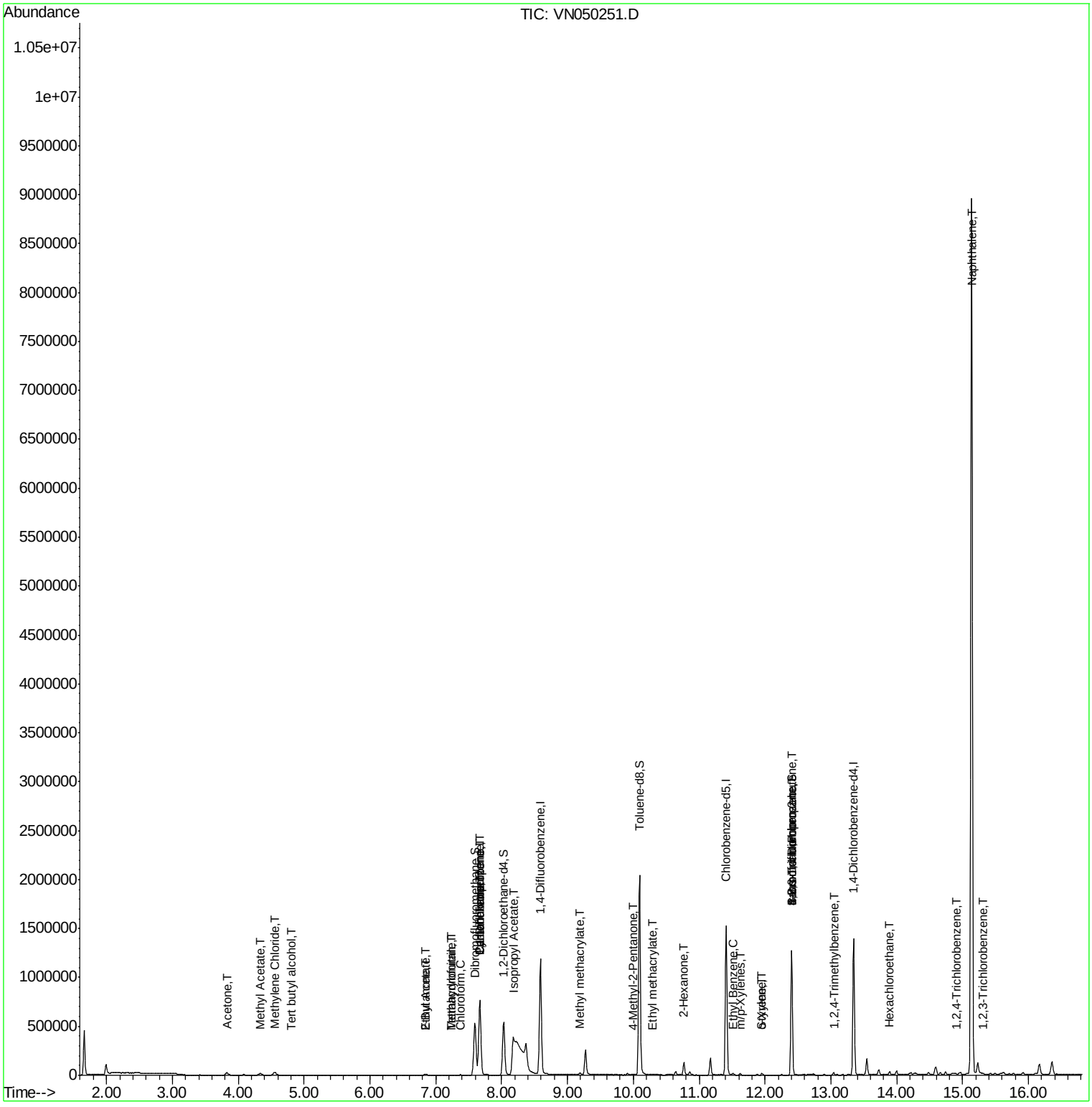
(#) = qualifier out of range (m) = manual integration (+) = signals summed

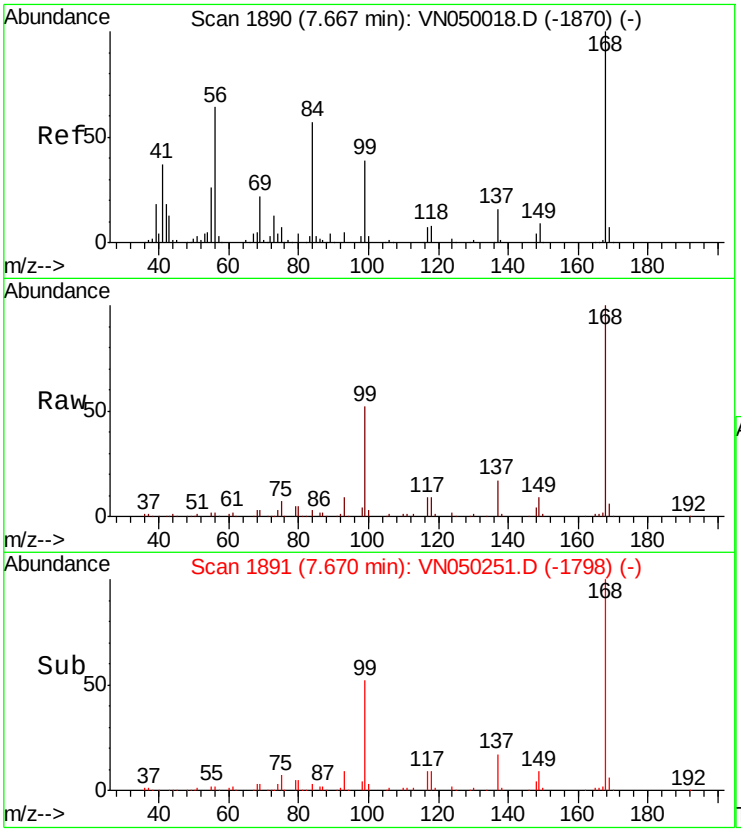
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080118\
Data File : VN050251.D
Acq On : 1 Aug 2018 16:00
Operator : MD\SY
Sample : J3826-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 02 00:55:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration



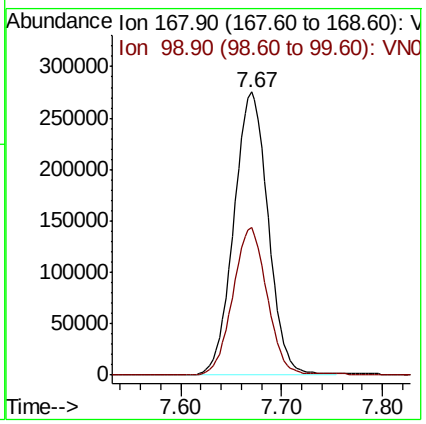


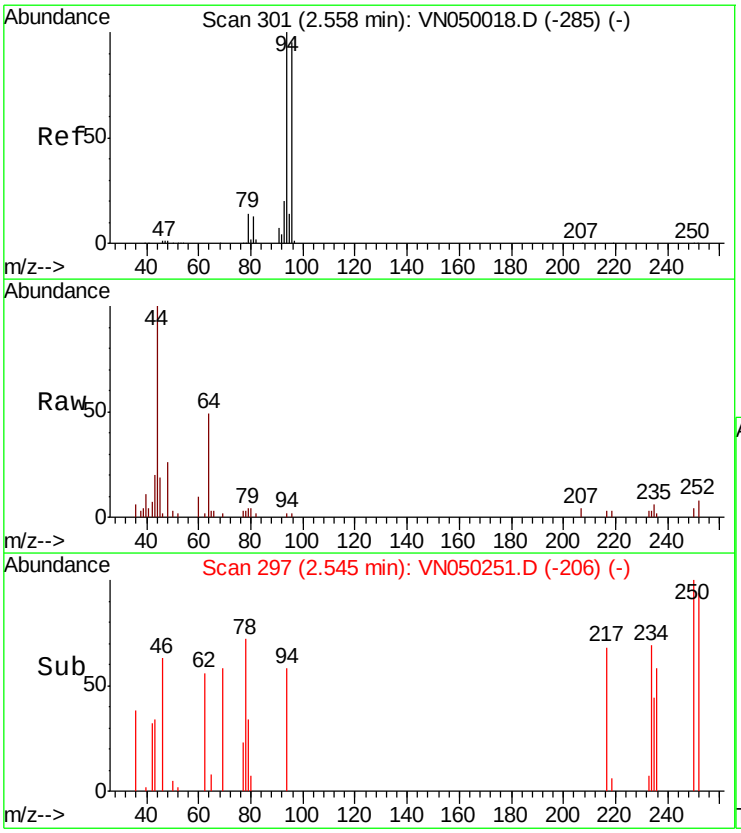
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion:168 Resp: 649902

Ion	Ratio	Lower	Upper
168	100		
99	52.0	40.0	60.0

Instrument :
MSVOA_N
ClientSampleId :

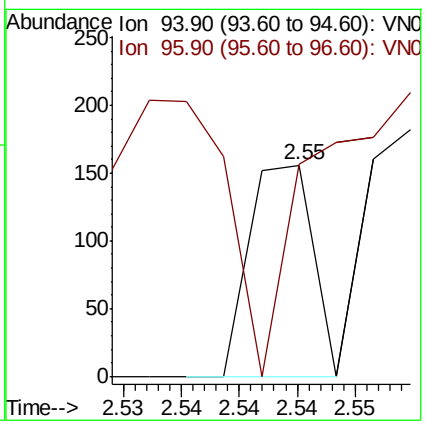


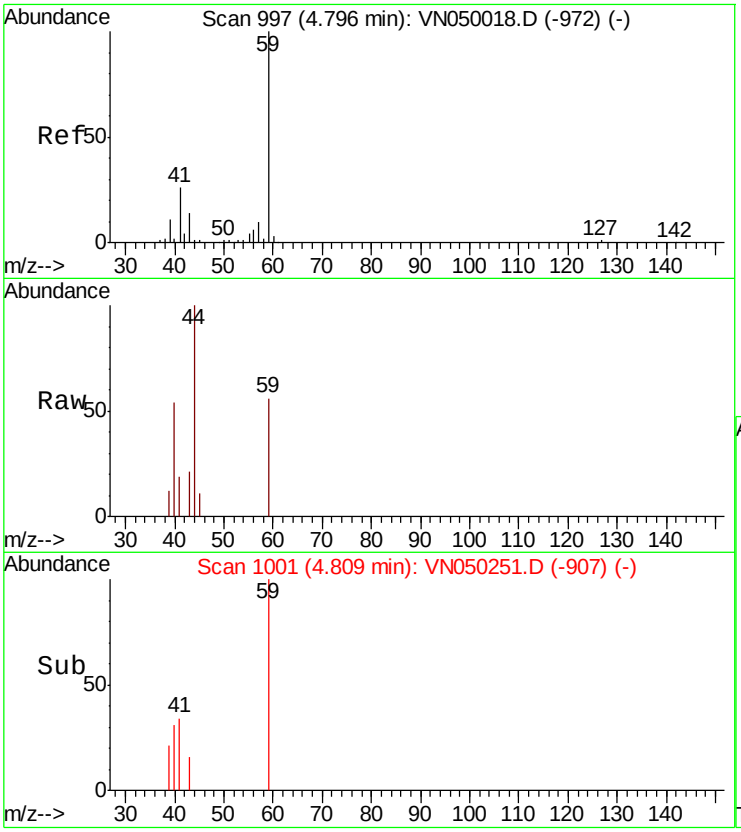


#5
Bromomethane
Concen: Below Cal
RT: 2.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 94 Resp: 59

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.6	112.0#



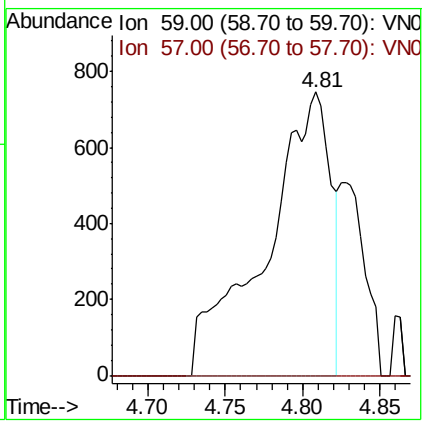


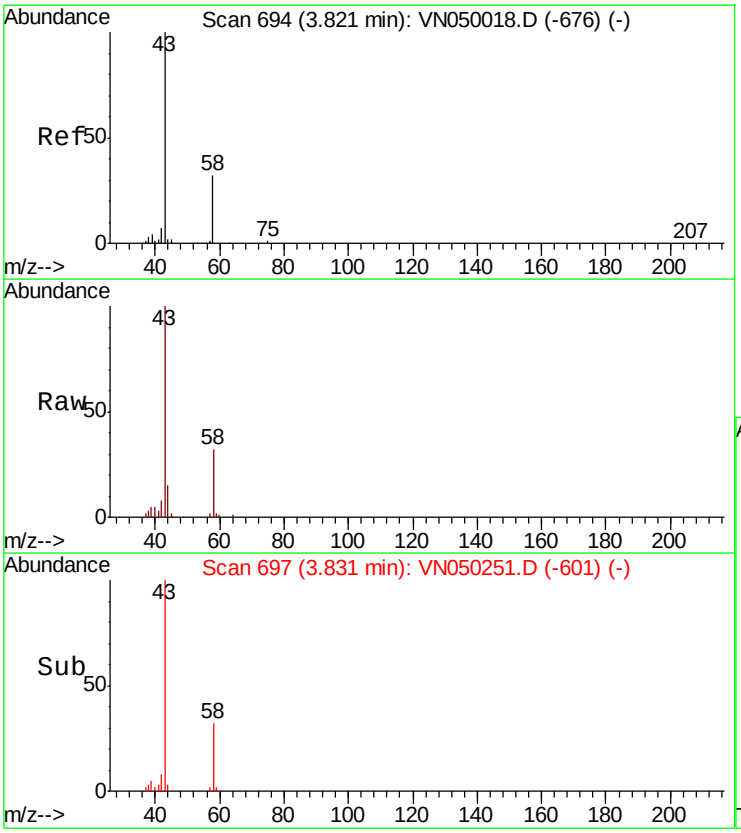
#11
Tert butyl alcohol
Concen: 3.26 ug/l
RT: 4.81 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 2173

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

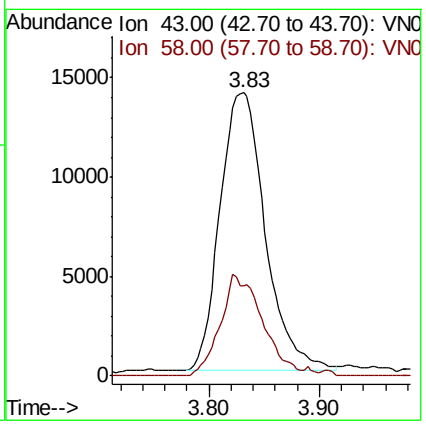


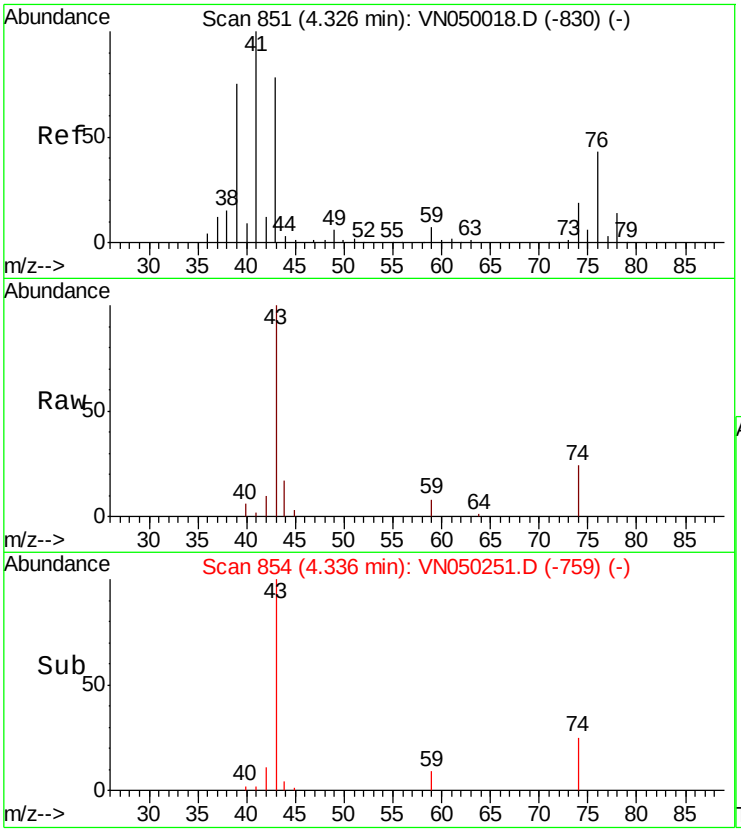


#16
Acetone
Concen: 14.53 ug/l
RT: 3.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 43 Resp: 39770

Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.8	38.8



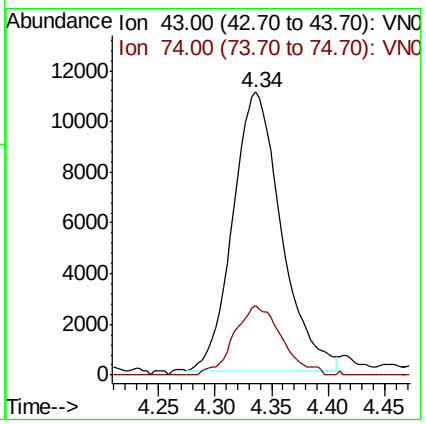


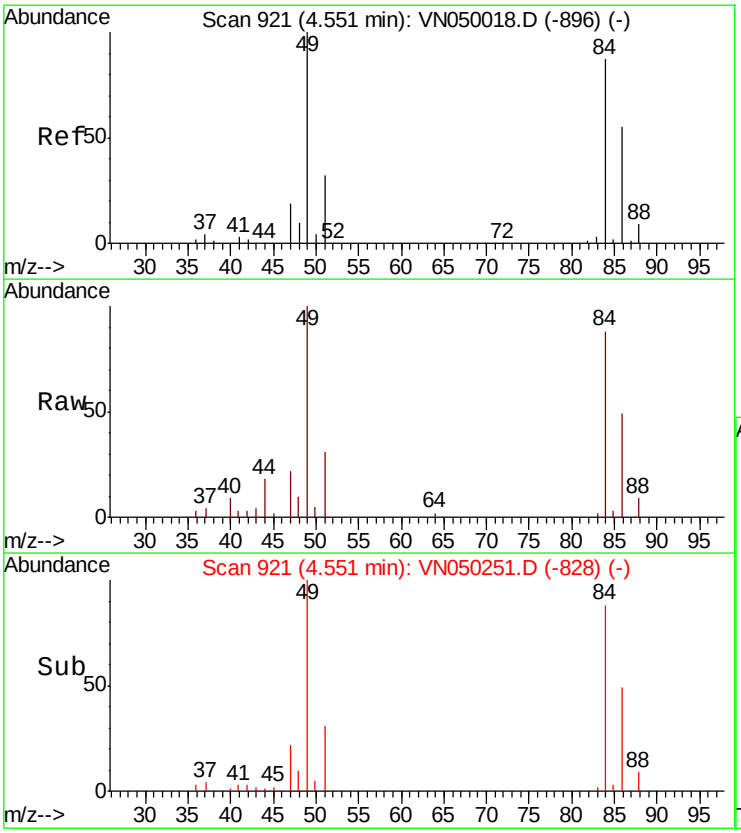
#18
Methyl Acetate
Concen: 2.38 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 32701

Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.2	28.8

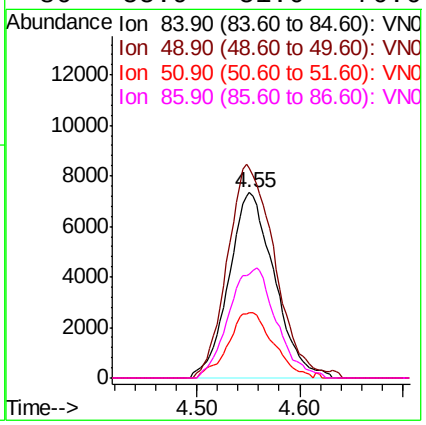


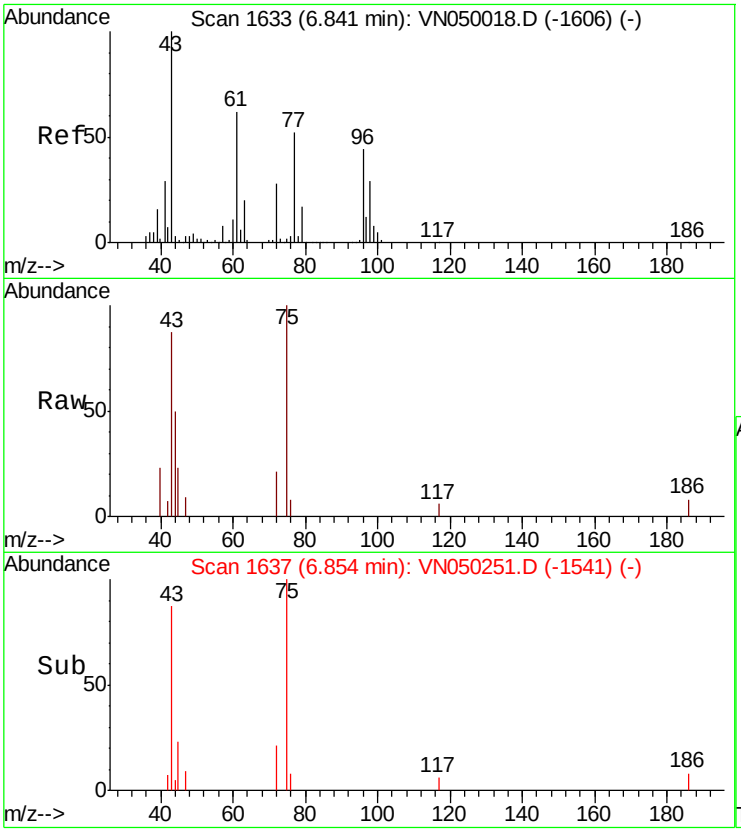


#20
Methylene Chloride
Concen: 1.60 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 84 Resp: 22592

Ion	Ratio	Lower	Upper
84	100		
49	113.5	94.8	142.2
51	35.1	28.3	42.5
86	55.9	51.0	76.6



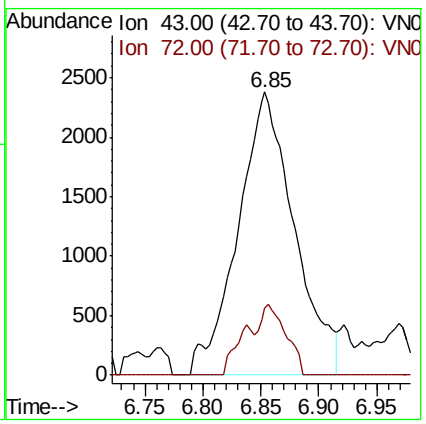


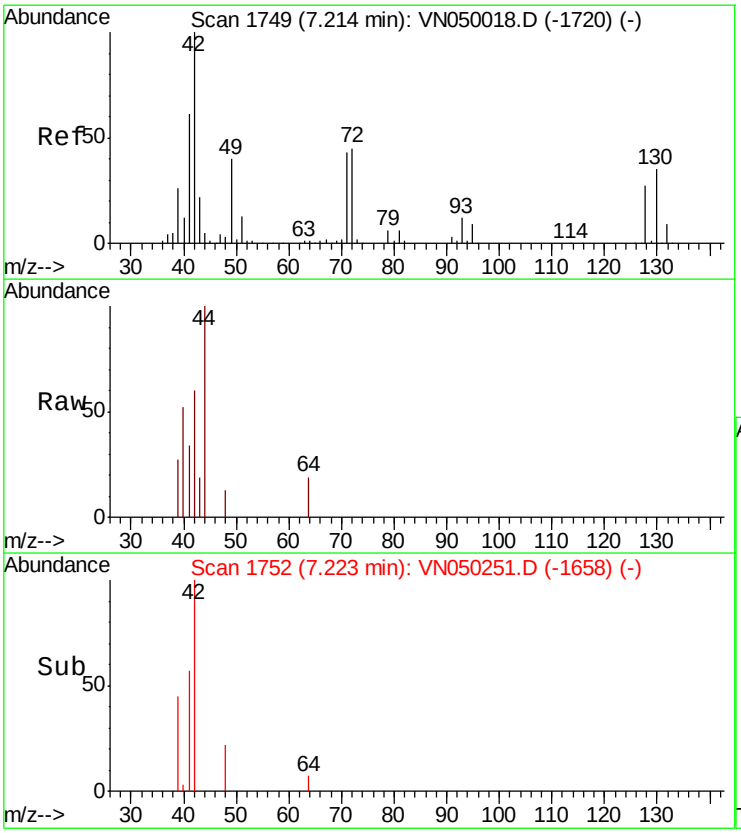
#25
2-Butanone
Concen: 2.32 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 8036

Ion	Ratio	Lower	Upper
43	100		
72	23.7	21.5	32.3

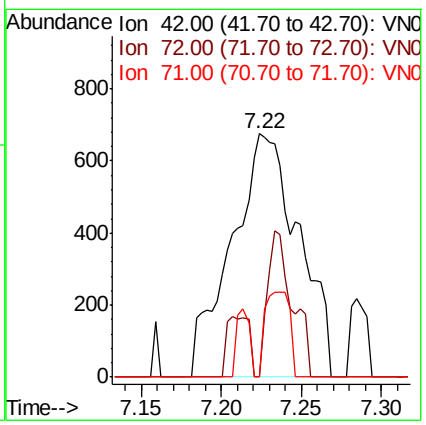


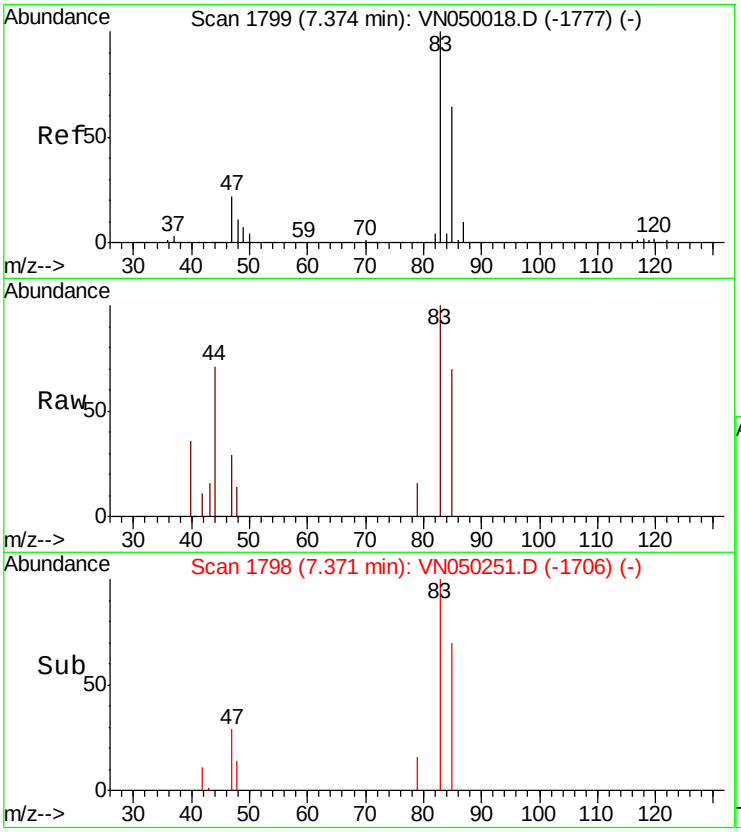


#29
Tetrahydrofuran
Concen: 0.88 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 42 Resp: 1962

Ion	Ratio	Lower	Upper
42	100		
72	22.4	35.9	53.9#
71	12.9	33.7	50.5#



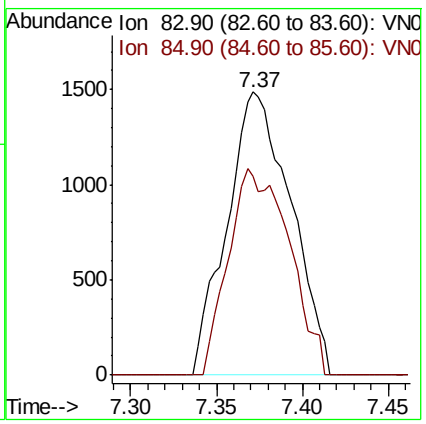


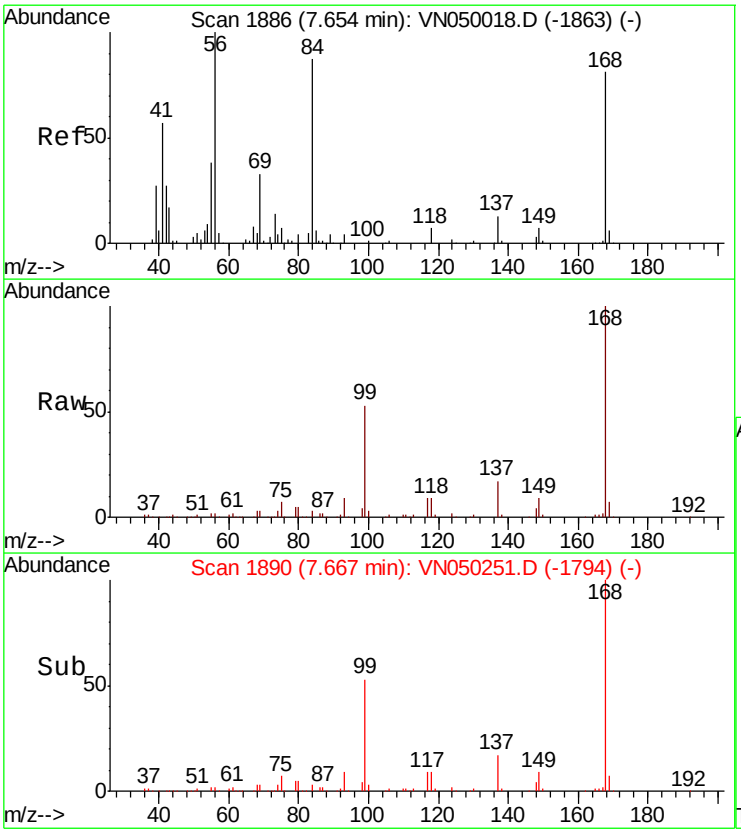
#30
Chloroform
Concen: 0.25 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 3834

Ion	Ratio	Lower	Upper
83	100		
85	70.1	52.5	78.7

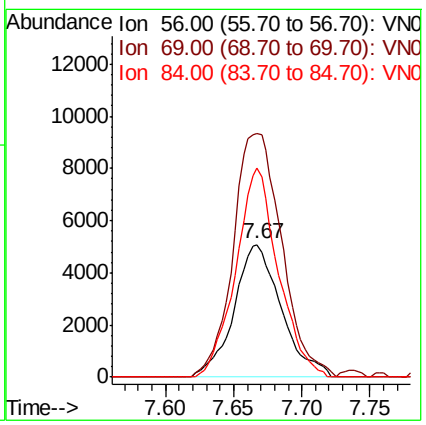


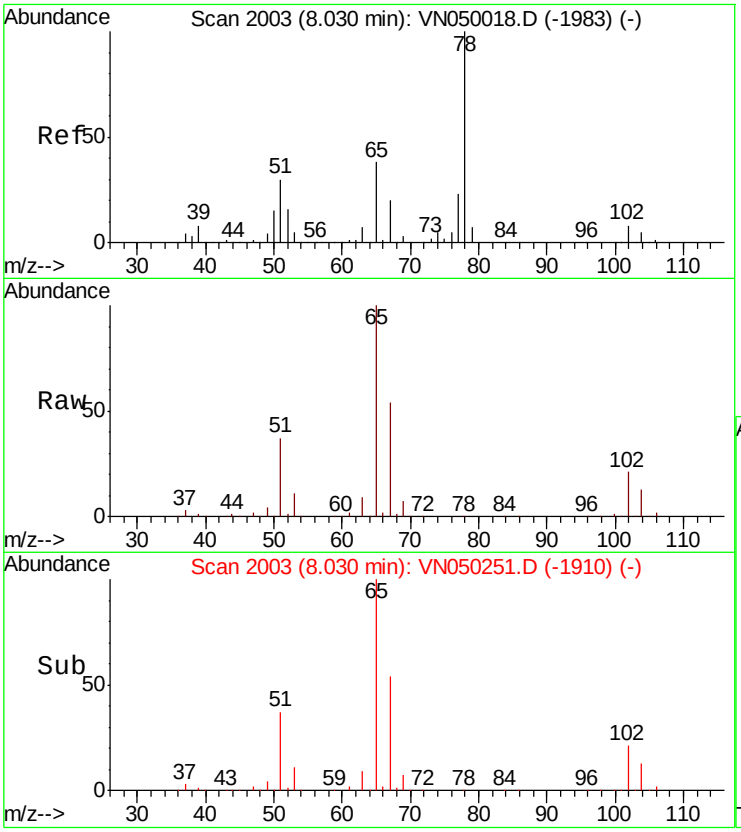


#31
Cyclohexane
Concen: 0.91 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 56 Resp: 12202

Ion	Ratio	Lower	Upper
56	100		
69	183.5	26.2	39.4#
84	157.3	67.4	101.0#



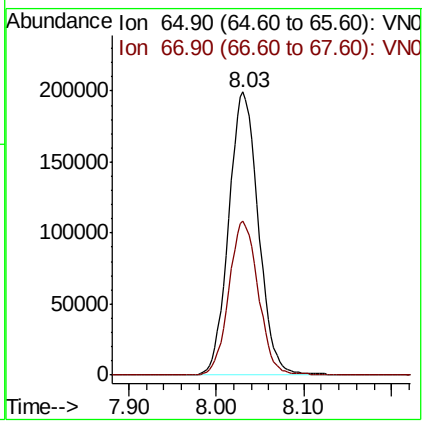


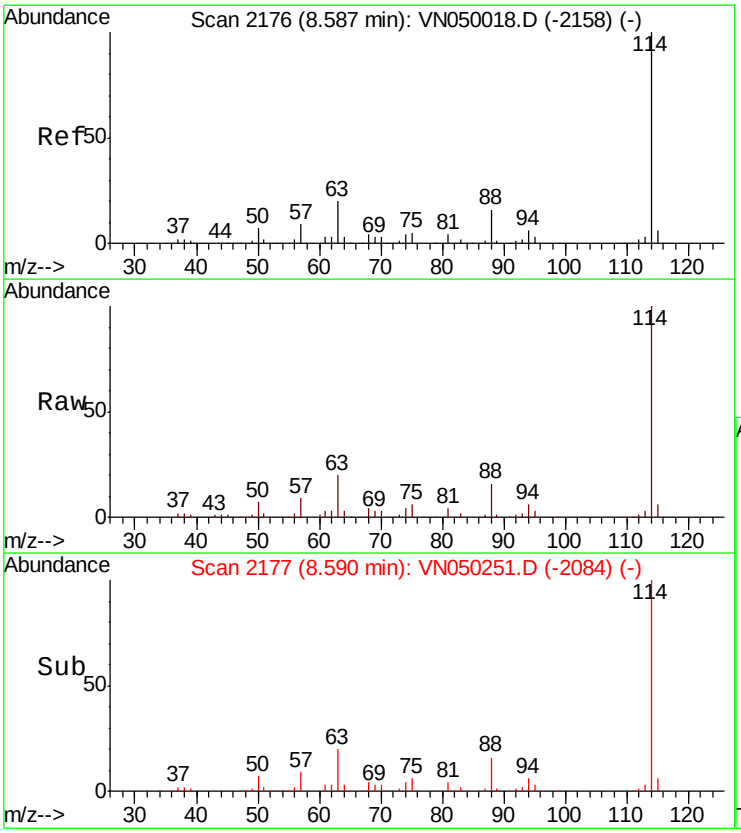
#33
1,2-Dichloroethane-d4
Concen: 51.79 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 469603

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	108.4

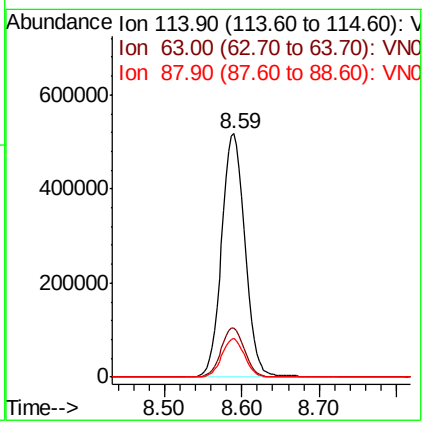


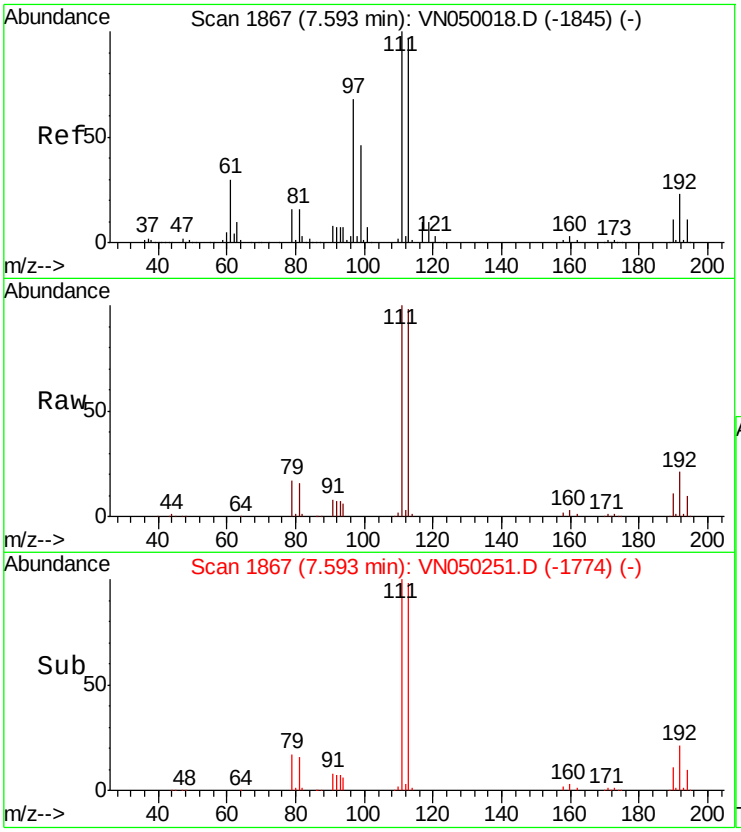


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion:114 Resp: 1085416

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.0
88	15.8	0.0	31.2



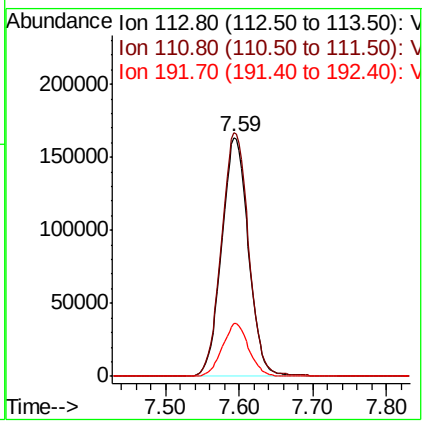


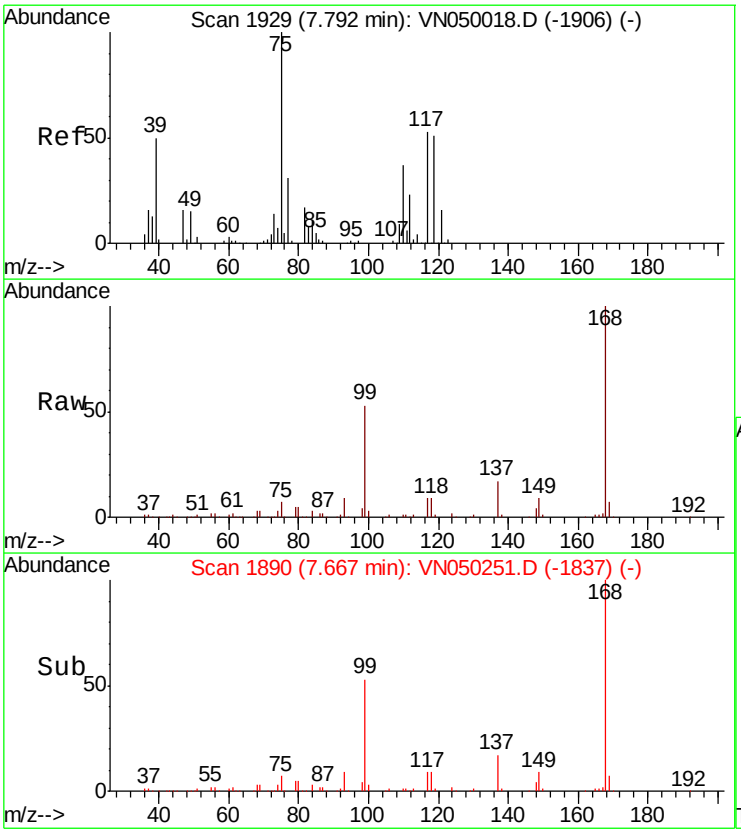
#35
Dibromofluoromethane
Concen: 46.65 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 413443

Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.7	121.1
192	21.8	17.8	26.6

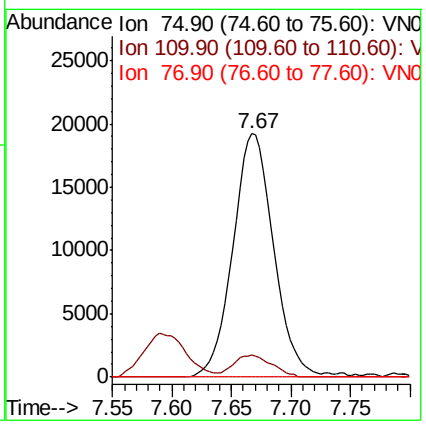


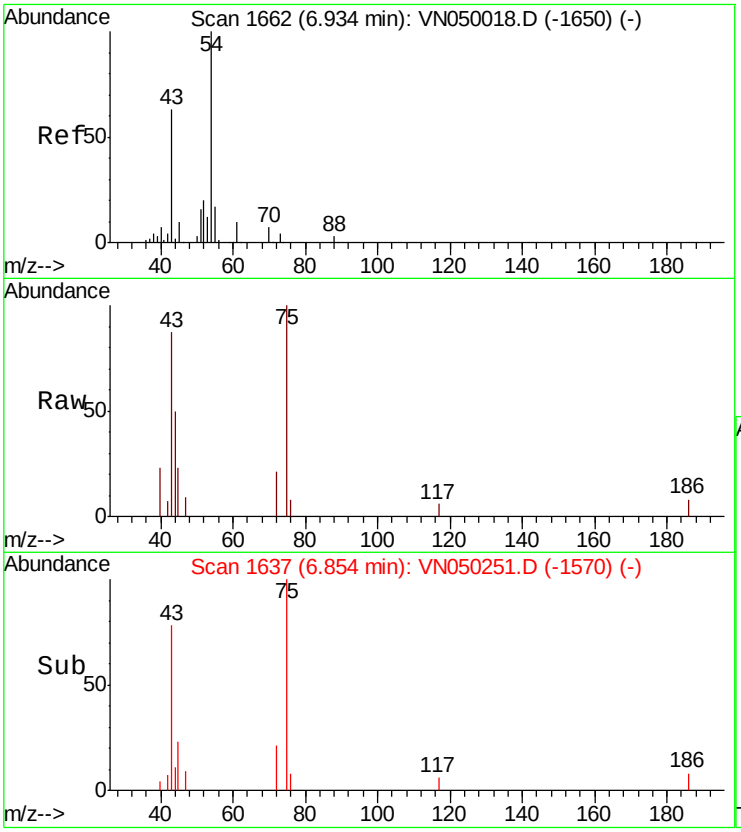


#36
1,1-Dichloropropene
Concen: 3.73 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 75 Resp: 45575

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.4	55.2#
77	0.0	25.3	37.9#



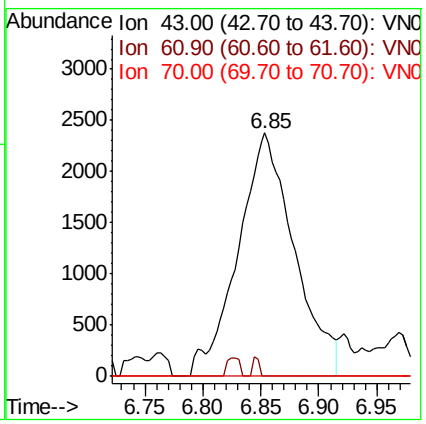


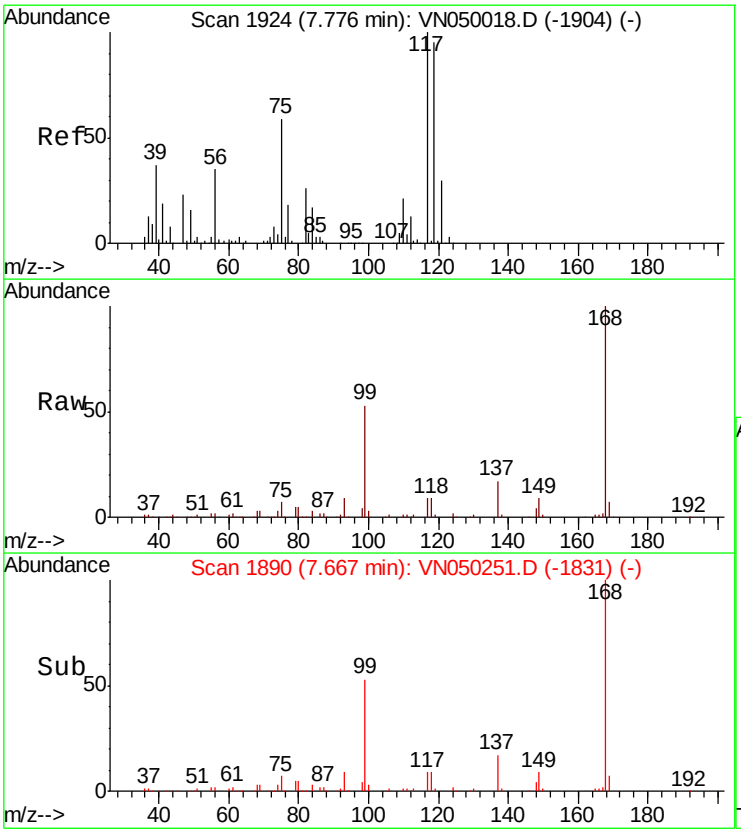
#37
Ethyl Acetate
Concen: 0.94 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. -0.08 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 8036

Ion	Ratio	Lower	Upper
43	100		
61	0.8	11.8	17.8#
70	0.0	8.4	12.6#

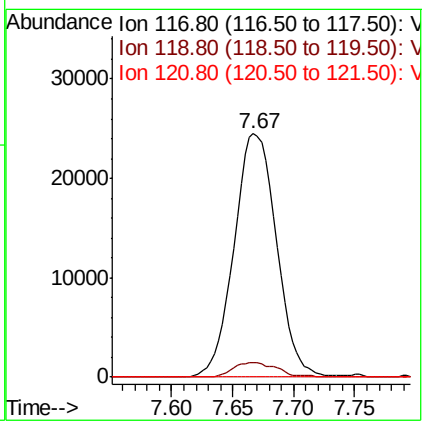


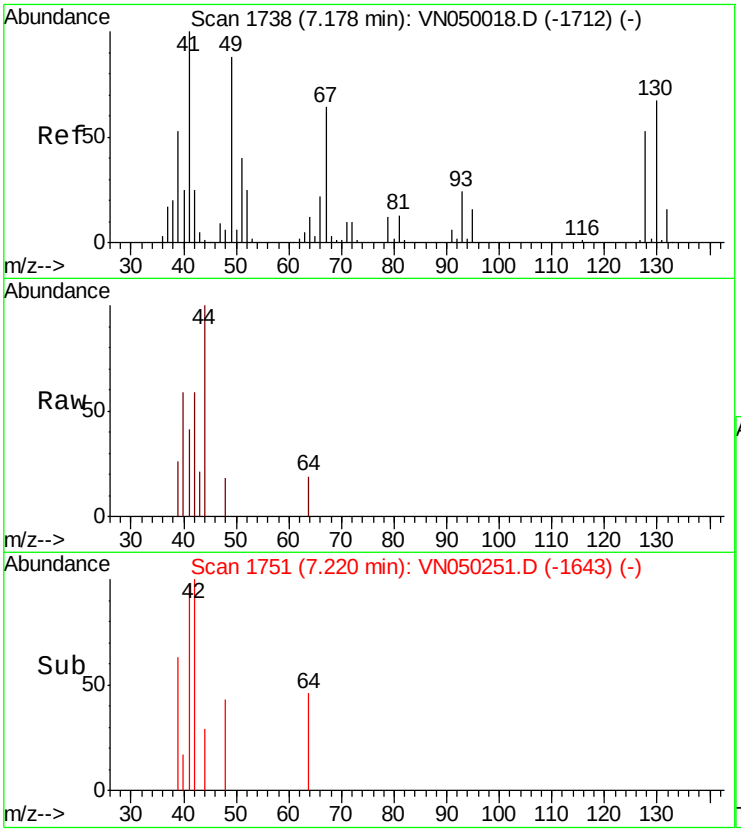


#38
Carbon Tetrachloride
Concen: 4.54 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion:117 Resp: 58930

Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.4	116.0#
121	0.0	23.9	35.9#



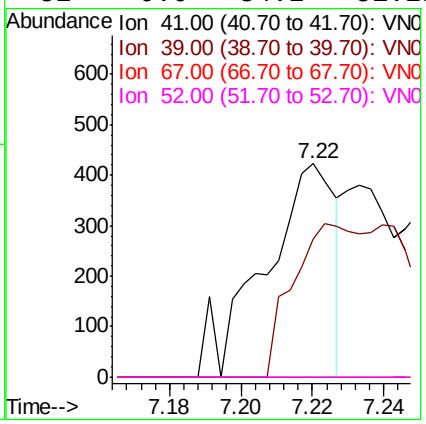


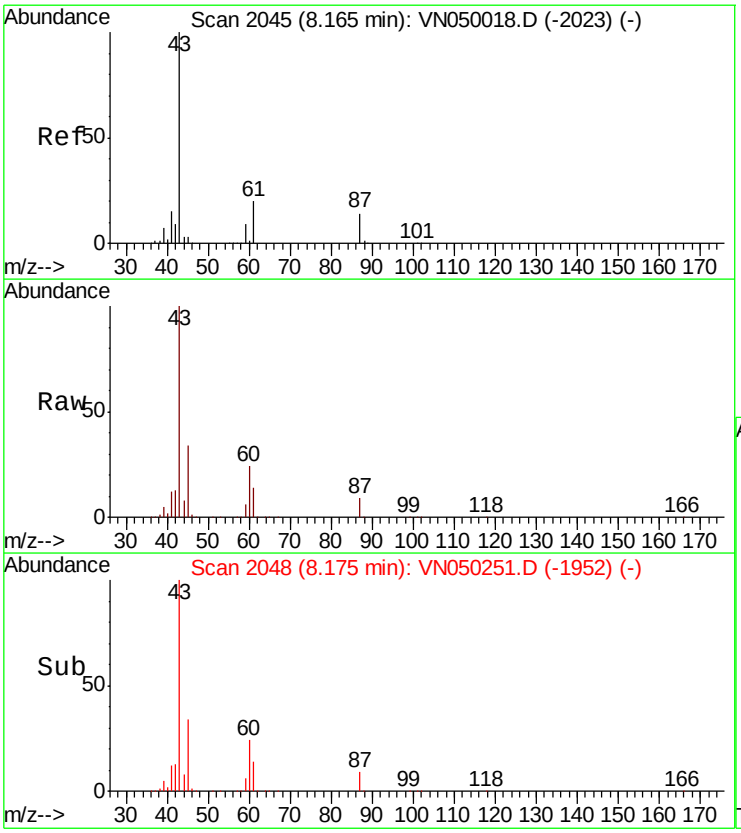
#41
Methacrylonitrile
Concen: 2.87 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.05 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 582

Ion	Ratio	Lower	Upper
41	100		
39	66.3	55.8	83.6
67	0.0	84.3	126.5#
52	0.0	34.2	51.2#

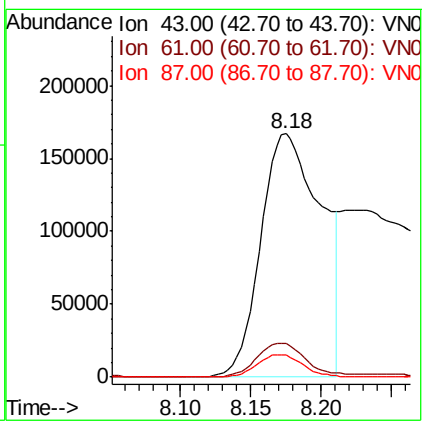


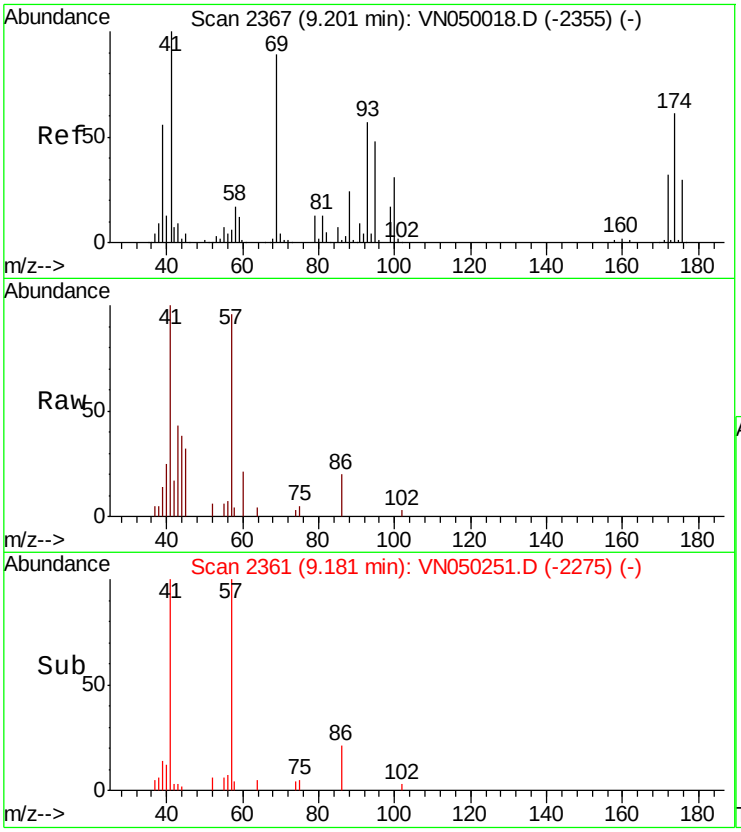


#43
Isopropyl Acetate
Concen: 30.59 ug/l
RT: 8.18 min Scan# 2048
Delta R.T. 0.01 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 43 Resp: 498520

Ion	Ratio	Lower	Upper
43	100		
61	11.4	15.8	23.6#
87	7.1	10.3	15.5#



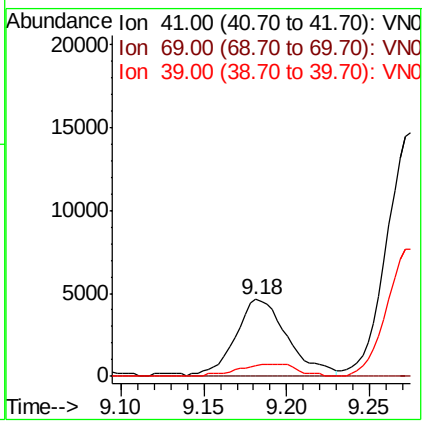


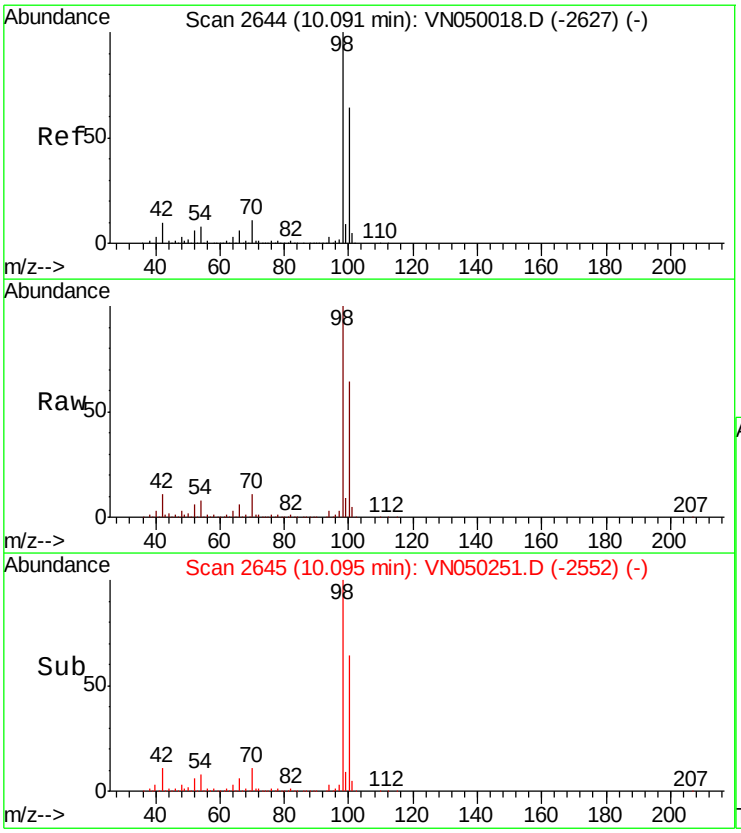
#48
Methyl methacrylate
Concen: 1.39 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 10212

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.6	105.8#
39	17.9	43.9	65.9#

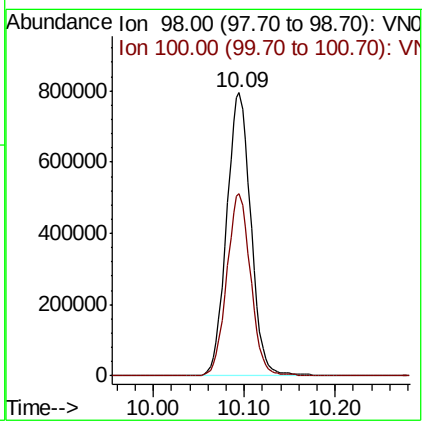


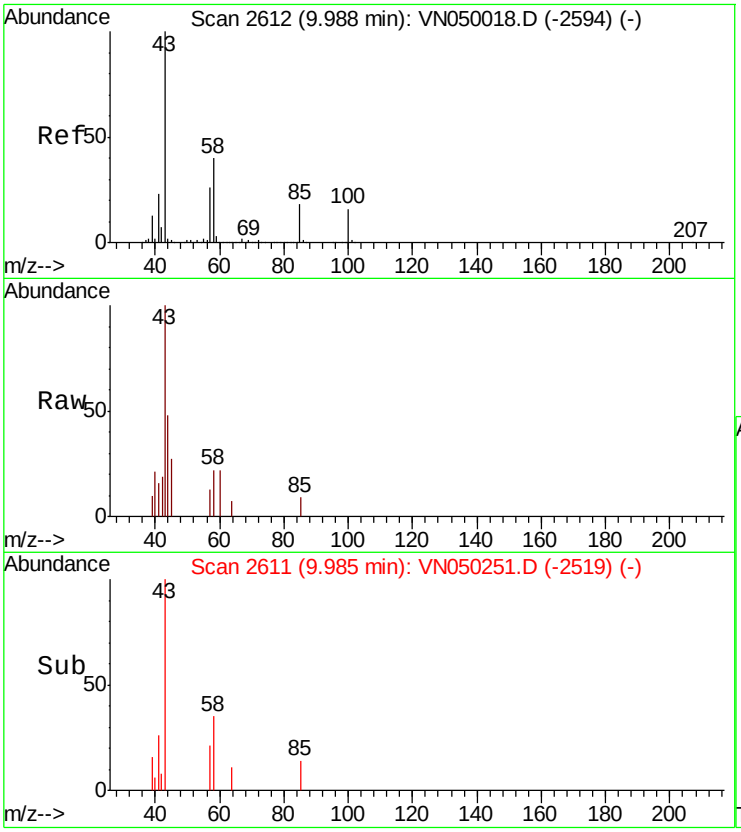


#50
Toluene-d8
Concen: 45.14 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 98 Resp: 1470857

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1



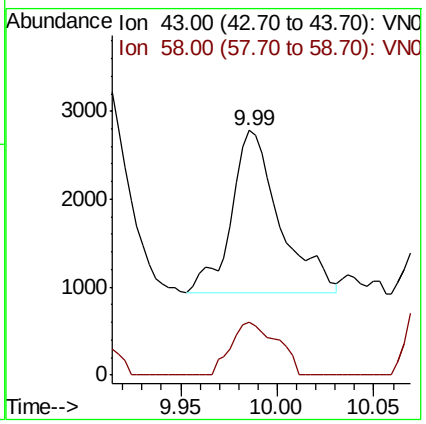


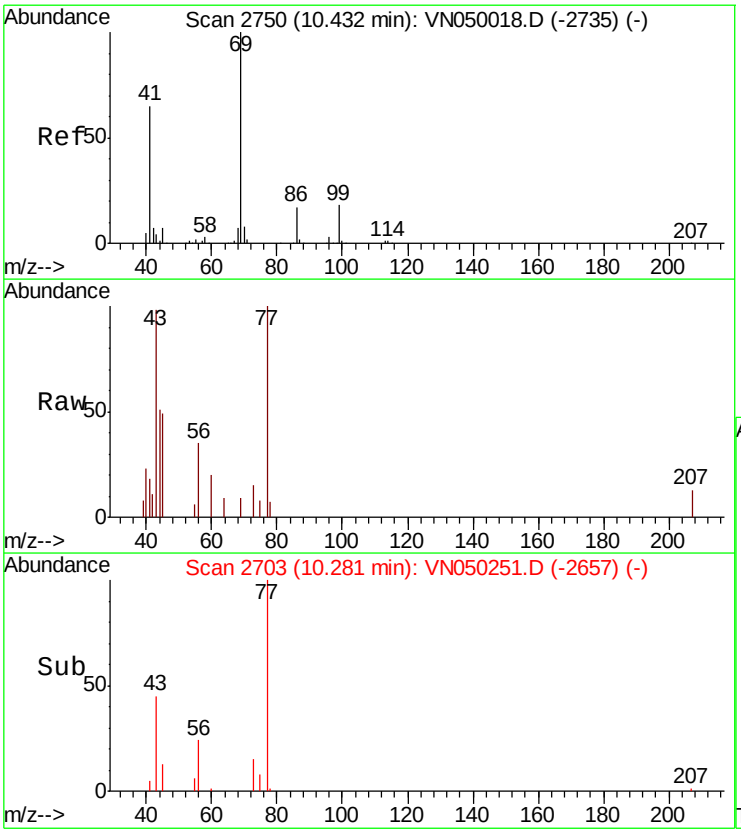
#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3250

Ion	Ratio	Lower	Upper
43	100		
58	30.5	31.9	47.9#

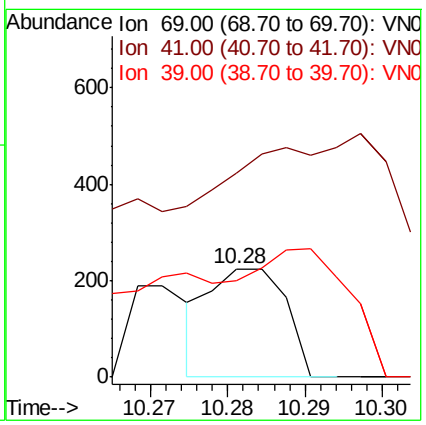


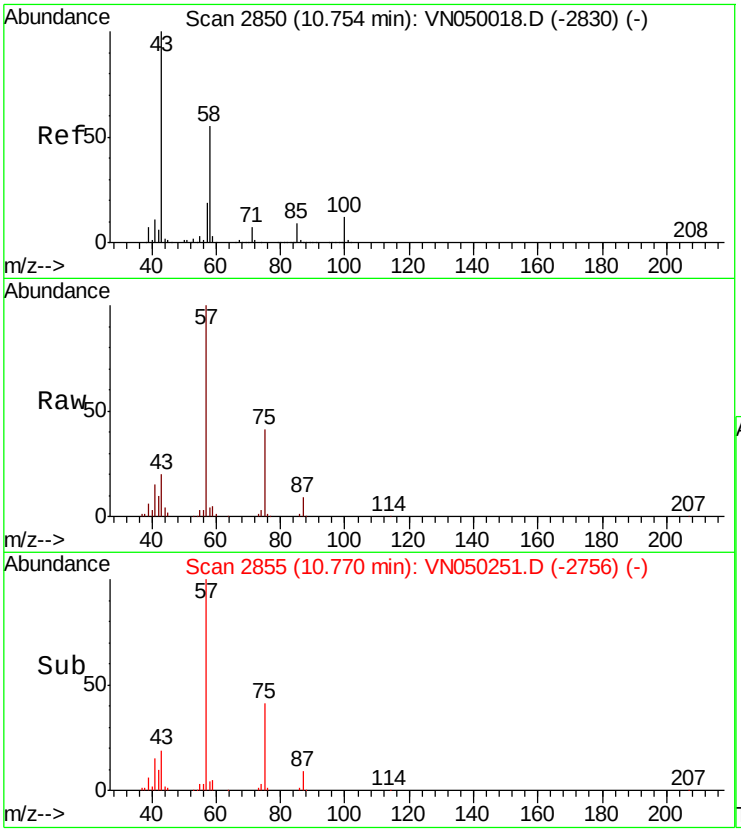


#56
Ethyl methacrylate
Concen: 2.04 ug/l
RT: 10.28 min Scan# 2703
Delta R.T. -0.15 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 69 Resp: 153

Ion	Ratio	Lower	Upper
69	100		
41	568.6	51.0	76.4#
39	140.5	26.6	40.0#



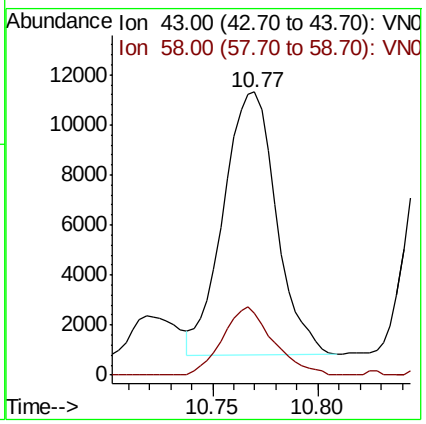


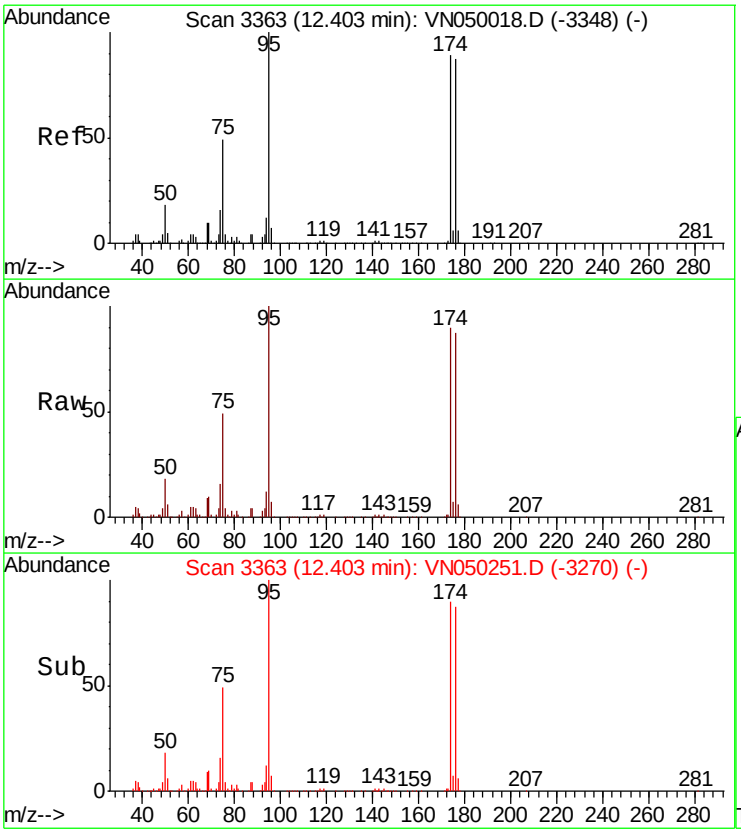
#59
2-Hexanone
Concen: 8.10 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 18370

Ion	Ratio	Lower	Upper
43	100		
58	24.6	27.6	82.7#

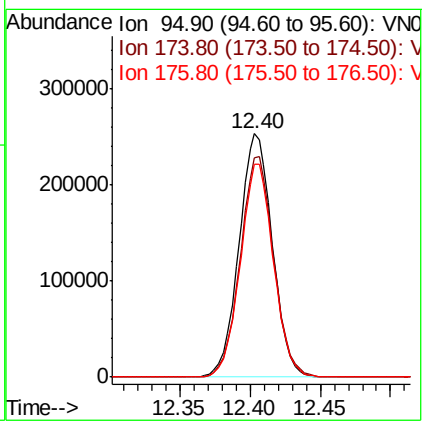


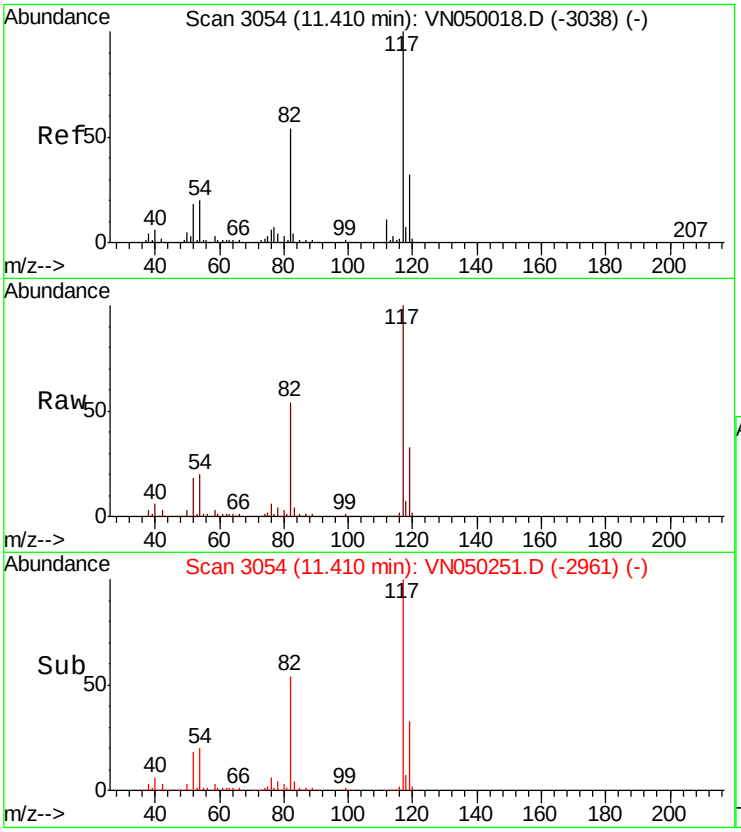


#62
4-Bromofluorobenzene
Concen: 38.99 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 95 Resp: 418268

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	178.2
176	87.3	0.0	173.4



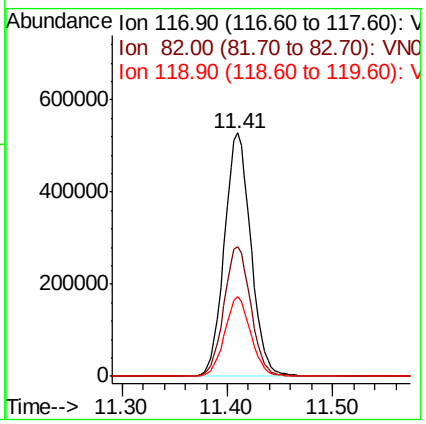


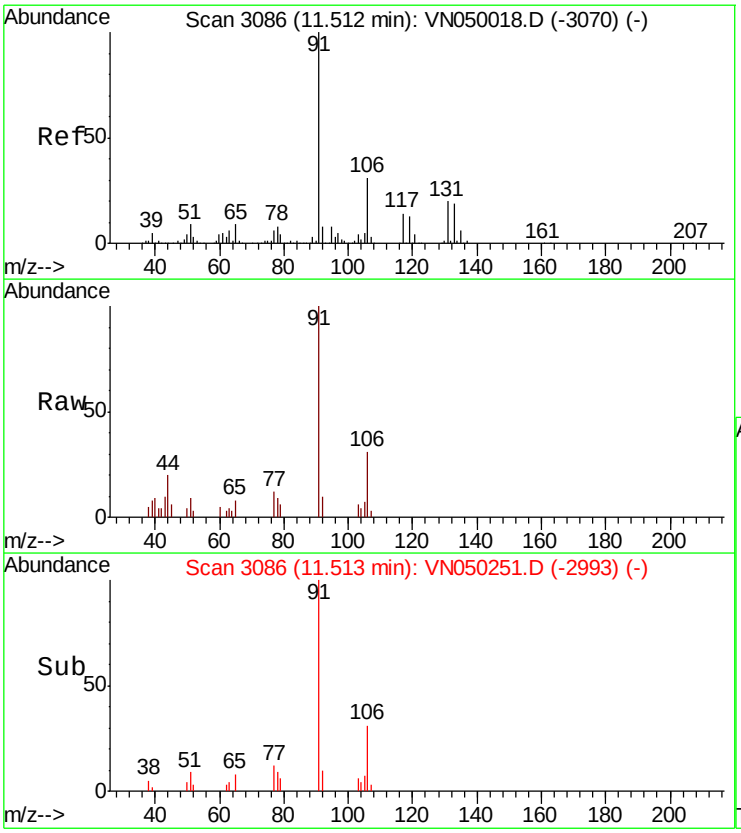
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 915221

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.7	65.5
119	32.6	26.1	39.1

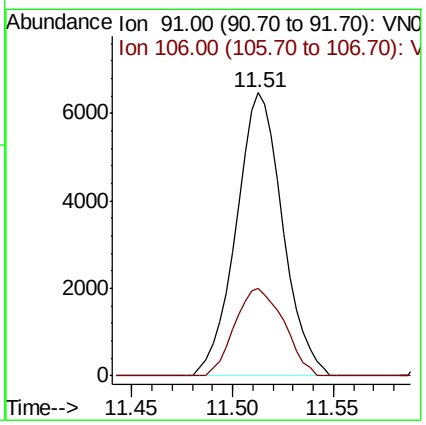


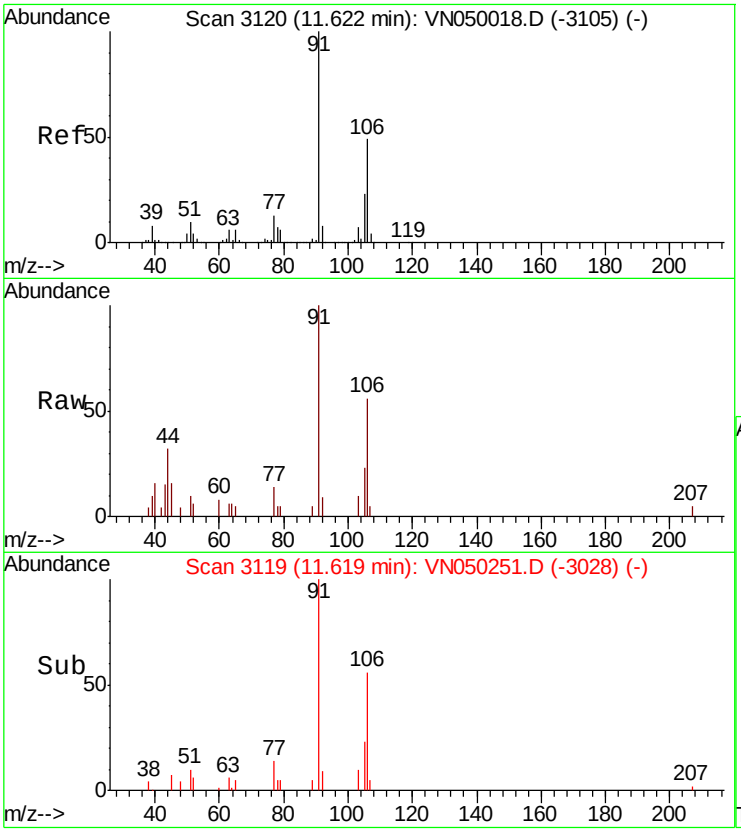


#67
Ethyl Benzene
Concen: 0.28 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 91 Resp: 10445

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.0	37.4



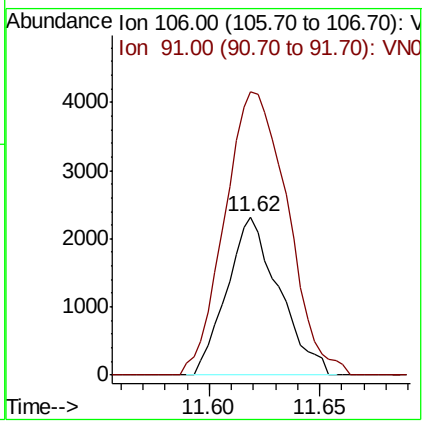


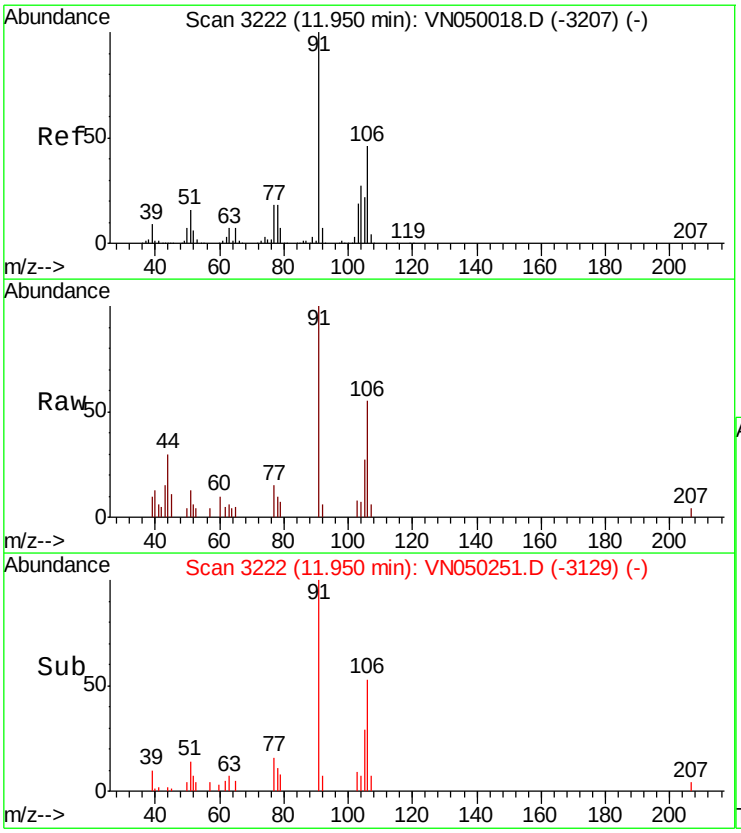
#68
m/p-Xylenes
Concen: 0.27 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 3793

Ion	Ratio	Lower	Upper
106	100		
91	215.7	162.2	243.2

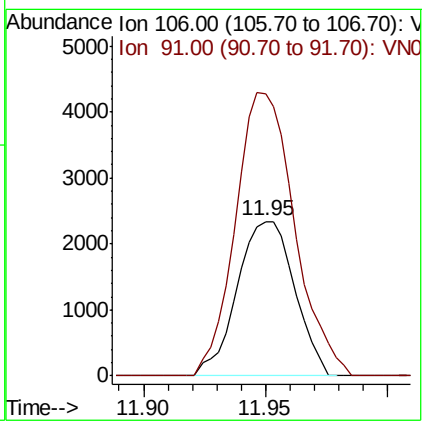


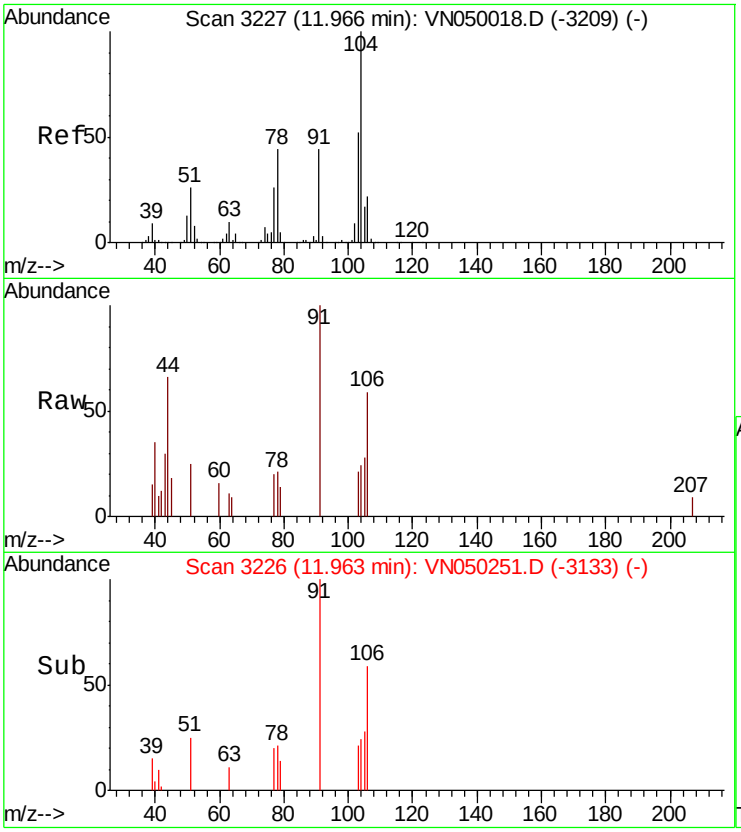


#69
o-Xylene
Concen: 0.29 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion:106 Resp: 3819

Ion	Ratio	Lower	Upper
106	100		
91	189.1	107.7	323.1



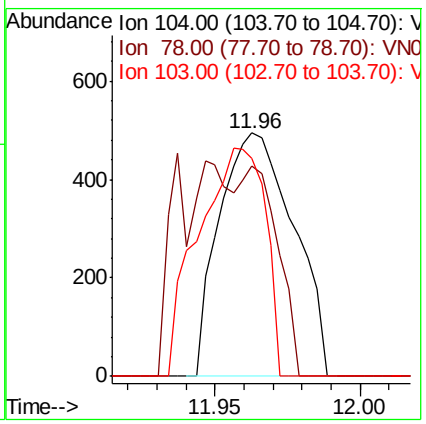


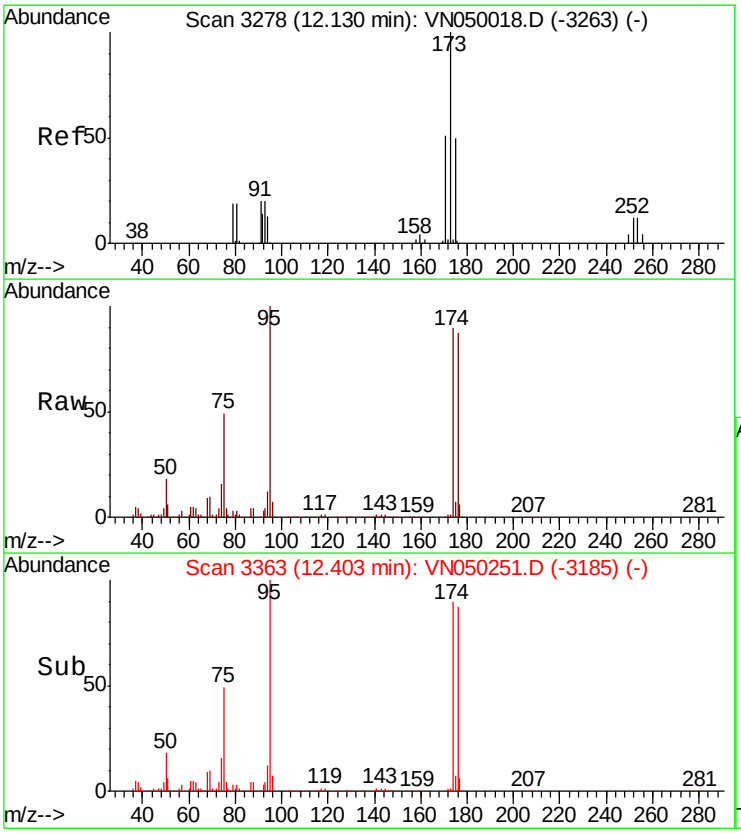
#70
Stvrene
Concen: 0.96 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:104 Resp: 881

Ion	Ratio	Lower	Upper
104	100		
78	20.1	39.3	58.9#
103	83.9	45.0	67.6#

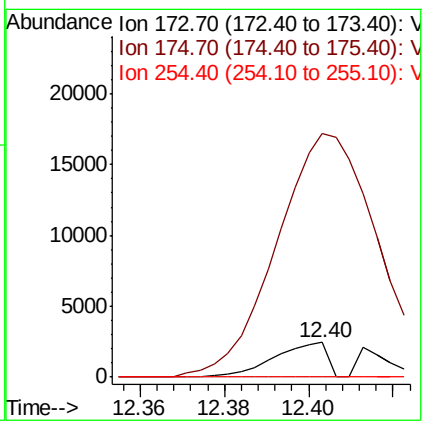


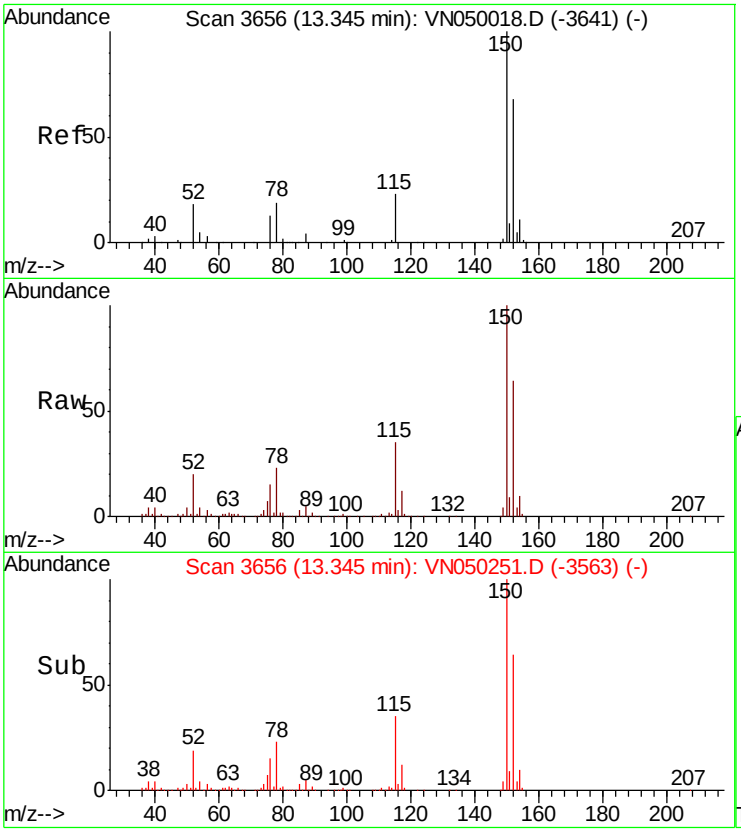


#71
Bromoform
Concen: 0.33 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion:173 Resp: 2148

Ion	Ratio	Lower	Upper
173	100		
175	1176.0	24.1	72.2#
254	0.0	0.2	0.2#



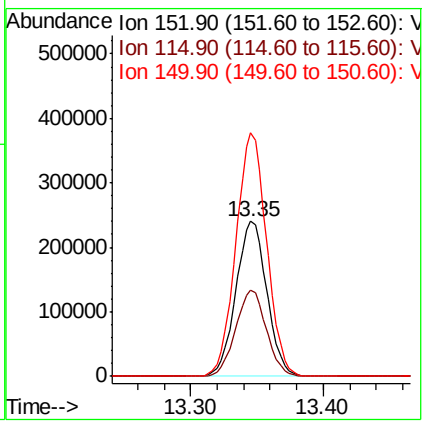


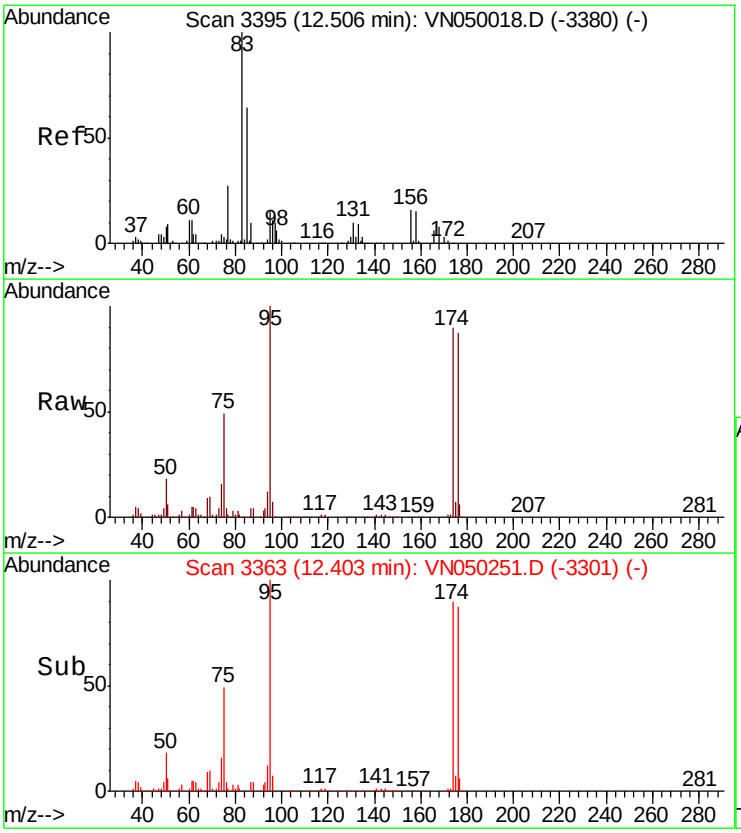
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 387379

Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.8	83.3
150	156.7	0.0	348.6

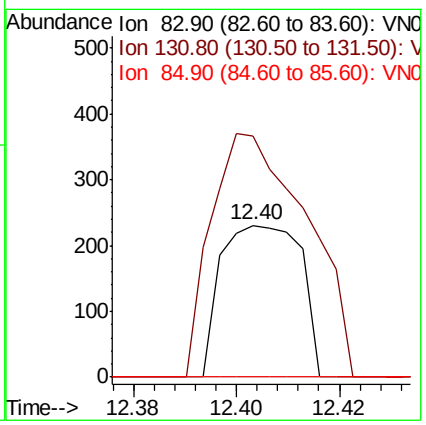


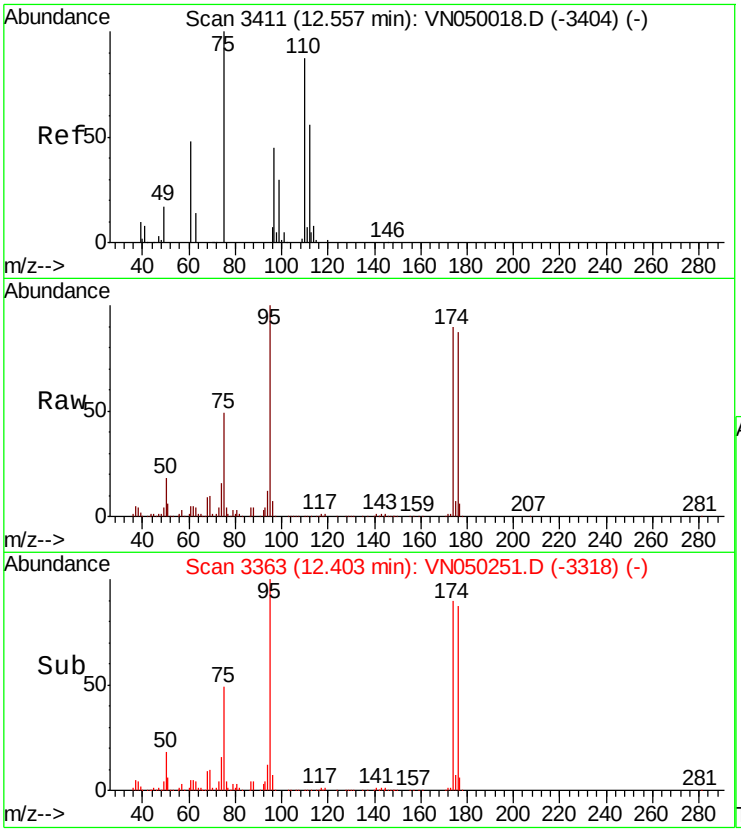


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.40 min Scan# 3363
Delta R.T. -0.10 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 83 Resp: 246

Ion	Ratio	Lower	Upper
83	100		
131	192.7	5.1	15.3#
85	0.0	32.3	96.8#



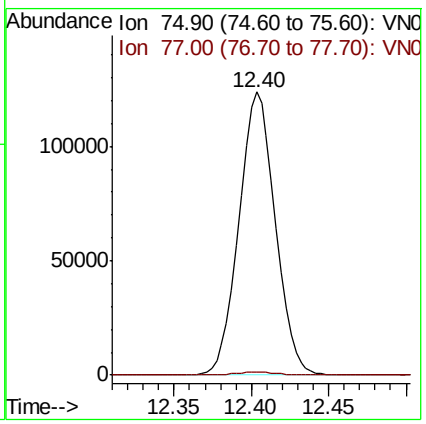


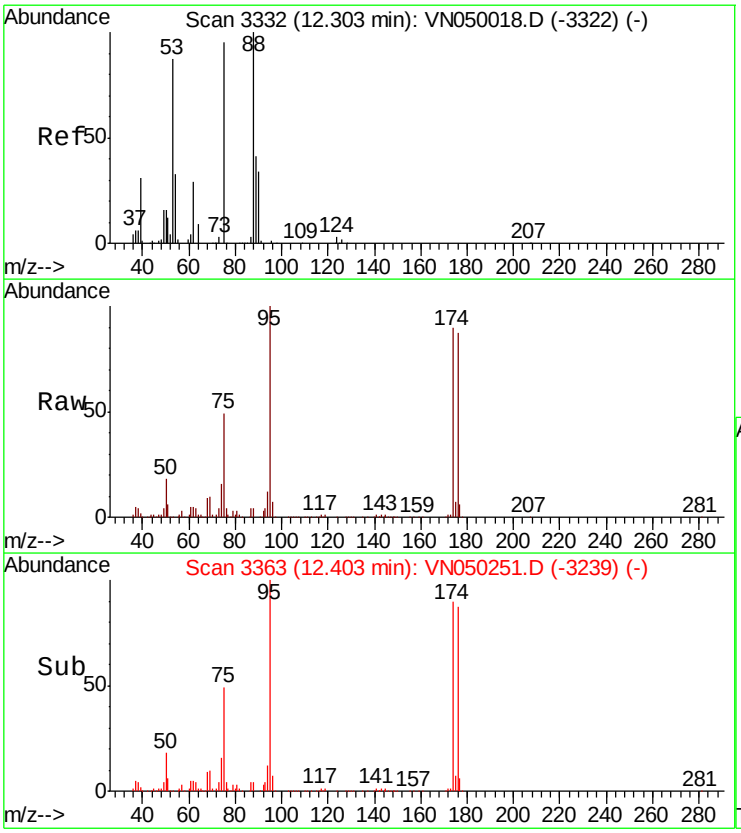
#76
1,2,3-Trichloropropane
Concen: 28.12 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 202474

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

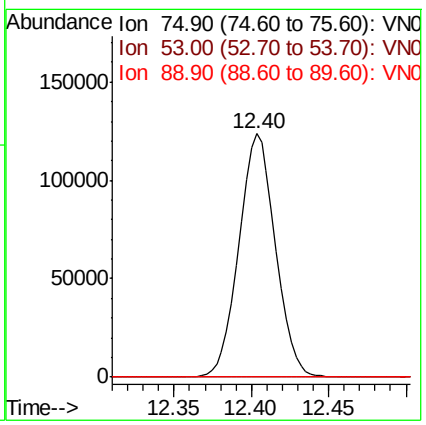


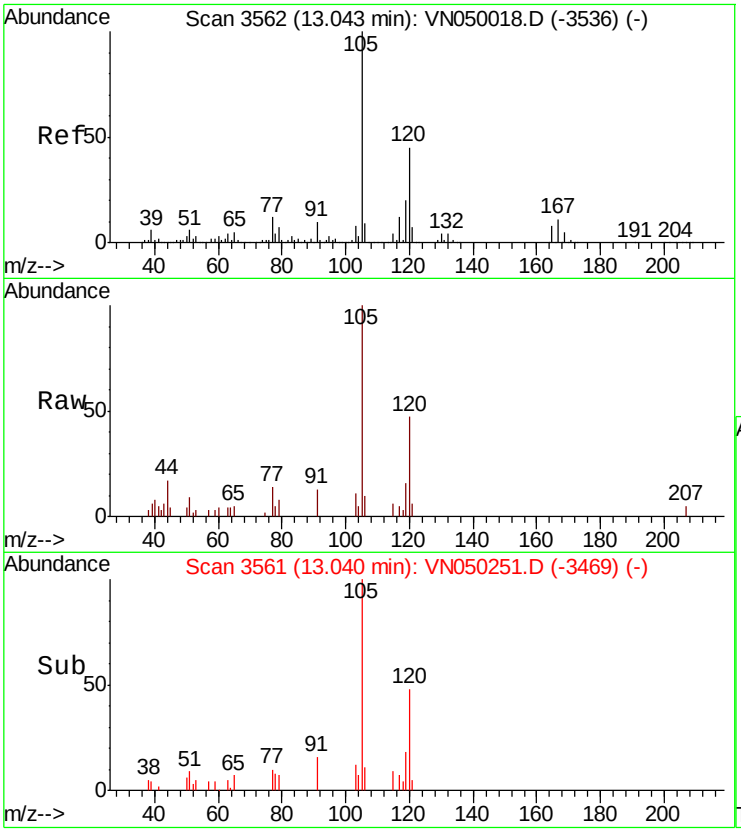


#81
trans-1,4-Dichloro-2-butene
Concen: 89.21 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion: 75 Resp: 202474

Ion	Ratio	Lower	Upper
75	100		
53	0.3	73.5	110.3#
89	0.0	36.0	54.0#



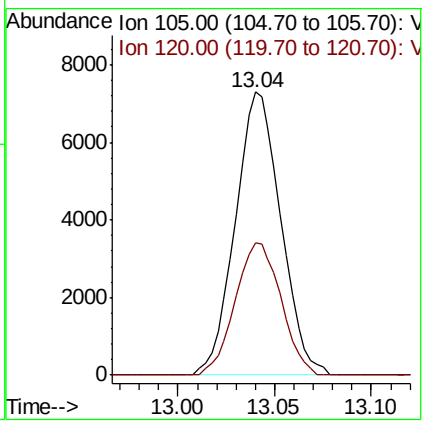


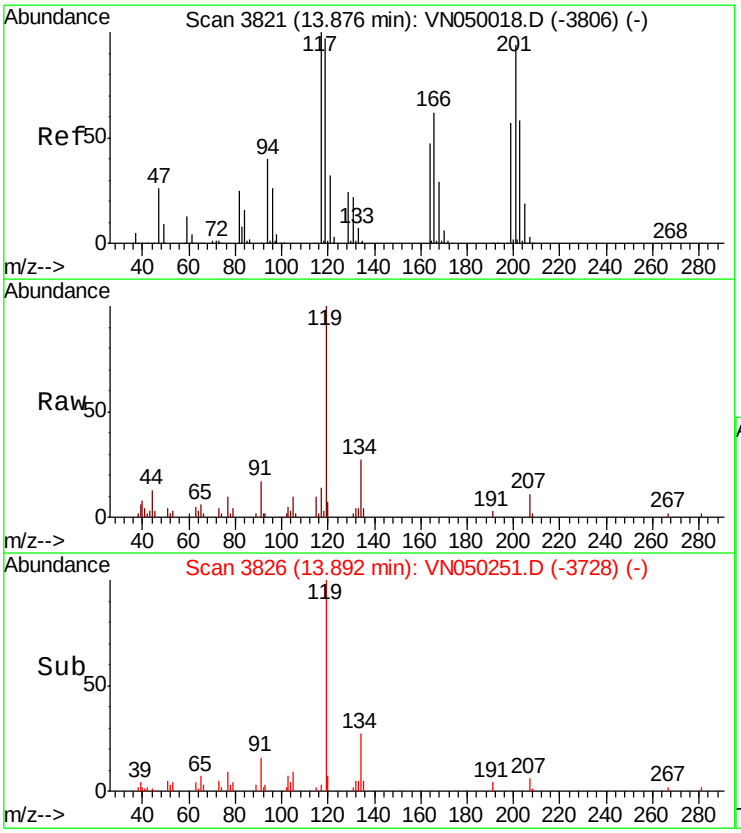
#84
1,2,4-Trimethylbenzene
Concen: 0.50 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. -0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 11925

Ion	Ratio	Lower	Upper
105	100		
120	47.0	22.9	68.7

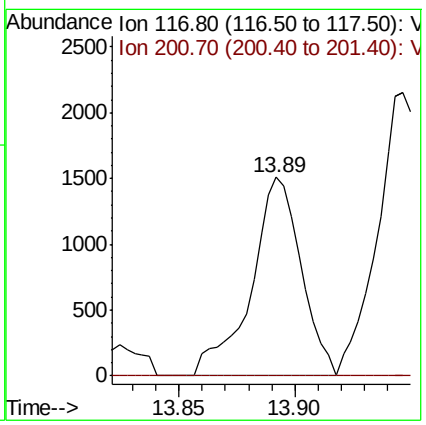


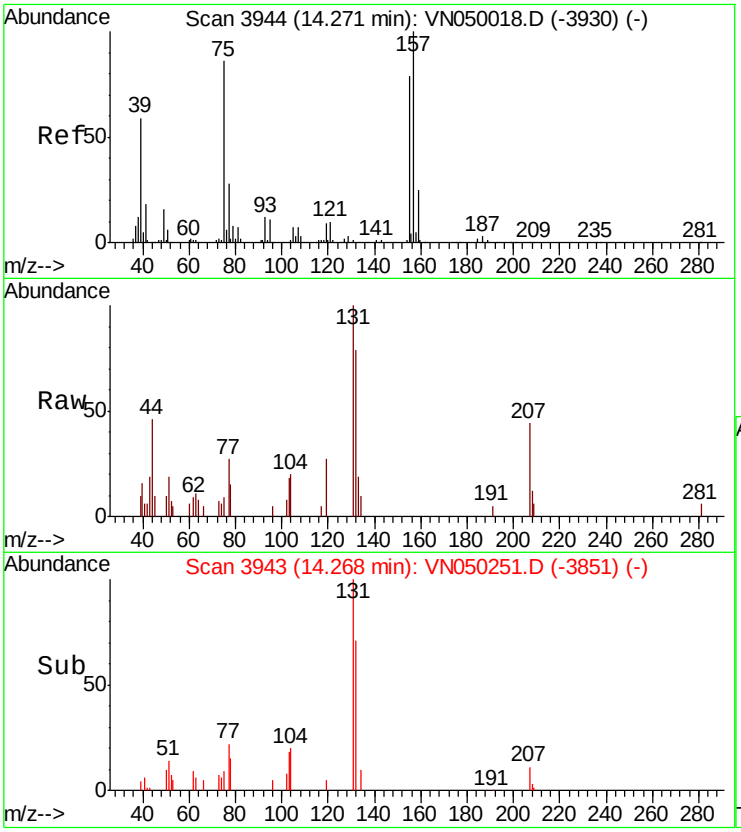


#90
Hexachloroethane
Concen: 0.44 ug/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion:117 Resp: 2267

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.6	136.8#



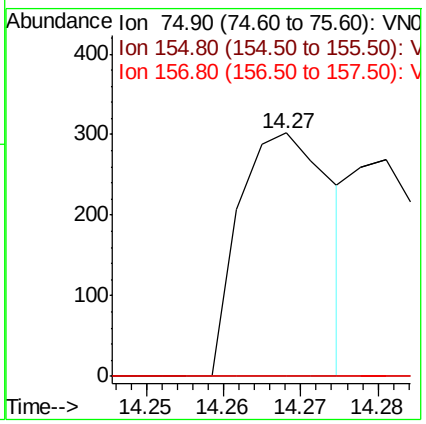


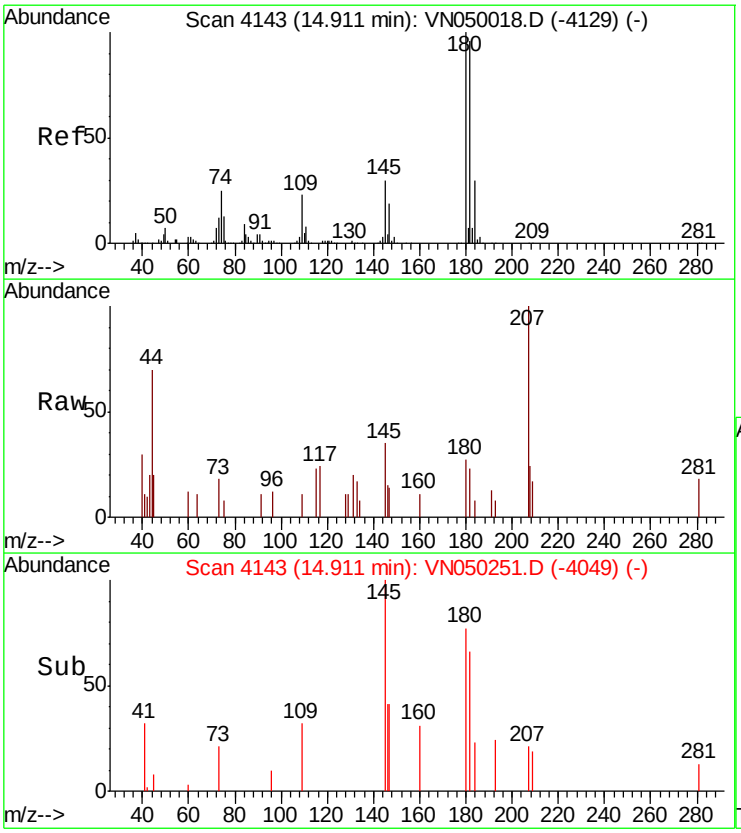
#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.27 min Scan# 3943
Delta R.T. -0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 251

Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.8	134.4#
157	0.0	57.2	171.6#

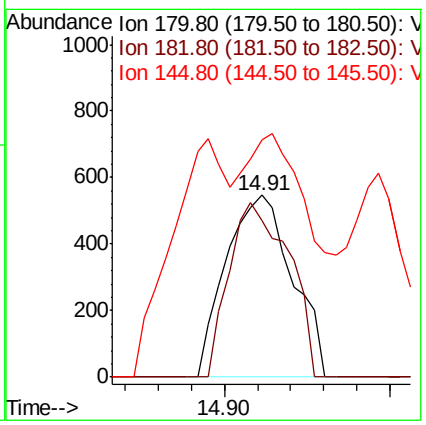


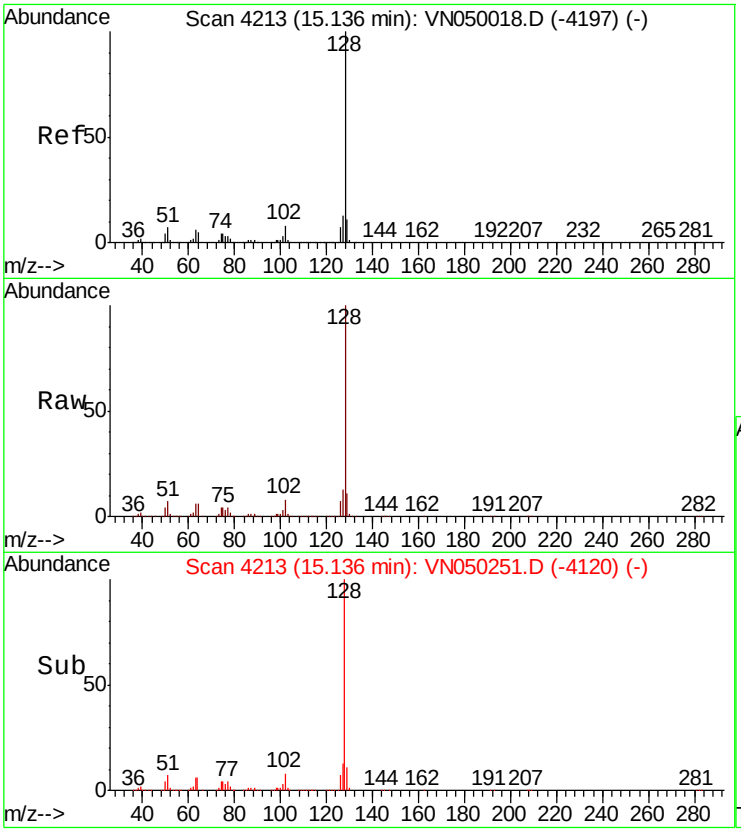


#93
1,2,4-Trichlorobenzene
Concen: 3.18 ug/l
RT: 14.91 min Scan# 4143
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion:180 Resp: 761

Ion	Ratio	Lower	Upper
180	100		
182	86.5	46.7	140.1
145	112.1	13.8	41.4#



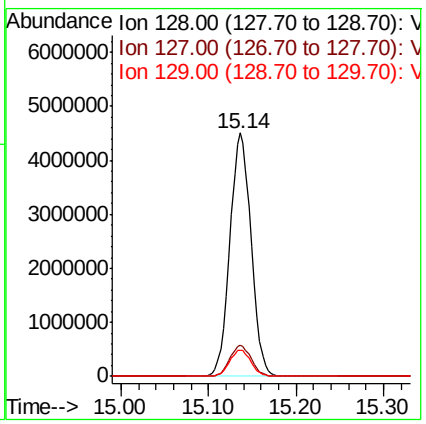


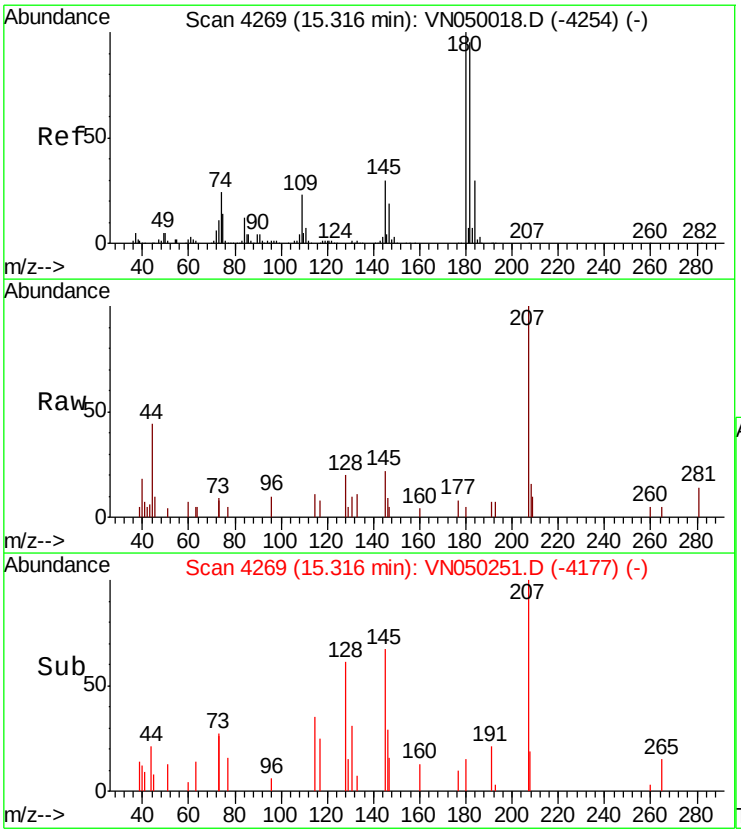
#95
Naphthalene
Concen: 392.70 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 7534643

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 2.21 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050251.D
Acq: 1 Aug 2018 16:00

Tgt Ion:180 Resp: 66

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.4#
145	0.0	15.3	45.9#