Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
Data File : VX005575.D
Acq On : 25 Oct 2018 07:10
Operator : JC/MD
Sample : J4771-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : NB-08-102318

Quant Time: Oct 25 08:06:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	205405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	131929	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.24%			
35) Dibromofluoromethane	5.50	113	103524	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.44%			
50) Toluene-d8	8.71	98	388015	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.60%			
62) 4-Bromofluorobenzene	11.14	95	128114	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.96%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1231	0.477	ug/l #	88
5) Bromomethane	1.65	94	556	0.352	ug/l	92
10) Methyl Iodide	2.51	142	23	2.736	ug/l #	41
11) Tert butyl alcohol	3.03	59	2827	4.190	ug/l #	78
13) Acrolein	2.29	56	162	0.471	ug/l #	1
14) Allyl chloride	2.84	41	1314442	305.457	ug/l #	28
16) Acetone	2.45	43	8977	6.775	ug/l	96
18) Methyl Acetate	2.79	43	6004	0.384	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	494	0.235	ug/l	88
25) 2-Butanone	4.71	43	2519	1.249	ug/l	93
28) Bromochloromethane	5.04	49	2669	1.351	ug/l #	88
29) Tetrahydrofuran	5.16	42	920	0.701	ug/l #	81
31) Cyclohexane	5.67	56	4212	1.246	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	14931	4.853	ug/l #	50
38) Carbon Tetrachloride	5.67	117	19721	6.086	ug/l #	15
43) Isopropyl Acetate	6.46	43	139557	23.721	ug/l	93
48) Methyl methacrylate	7.68	41	5748	2.005	ug/l #	21
51) 4-Methyl-2-Pentanone	8.62	43	2781	0.703	ug/l #	45
54) cis-1,3-Dichloropropene	8.62	75	739	0.214	ug/l #	74
59) 2-Hexanone	9.54	43	7838	2.514	ug/l #	56
76) 1,2,3-Trichloropropane	11.14	75	65123	23.122	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	65123	72.632	ug/l #	10

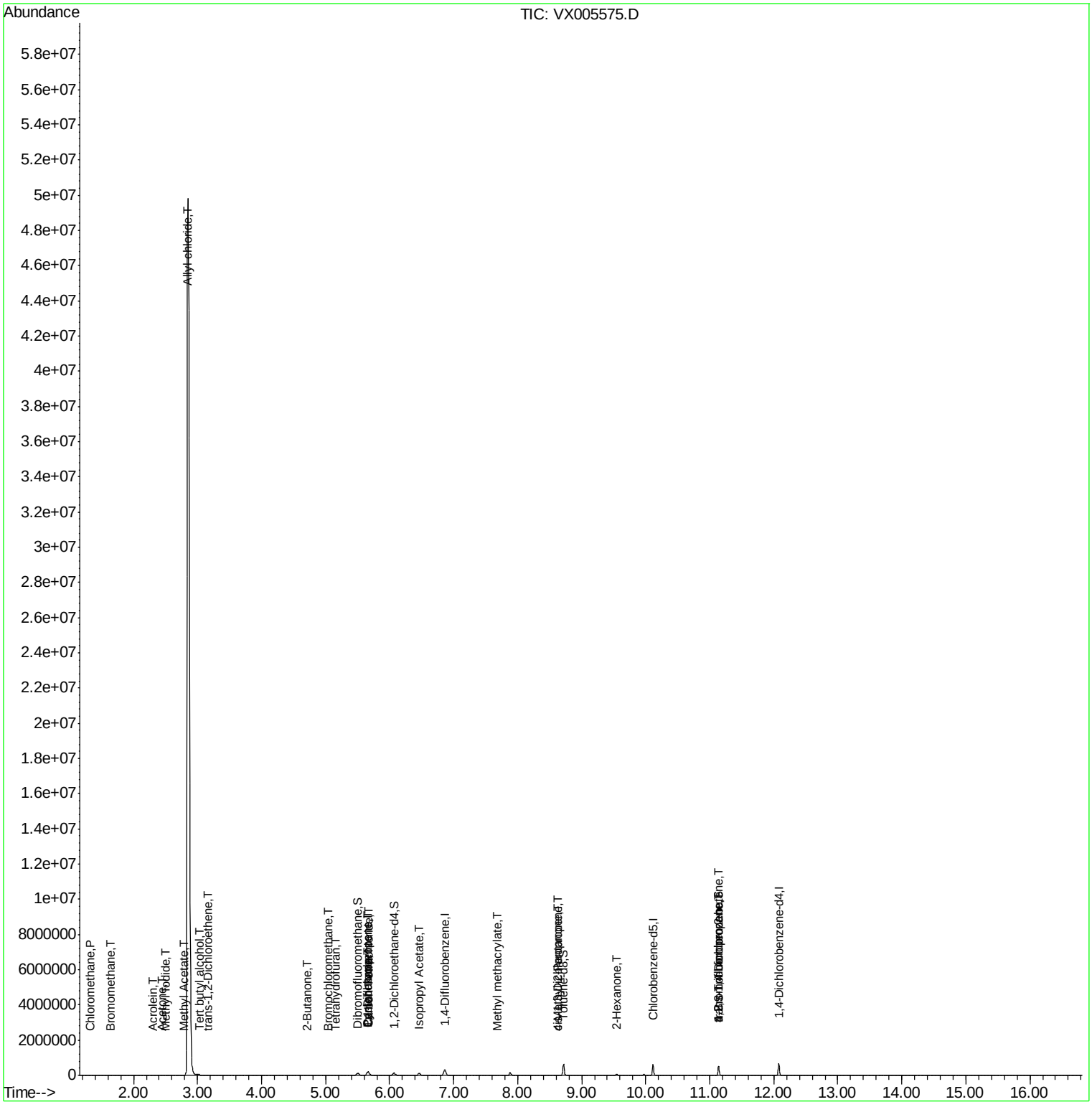
(#) = qualifier out of range (m) = manual integration (+) = signals summed

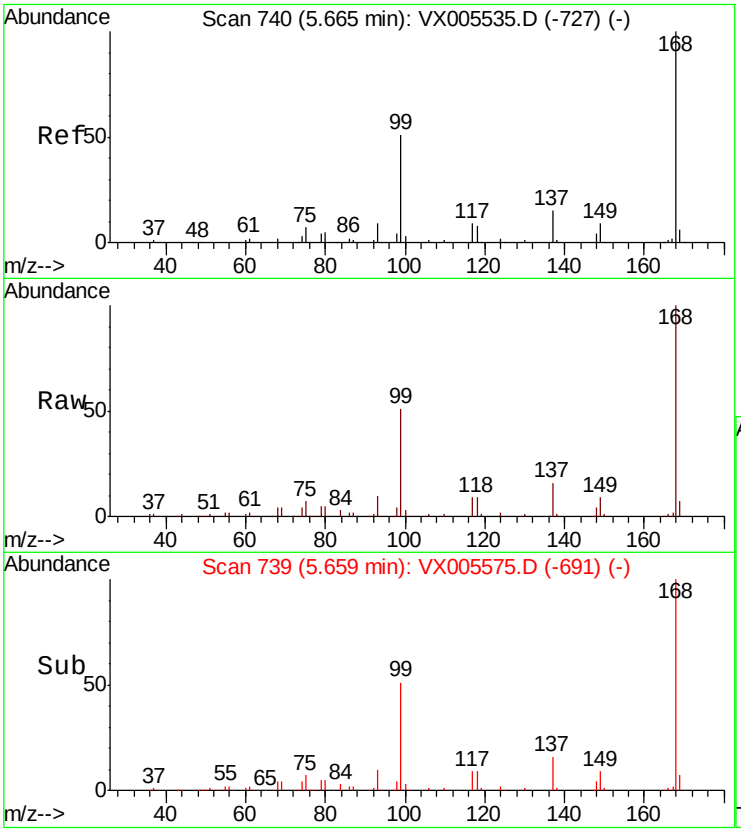
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
Data File : VX005575.D
Acq On : 25 Oct 2018 07:10
Operator : JC/MD
Sample : J4771-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NB-08-102318

Quant Time: Oct 25 08:06:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration



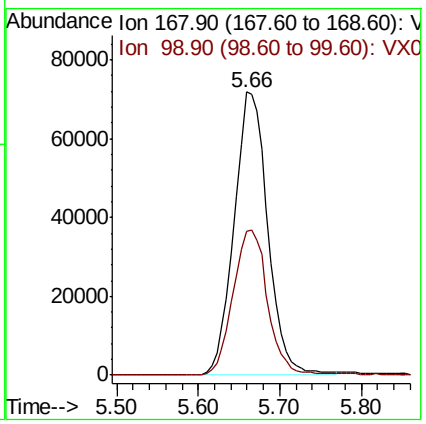


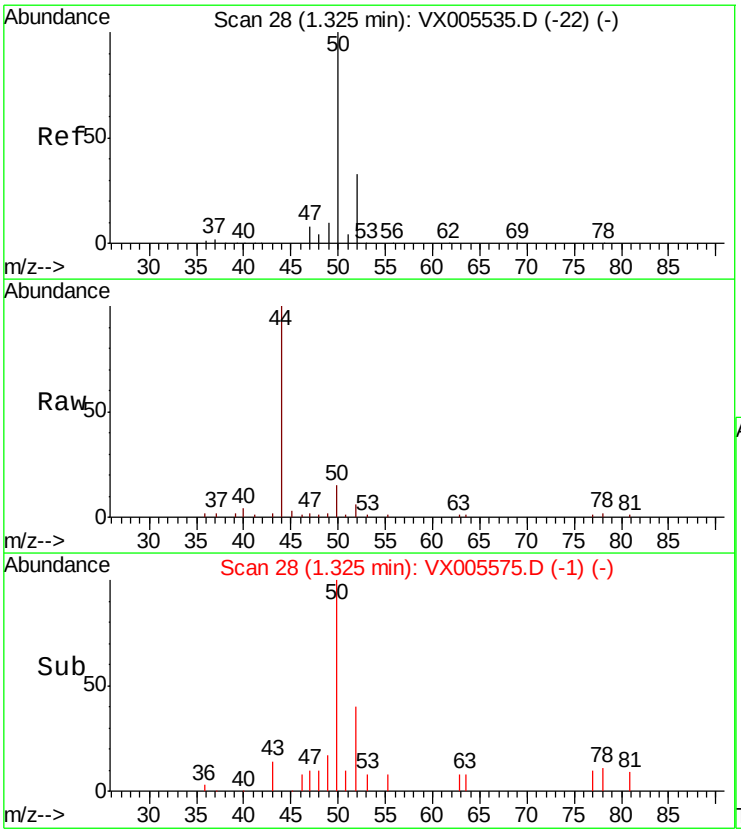
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
NB-08-102318

Tgt Ion:168 Resp: 205405

Ion	Ratio	Lower	Upper
168	100		
99	50.9	39.9	59.9

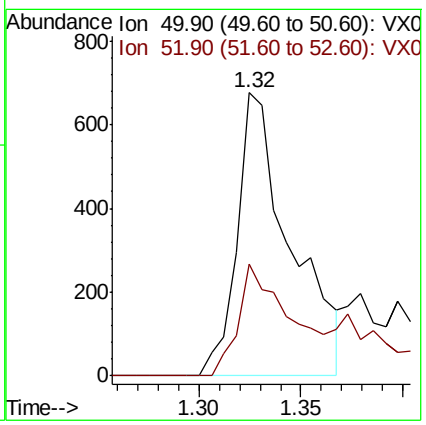


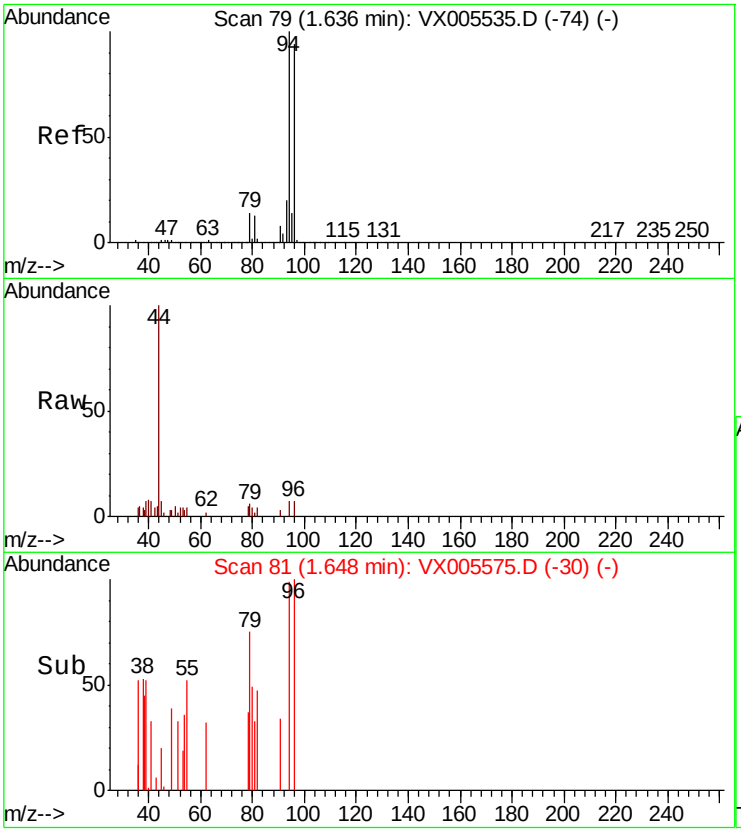


#3
Chloromethane
Concen: 0.477 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 50 Resp: 1231

Ion	Ratio	Lower	Upper
50	100		
52	39.6	26.2	39.2#



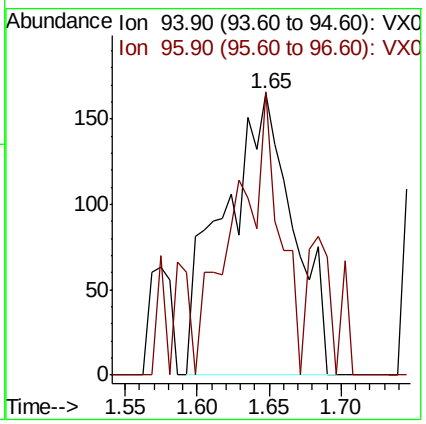


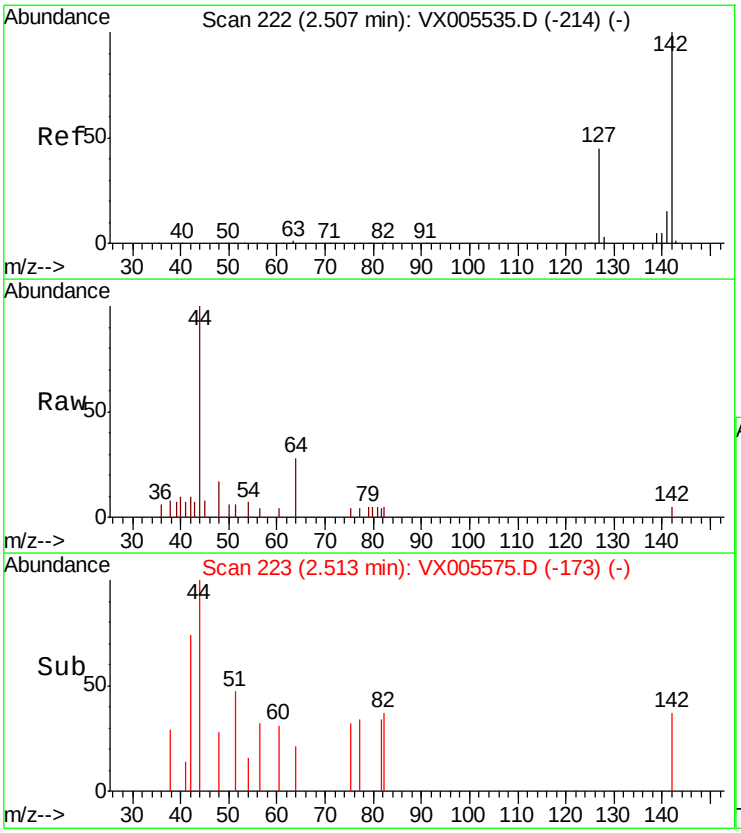
#5
Bromomethane
Concen: 0.352 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument : MSVOA_X
ClientSampleId : NB-08-102318

Tgt Ion: 94 Resp: 556

Ion	Ratio	Lower	Upper
94	100		
96	100.6	74.5	111.7

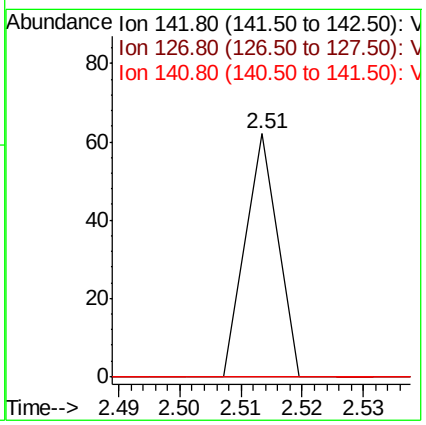


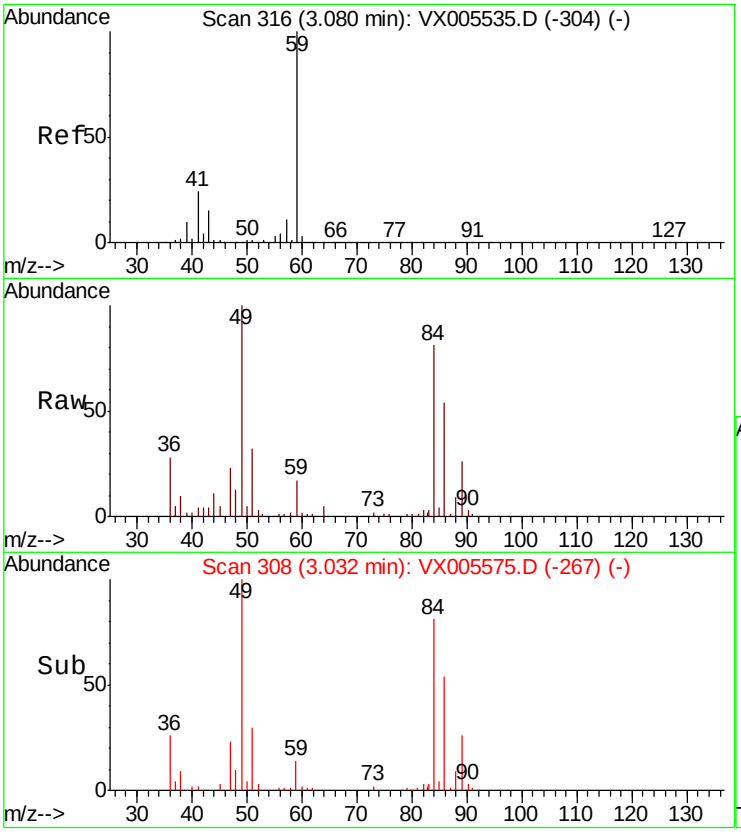


#10
Methyl Iodide
Concen: 2.736 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion:142 Resp: 23

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.8	50.6#
141	0.0	11.4	17.0#



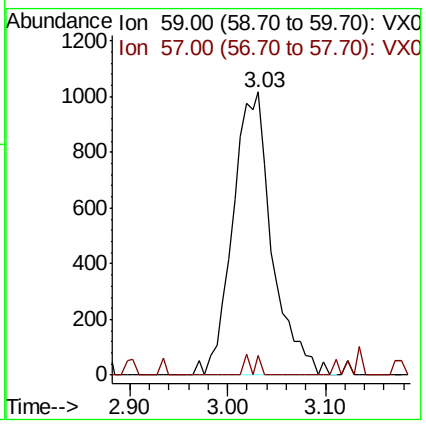


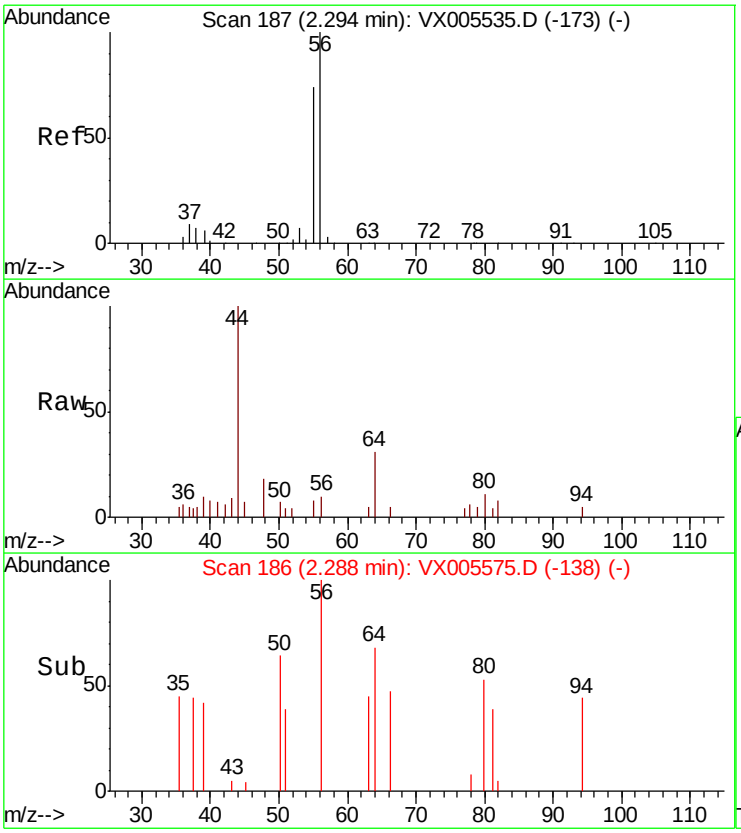
#11
Tert butyl alcohol
Concen: 4.190 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.05 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument : MSVOA_X
ClientSampleId : NB-08-102318

Tgt Ion: 59 Resp: 2827

Ion	Ratio	Lower	Upper
59	100		
57	1.9	8.2	12.4#

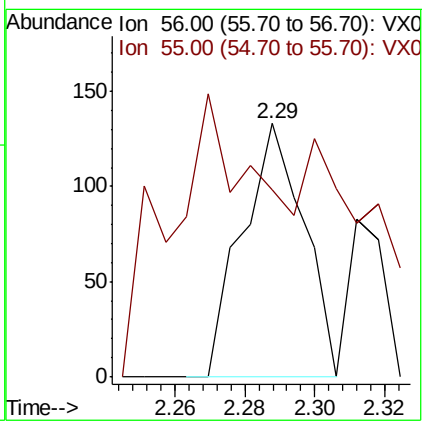


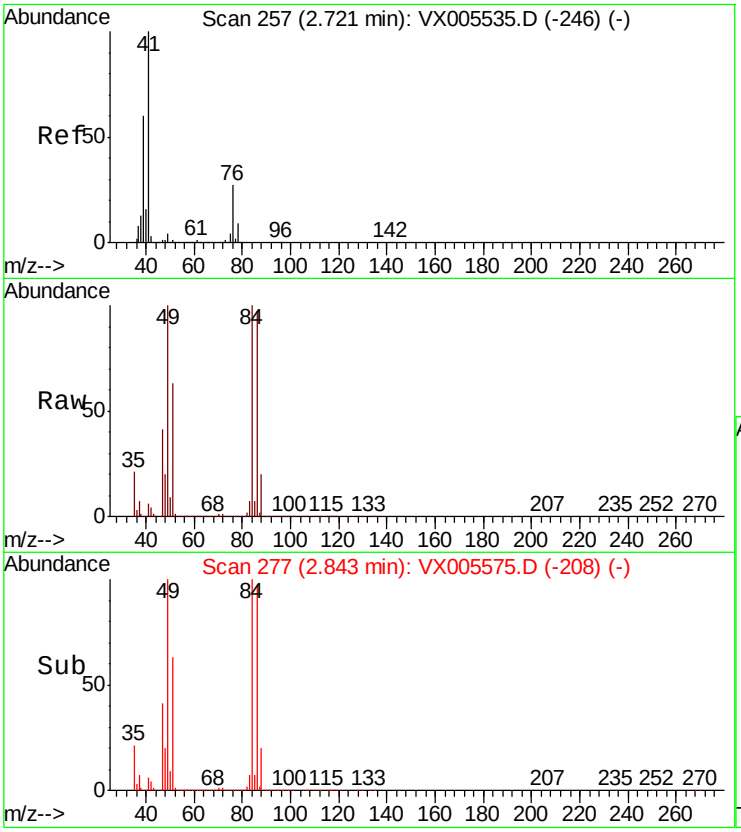


#13
Acrolein
Concen: 0.471 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 56 Resp: 162

Ion	Ratio	Lower	Upper
56	100		
55	179.6	54.7	82.1#



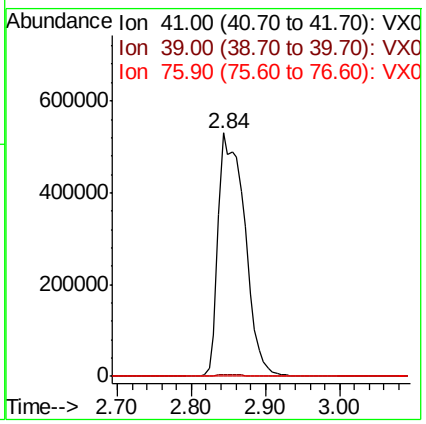


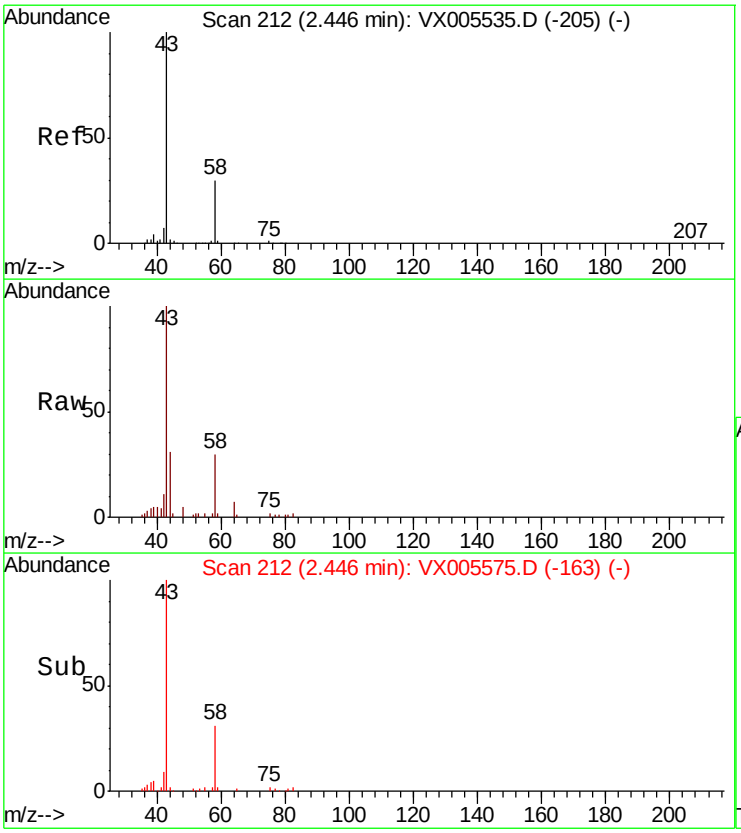
#14
Allyl chloride
Concen: 305.457 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument : MSVOA_X
ClientSampleId : NB-08-102318

Tgt Ion: 41 Resp: 1314442

Ion	Ratio	Lower	Upper
41	100		
39	0.8	48.9	73.3#
76	0.0	26.7	40.1#

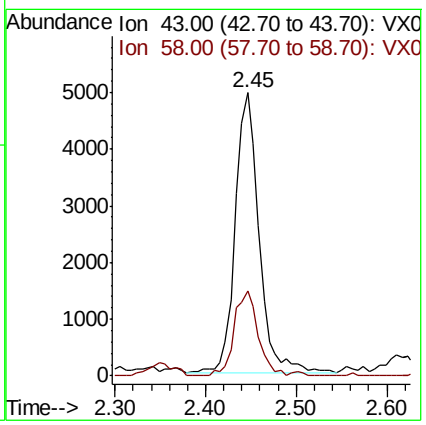


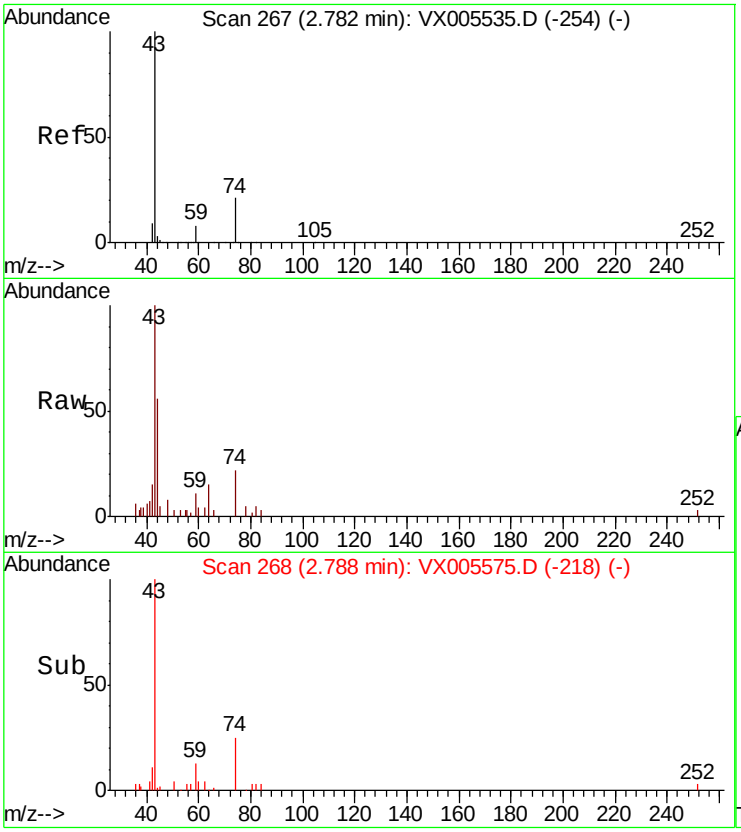


#16
Acetone
Concen: 6.775 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 43 Resp: 8977

Ion	Ratio	Lower	Upper
43	100		
58	30.6	26.2	39.4



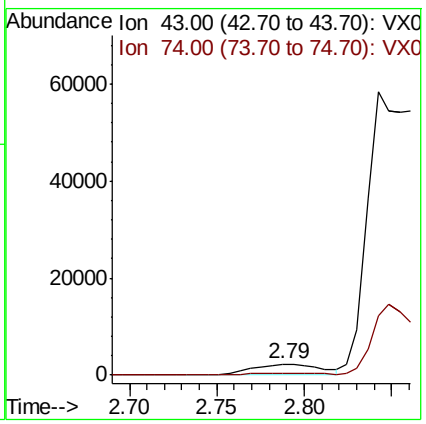


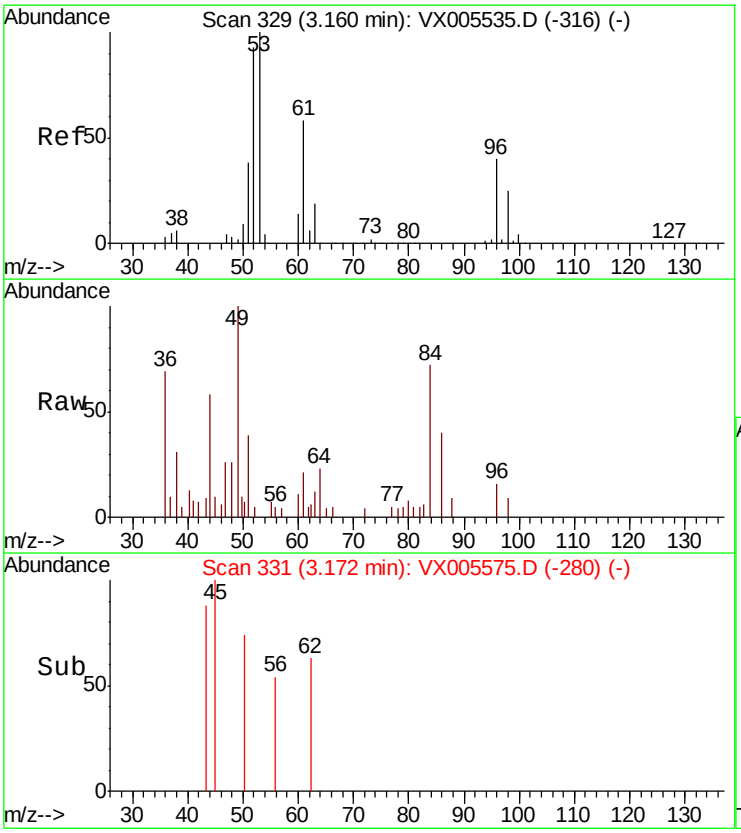
#18
Methyl Acetate
Concen: 0.384 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument : MSVOA_X
ClientSampleId : NB-08-102318

Tgt Ion: 43 Resp: 6004

Ion	Ratio	Lower	Upper
43	100		
74	21.8	19.4	29.2

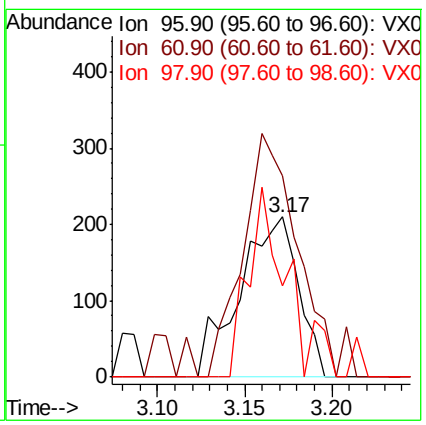


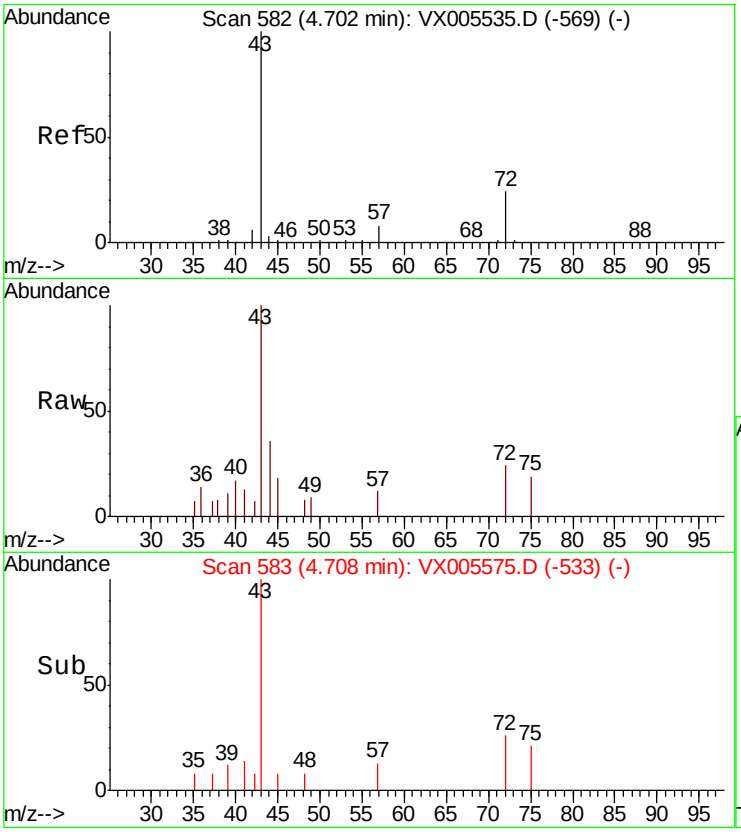


#21
trans-1,2-Dichloroethene
Concen: 0.235 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 96 Resp: 494

Ion	Ratio	Lower	Upper
96	100		
61	125.7	113.8	170.6
98	56.7	51.8	77.8



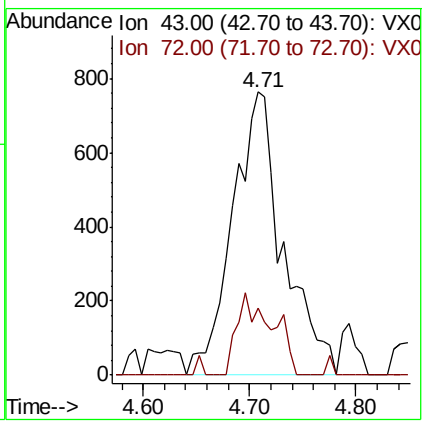


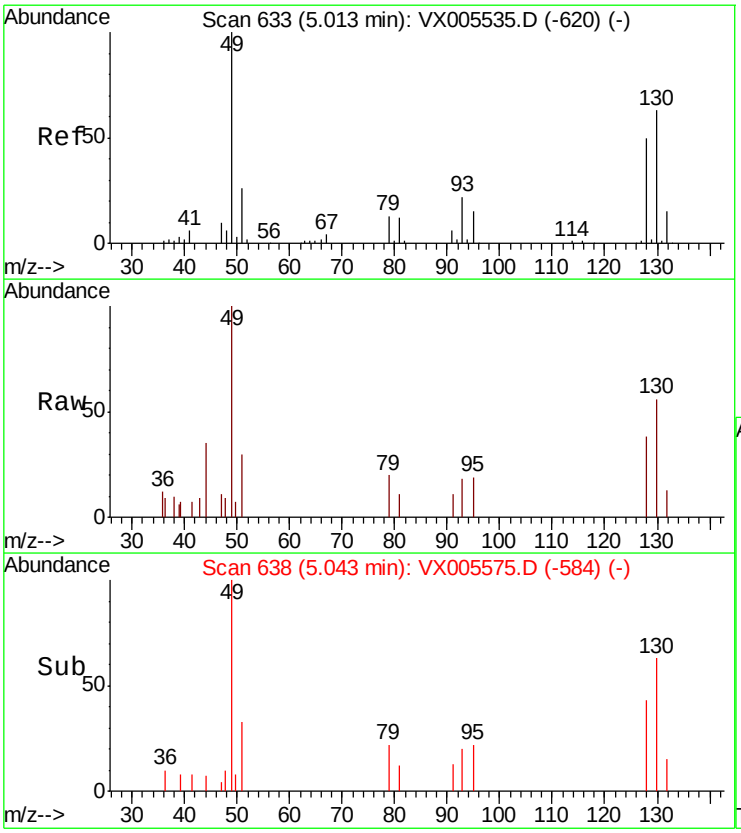
#25
2-Butanone
Concen: 1.249 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument : MSVOA_X
ClientSampleId : NB-08-102318

Tgt Ion: 43 Resp: 2519

Ion	Ratio	Lower	Upper
43	100		
72	23.9	22.0	33.0

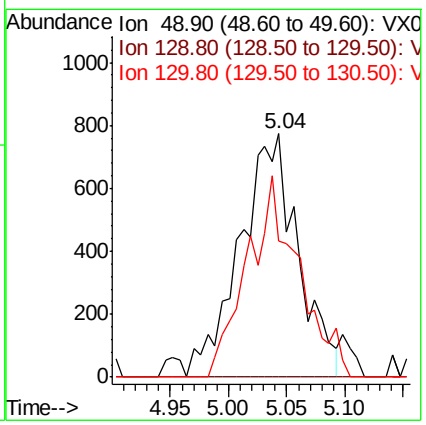


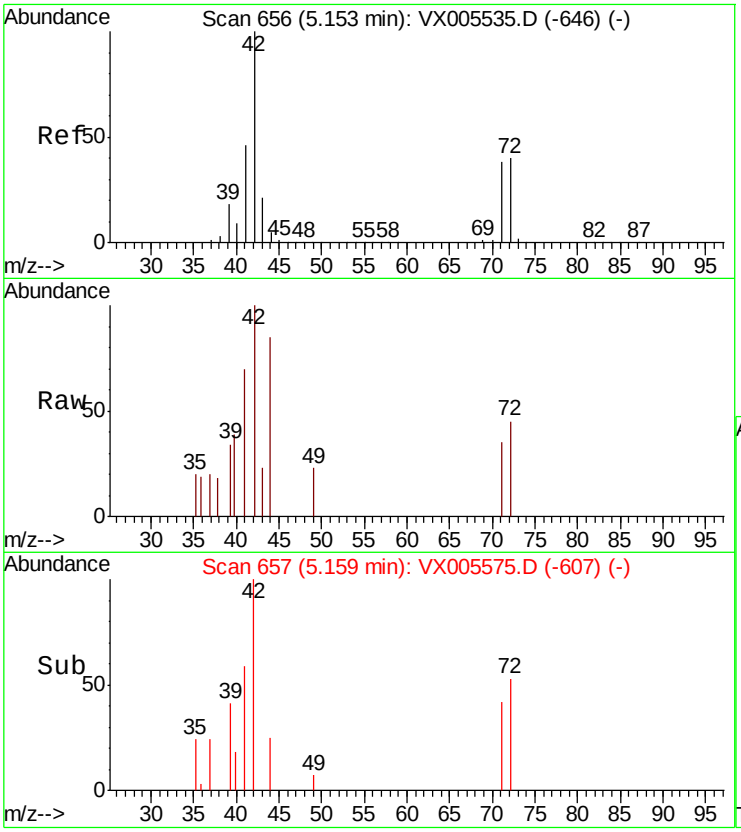


#28
Bromochloromethane
Concen: 1.351 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.03 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 49 Resp: 2669

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	73.3	67.5	101.3



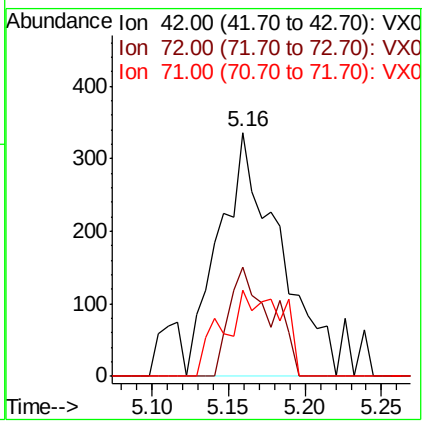


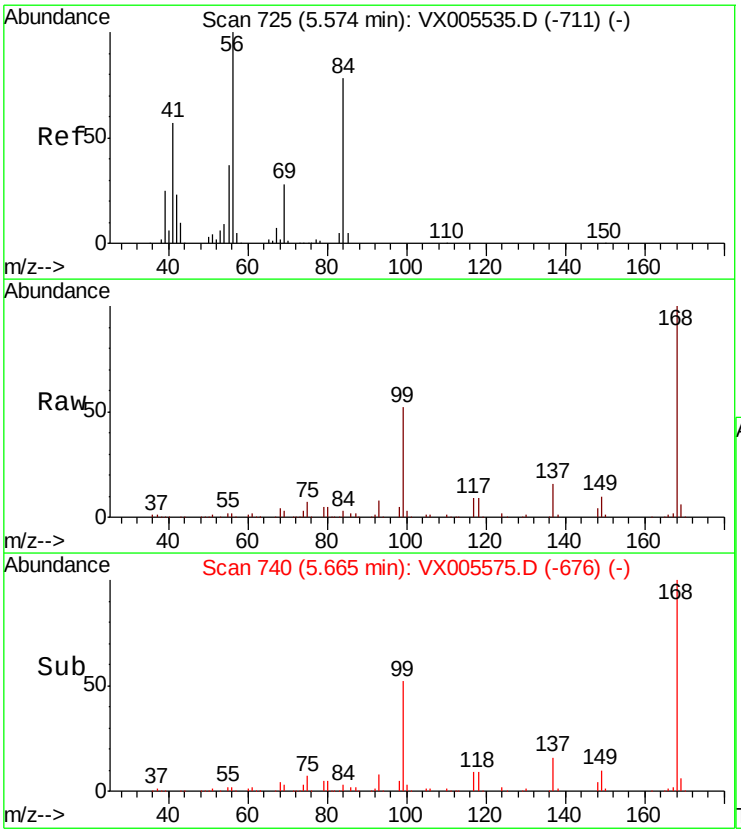
#29
Tetrahydrofuran
Concen: 0.701 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
NB-08-102318

Tgt Ion: 42 Resp: 920

Ion	Ratio	Lower	Upper
42	100		
72	30.8	37.4	56.0#
71	33.8	34.5	51.7#

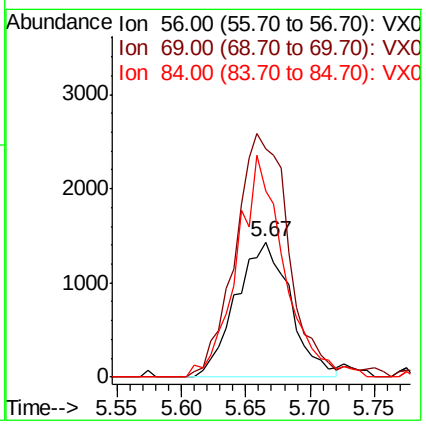


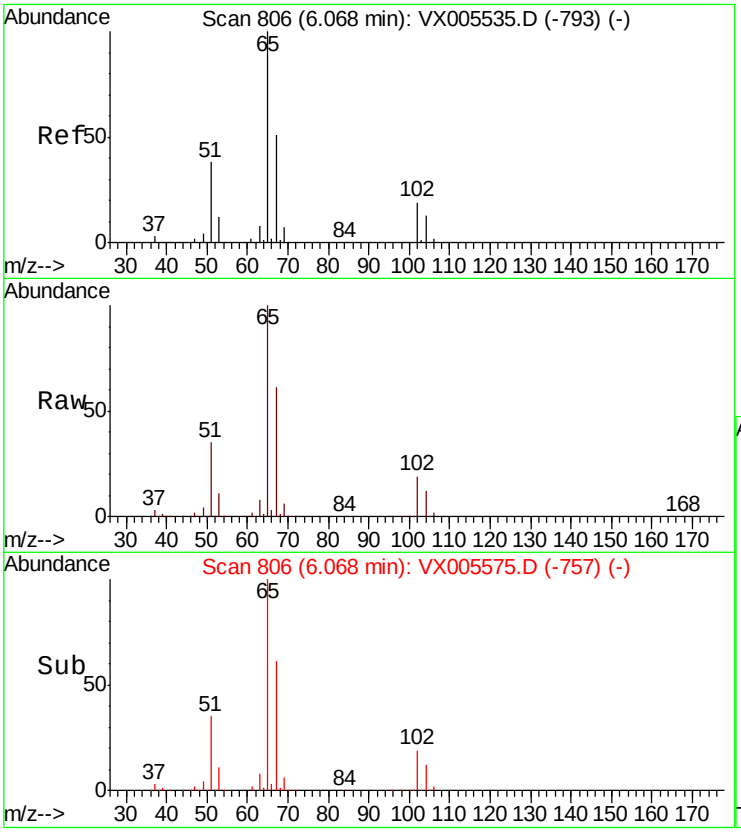


#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 56 Resp: 4212

Ion	Ratio	Lower	Upper
56	100		
69	169.5	25.4	38.2#
84	137.8	71.4	107.2#



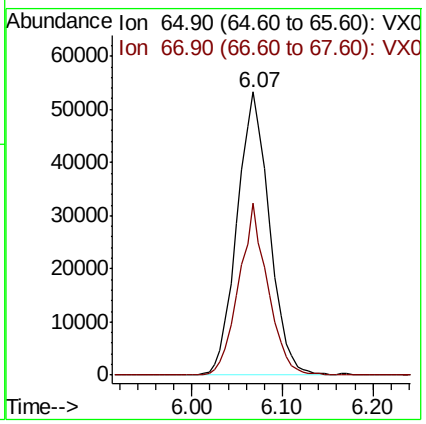


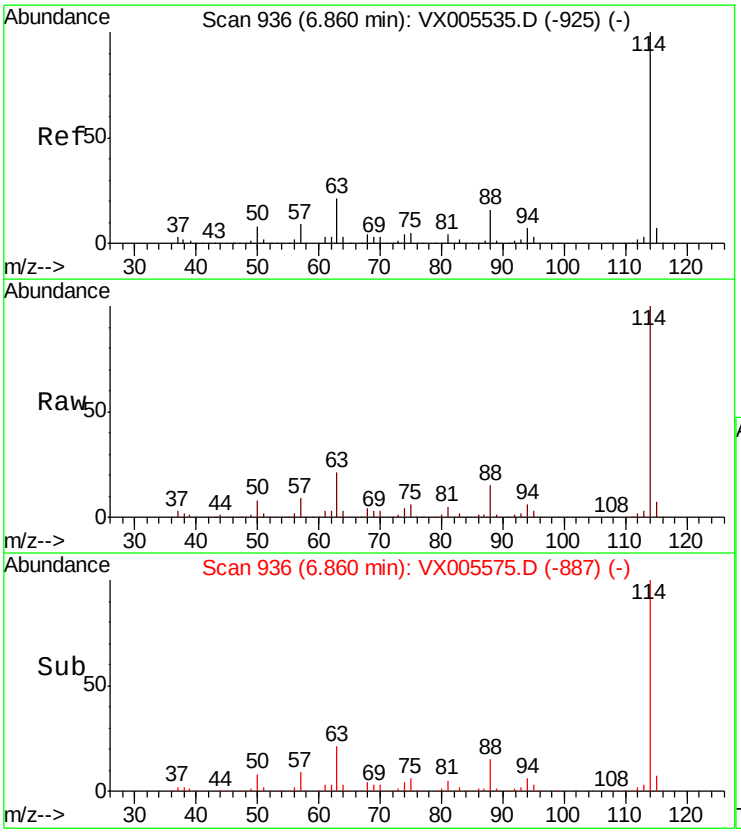
#33
1,2-Dichloroethane-d4
Concen: 52.617 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
NB-08-102318

Tgt Ion: 65 Resp: 131929

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.8

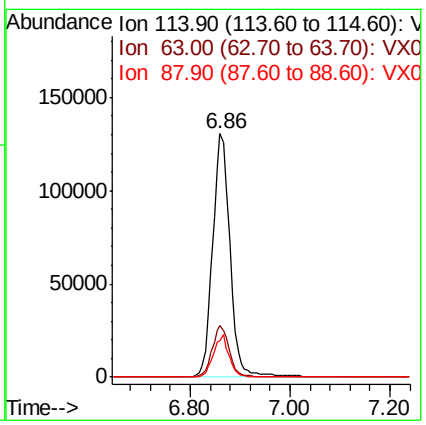


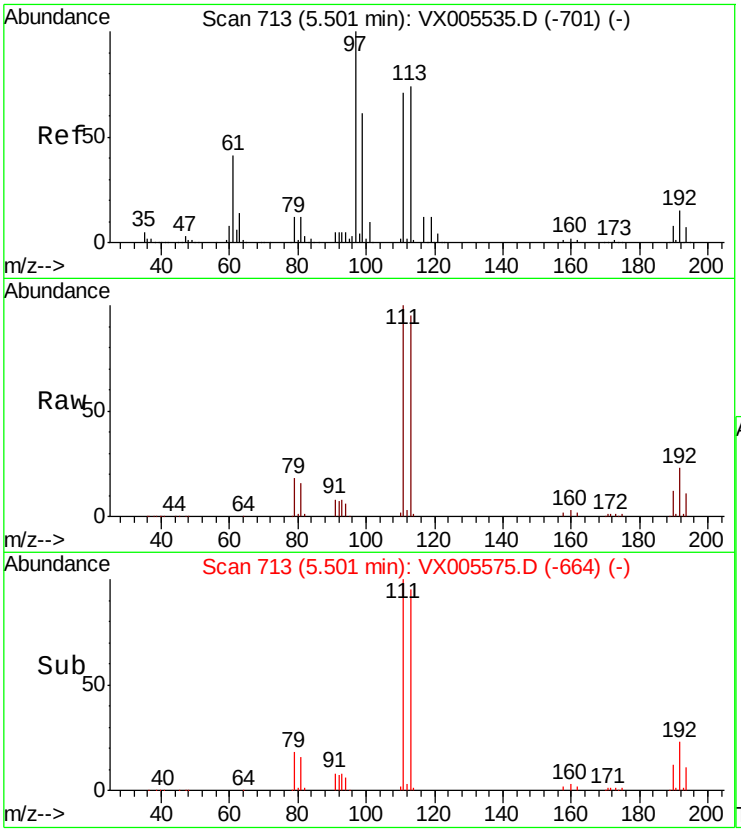


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion:114 Resp: 317036

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.0
88	15.1	0.0	30.4



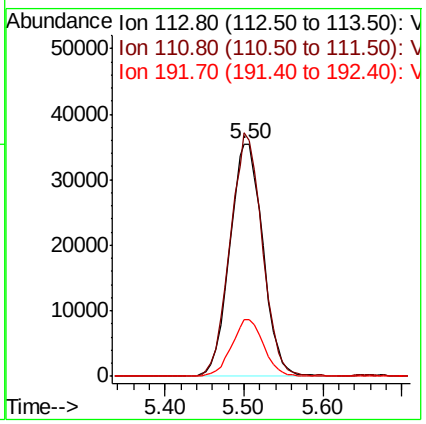


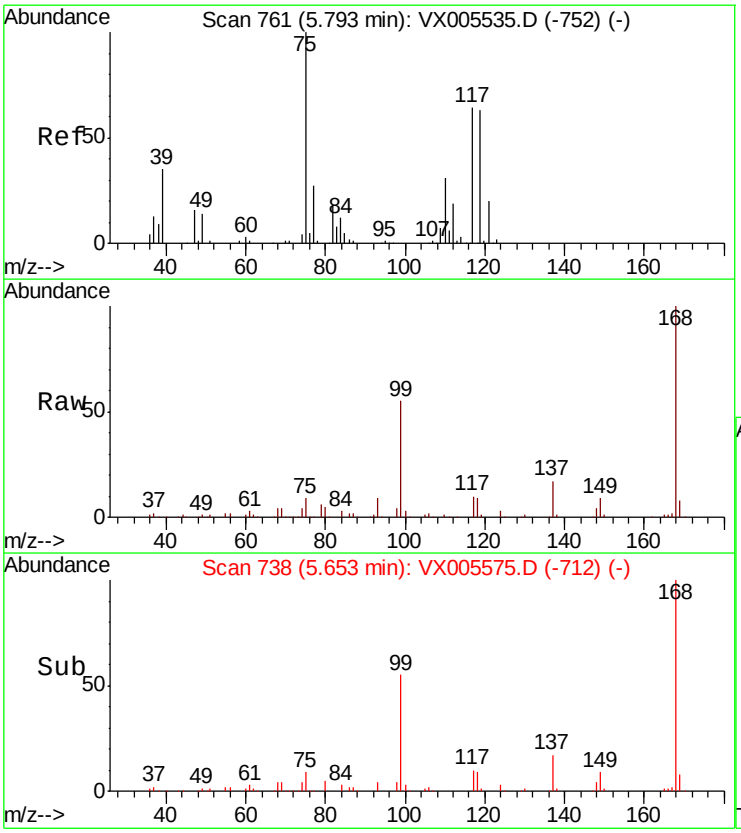
#35
Dibromofluoromethane
Concen: 48.225 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
NB-08-102318

Tgt Ion:113 Resp: 103524

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.4	123.6
192	23.5	19.4	29.2

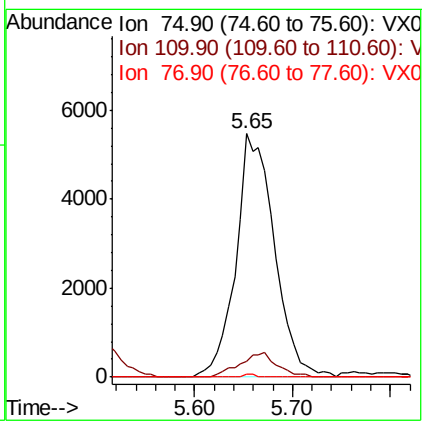


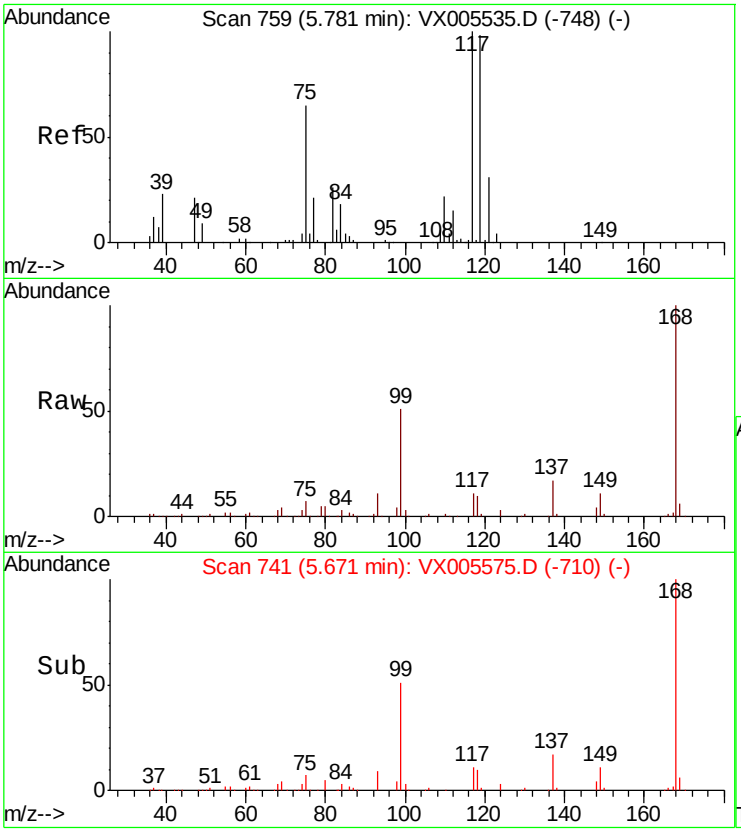


#36
1,1-Dichloropropene
Concen: 4.853 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 75 Resp: 14931

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.0	54.0#
77	0.3	24.6	36.8#



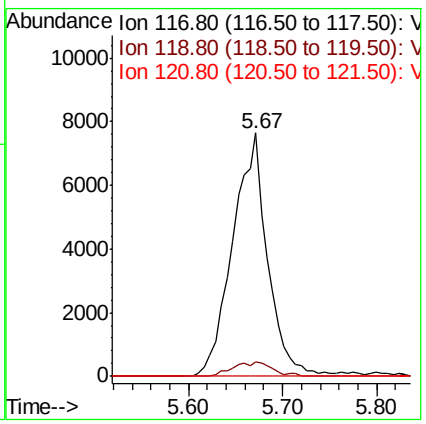


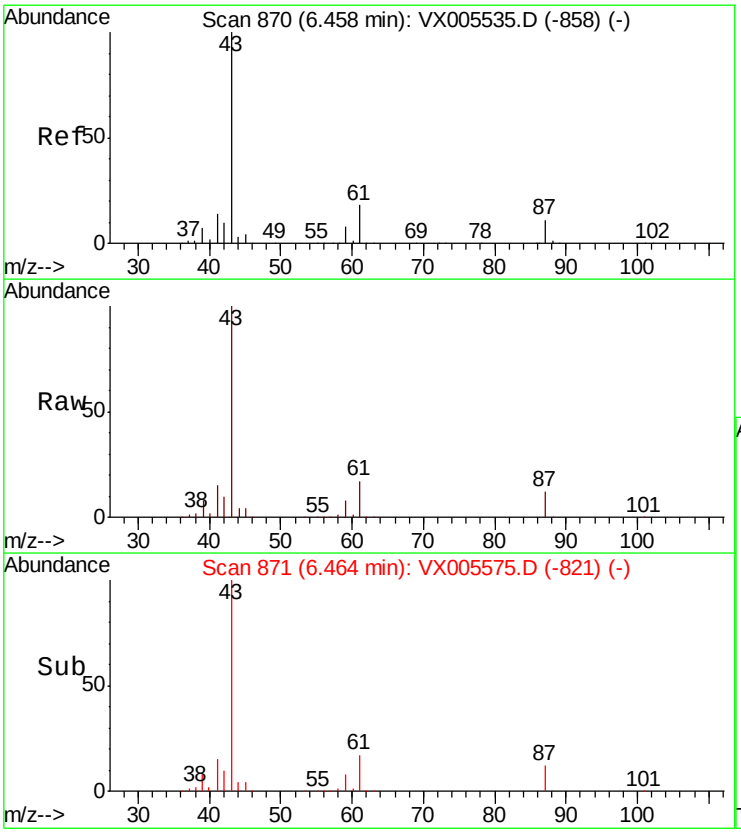
#38
Carbon Tetrachloride
Concen: 6.086 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.11 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument : MSVOA_X
ClientSampleId : NB-08-102318

Tgt Ion:117 Resp: 19721

Ion	Ratio	Lower	Upper
117	100		
119	5.9	78.8	118.2#
121	0.0	24.9	37.3#

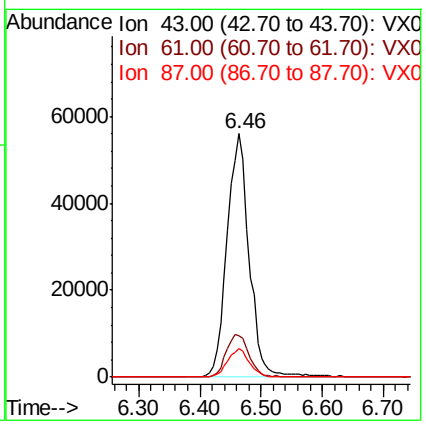


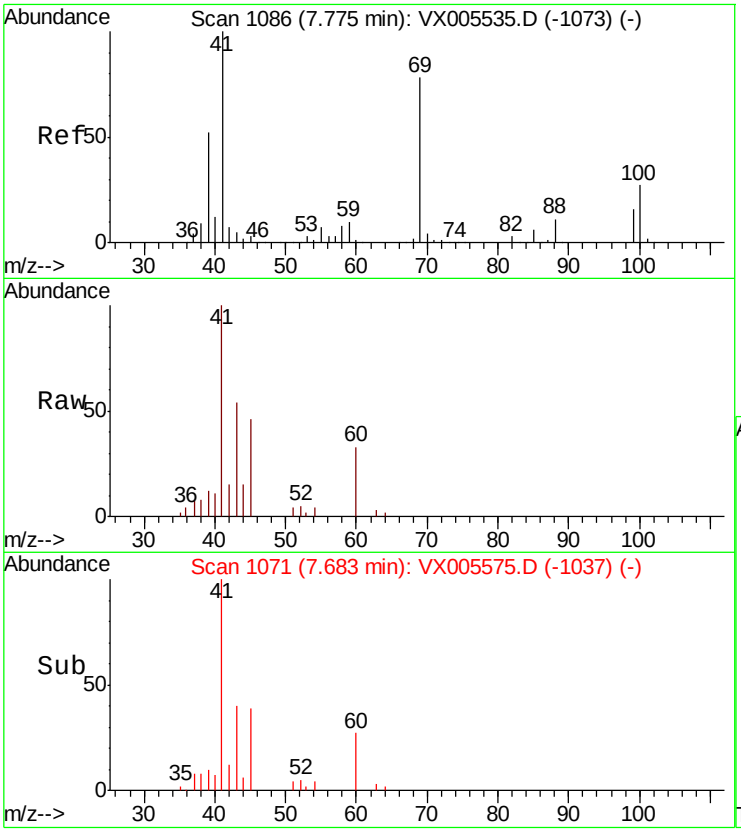


#43
Isopropyl Acetate
Concen: 23.721 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 43 Resp: 139557

Ion	Ratio	Lower	Upper
43	100		
61	18.0	17.0	25.4
87	11.5	11.4	17.2



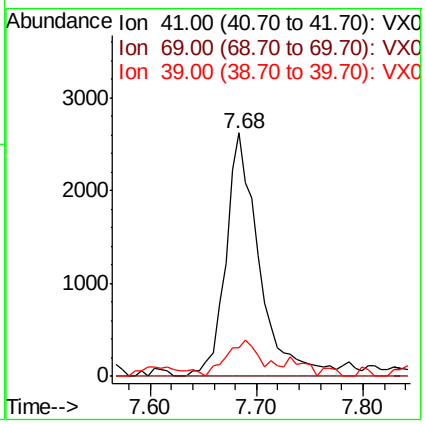


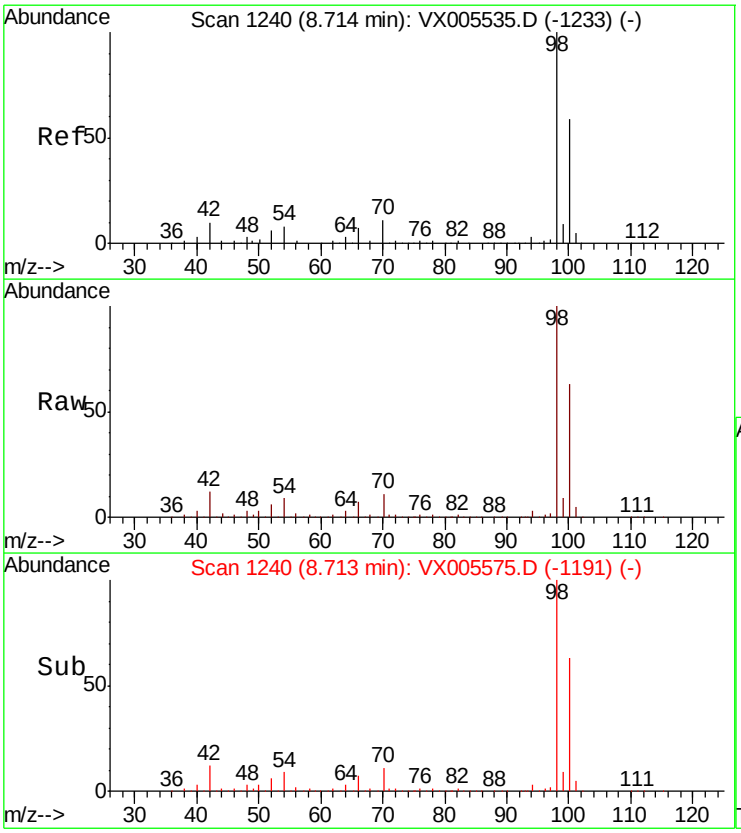
#48
Methyl methacrylate
Concen: 2.005 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument : MSVOA_X
ClientSampleId : NB-08-102318

Tgt Ion: 41 Resp: 5748

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	15.8	42.7	64.1#

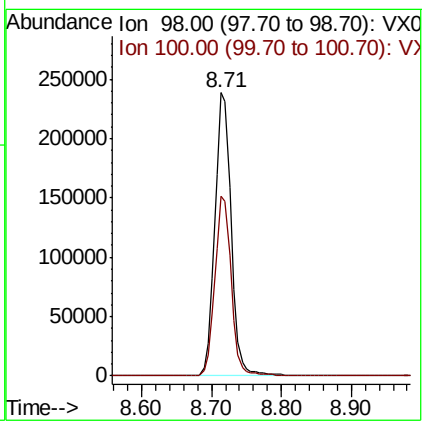


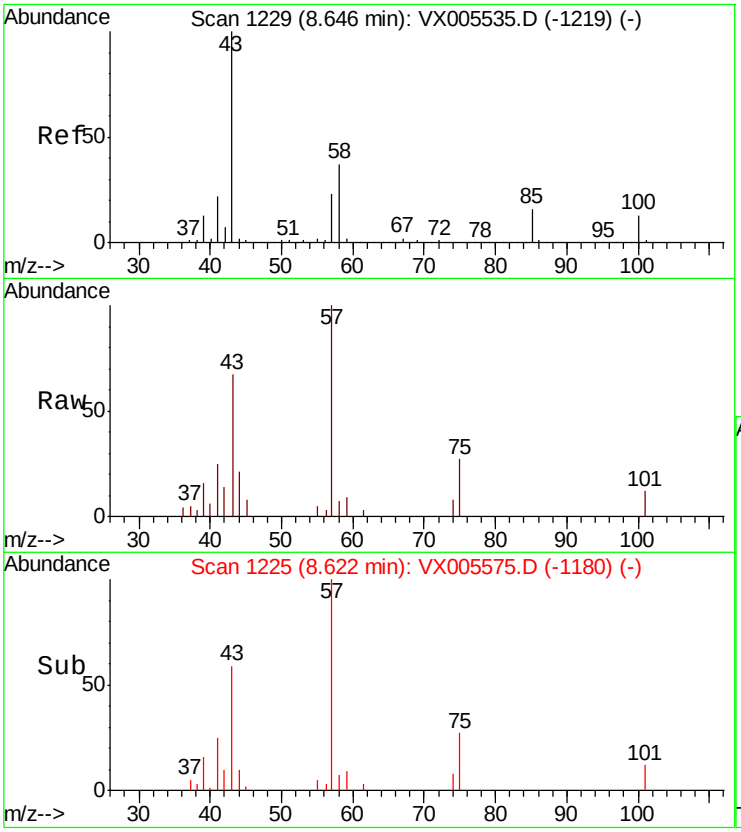


#50
Toluene-d8
Concen: 50.303 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 98 Resp: 388015

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.9	79.3



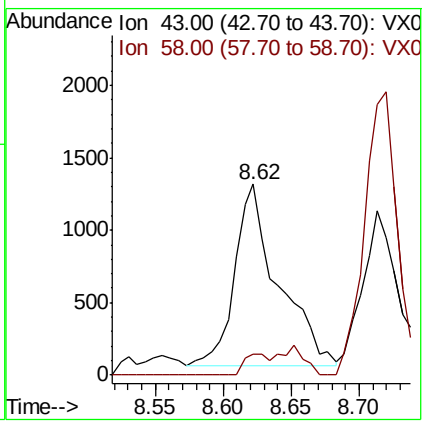


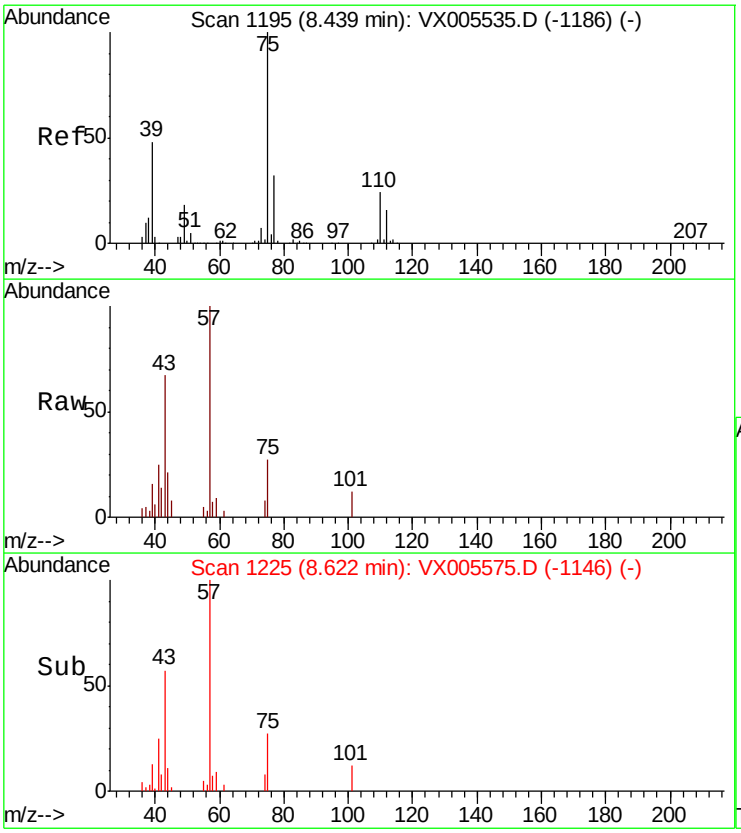
#51
4-Methyl-2-Pentanone
Concen: 0.703 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
NB-08-102318

Tgt Ion: 43 Resp: 2781

Ion	Ratio	Lower	Upper
43	100		
58	6.7	33.1	49.7#

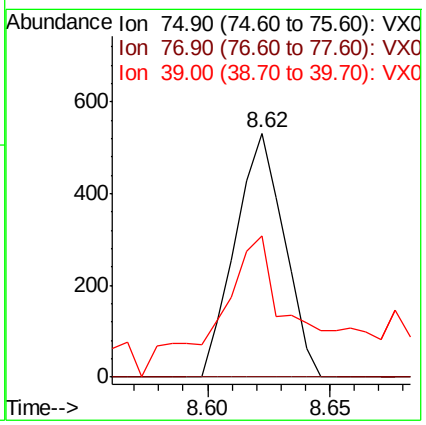


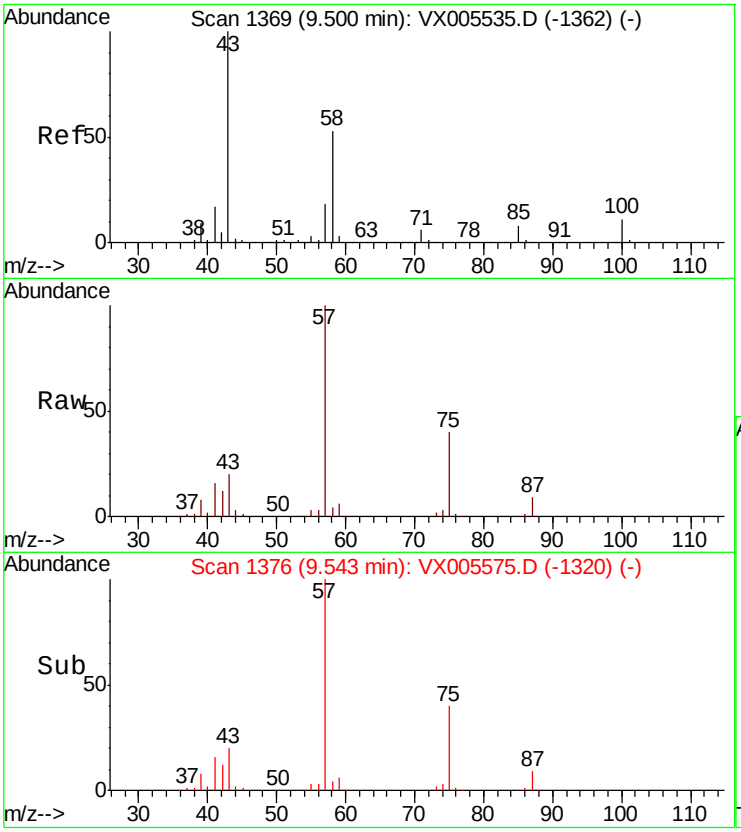


#54
cis-1,3-Dichloropropene
Concen: 0.214 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 75 Resp: 739

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	44.1	36.4	54.6



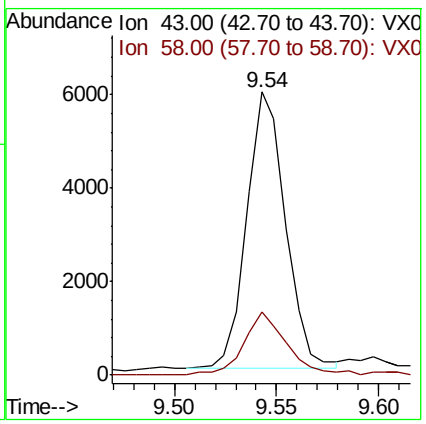


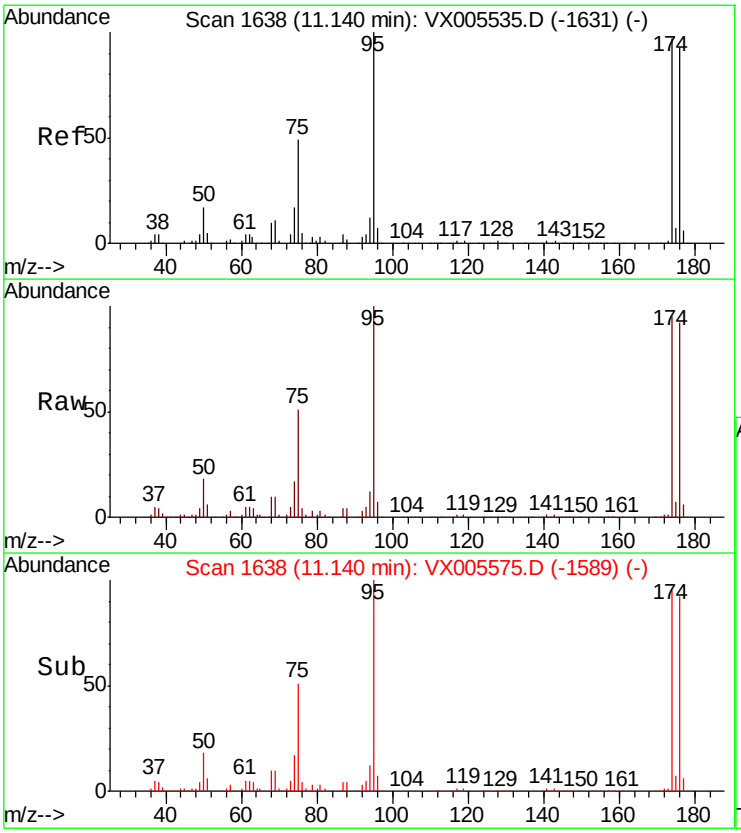
#59
2-Hexanone
Concen: 2.514 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
NB-08-102318

Tgt Ion: 43 Resp: 7838

Ion	Ratio	Lower	Upper
43	100		
58	25.3	29.0	87.0#

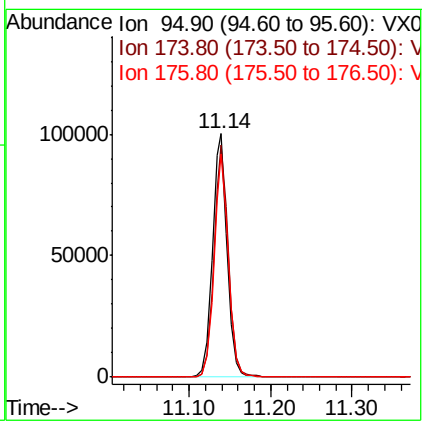


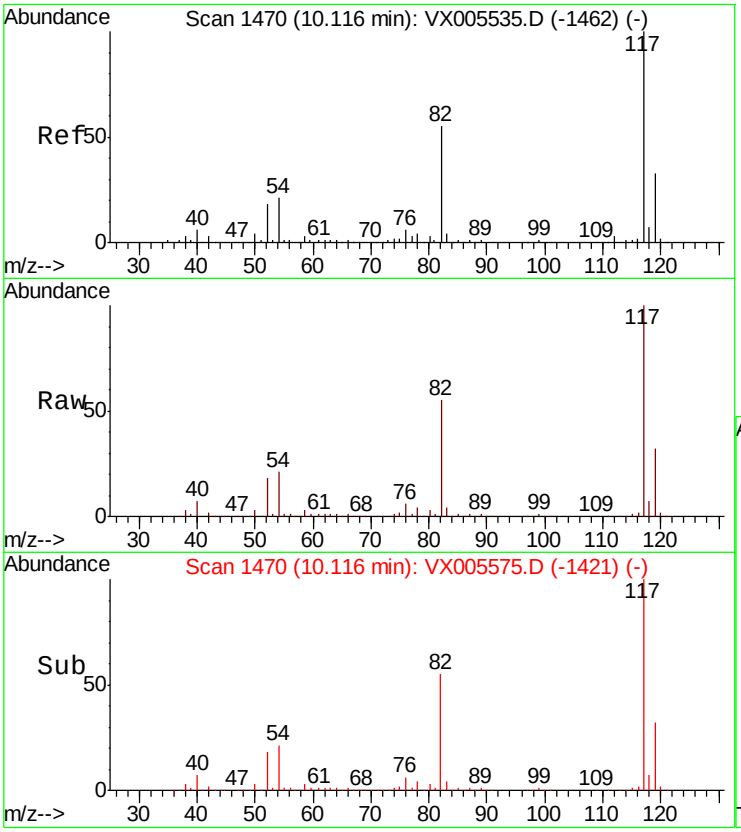


#62
4-Bromofluorobenzene
Concen: 43.980 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 95 Resp: 128114

Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	185.2
176	89.5	0.0	178.6



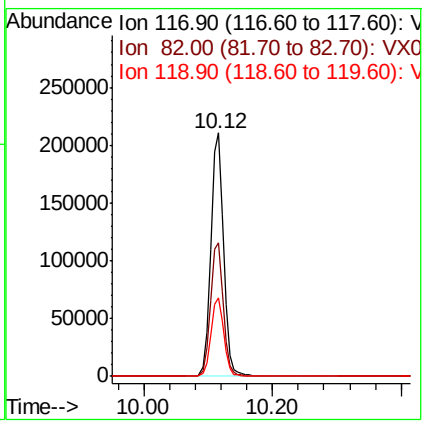


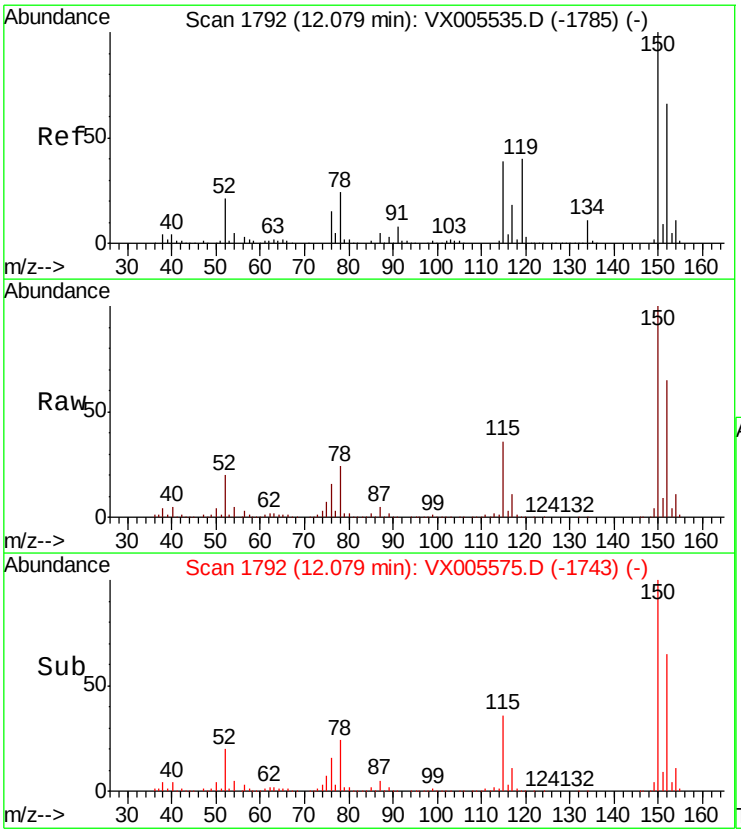
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument : MSVOA_X
ClientSampleId : NB-08-102318

Tgt Ion:117 Resp: 293156

Ion	Ratio	Lower	Upper
117	100		
82	54.9	47.8	71.6
119	32.1	29.3	43.9

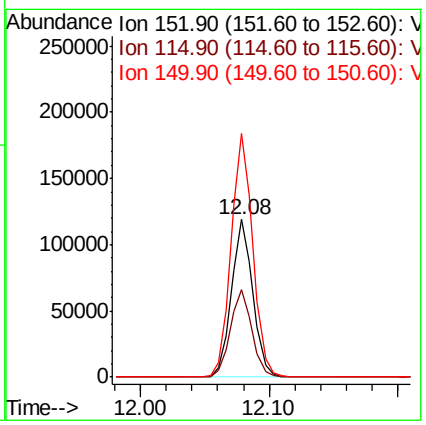


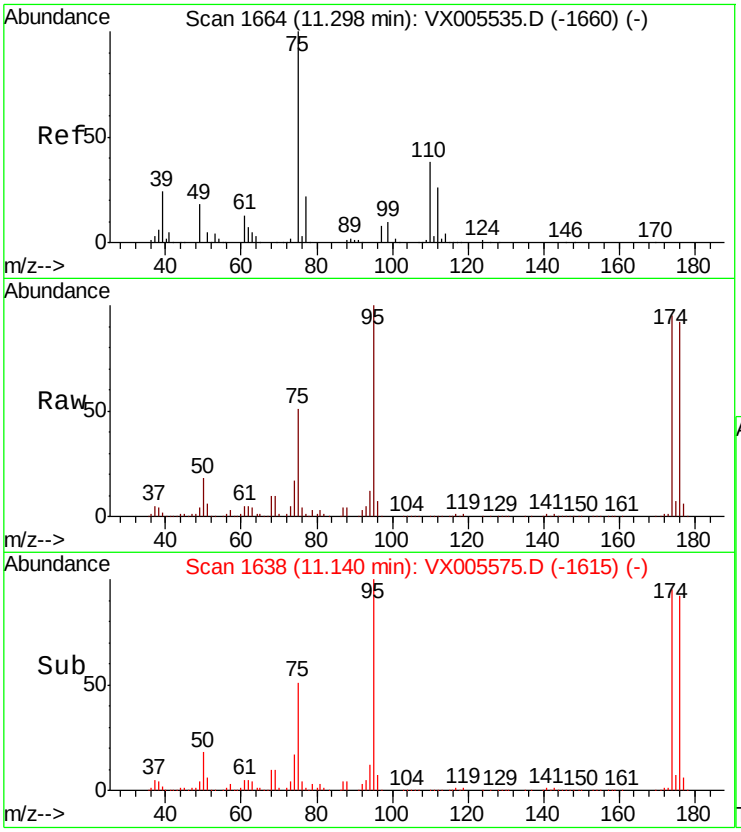


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion:152 Resp: 138275

Ion	Ratio	Lower	Upper
152	100		
115	56.2	39.0	117.0
150	156.5	0.0	351.0



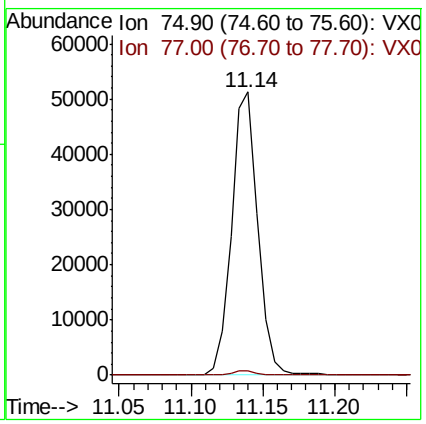


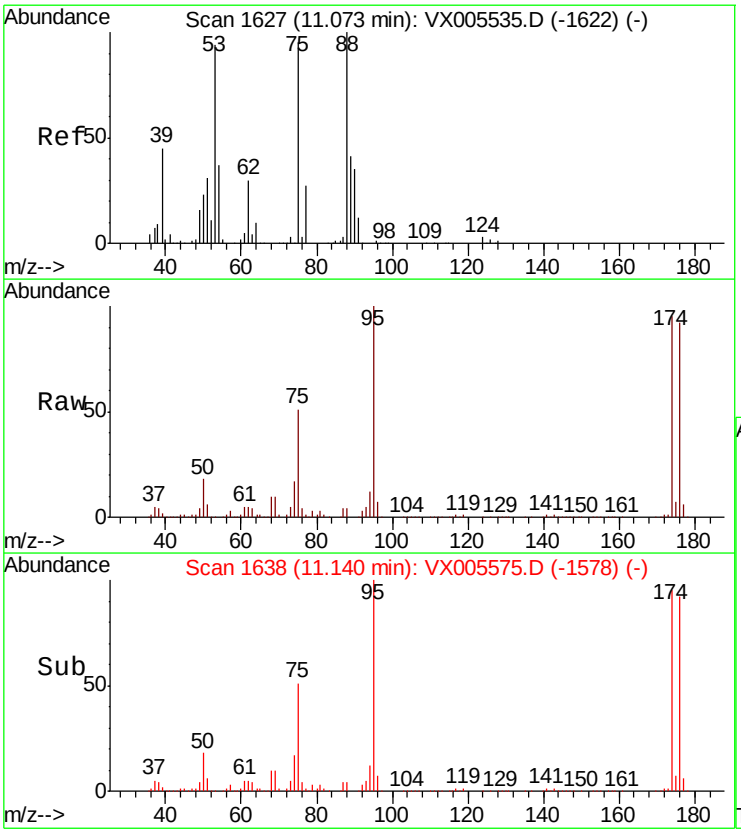
#76
1,2,3-Trichloropropane
Concen: 23.122 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
NB-08-102318

Tgt Ion: 75 Resp: 65123

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.2	60.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.632 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005575.D
Acq: 25 Oct 2018 07:10

Tgt Ion: 75 Resp: 65123

Ion	Ratio	Lower	Upper
75	100		
53	0.4	80.1	120.1#
89	0.0	37.2	55.8#