Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
Data File : VX005347.D
Acq On : 15 Oct 2018 16:48
Operator : JC/MD
Sample : PB113825ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 16 03:37:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153655	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.94%			
35) Dibromofluoromethane	5.50	113	124383	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
50) Toluene-d8	8.71	98	467247	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.30%			
62) 4-Bromofluorobenzene	11.14	95	150123	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.92%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	177	0.687	ug/l	85
6) Chloroethane	1.72	64	128	0.400	ug/l #	44
11) Tert butyl alcohol	3.02	59	2875	3.514	ug/l #	72
13) Acrolein	2.28	56	192	Below Cal	#	73
16) Acetone	2.45	43	16125	9.615	ug/l	100
18) Methyl Acetate	2.78	43	13880	2.909	ug/l	97
20) Methylene Chloride	2.85	84	2656	Below Cal		92
25) 2-Butanone	4.71	43	2820	1.149	ug/l #	84
29) Tetrahydrofuran	5.16	42	905	0.578	ug/l	92
31) Cyclohexane	5.67	56	4758	1.193	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17372	4.640	ug/l #	50
38) Carbon Tetrachloride	5.67	117	22790	6.058	ug/l #	15
43) Isopropyl Acetate	6.46	43	190655	29.724	ug/l	95
44) Trichloroethene	7.21	130	207	Below Cal		93
48) Methyl methacrylate	7.68	41	7928	2.383	ug/l #	20
51) 4-Methyl-2-Pentanone	8.62	43	3526	0.794	ug/l #	42
54) cis-1,3-Dichloropropene	8.62	75	1177	0.298	ug/l #	73
59) 2-Hexanone	9.54	43	10779	3.017	ug/l #	53
76) 1,2,3-Trichloropropane	11.14	75	74100	22.857	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	2091	0.246	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	74100	69.450	ug/l #	10

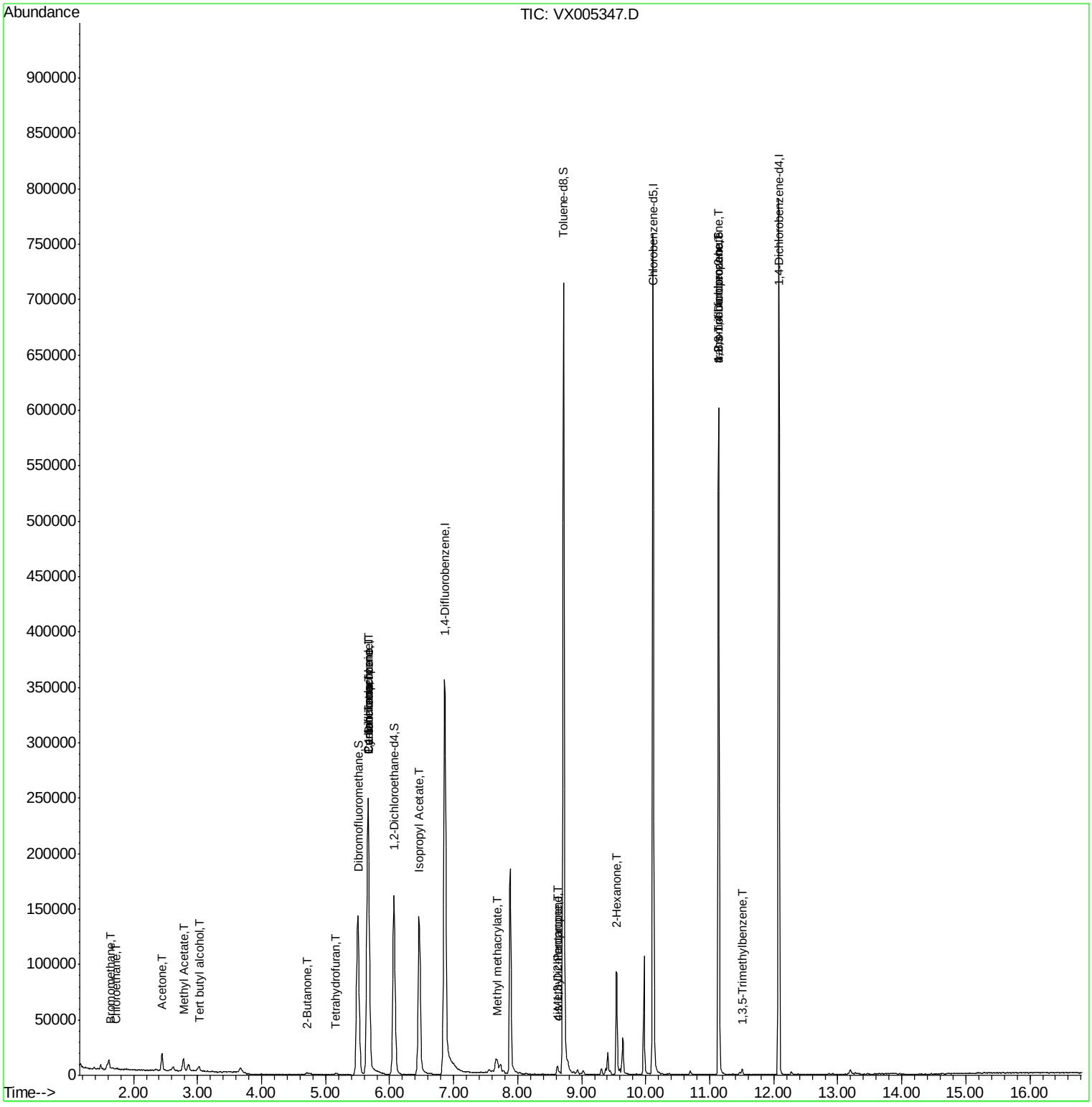
(#) = qualifier out of range (m) = manual integration (+) = signals summed

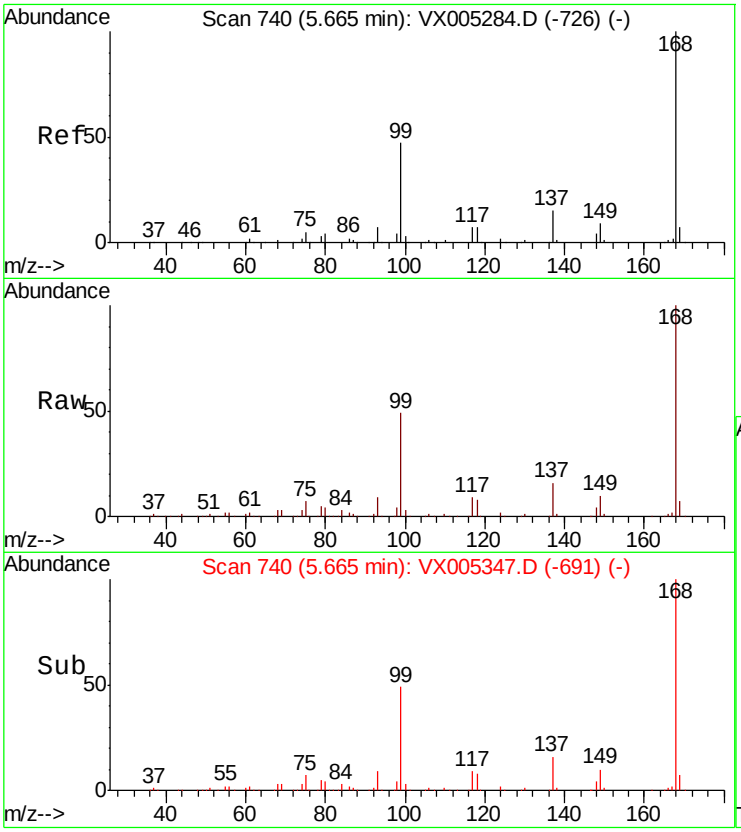
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
Data File : VX005347.D
Acq On : 15 Oct 2018 16:48
Operator : JC/MD
Sample : PB113825ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 16 03:37:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



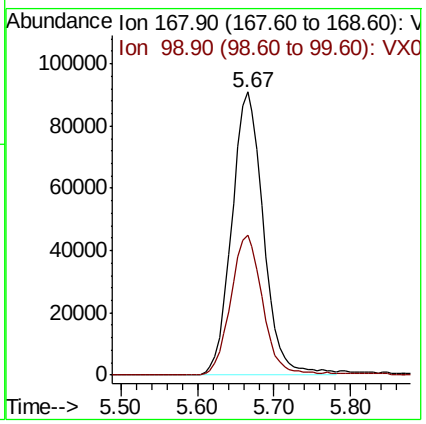


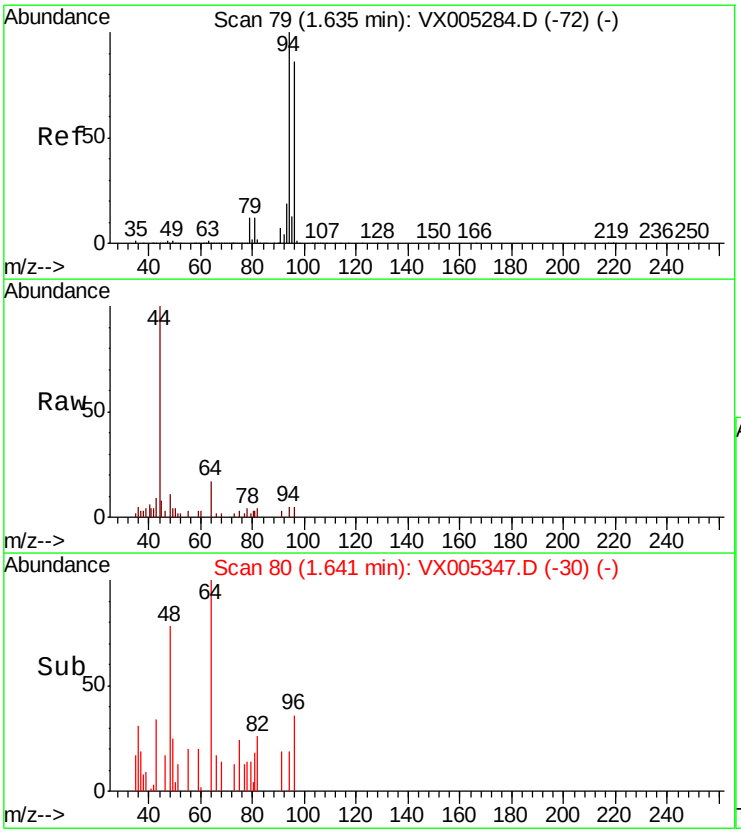
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 261354

Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.9	59.9

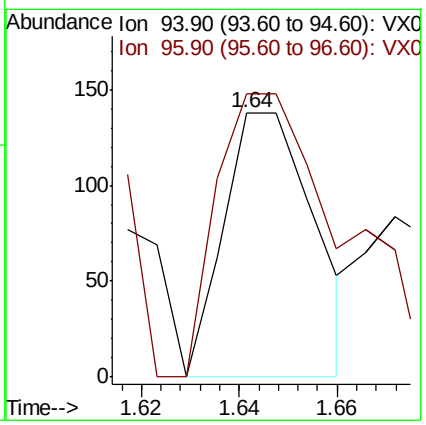


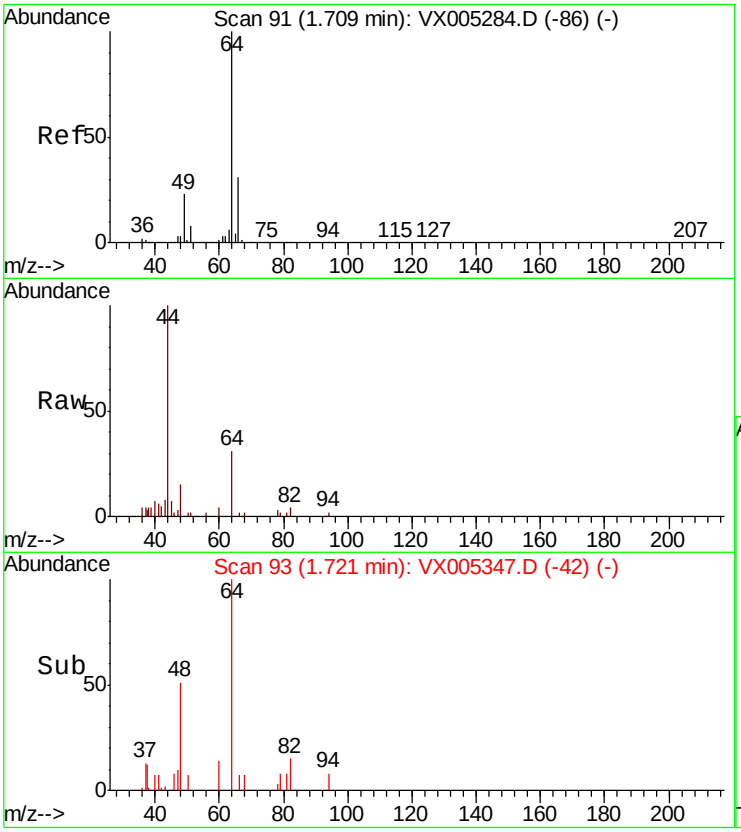


#5
Bromomethane
Concen: 0.687 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion: 94 Resp: 177

Ion	Ratio	Lower	Upper
94	100		
96	107.2	74.5	111.7



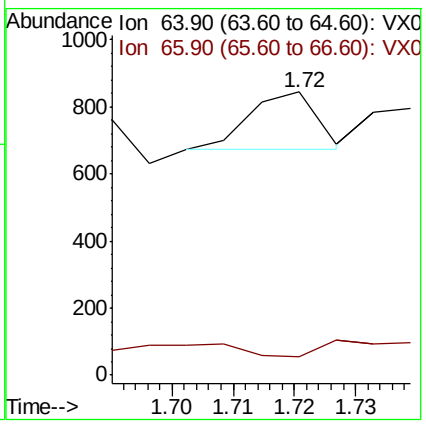


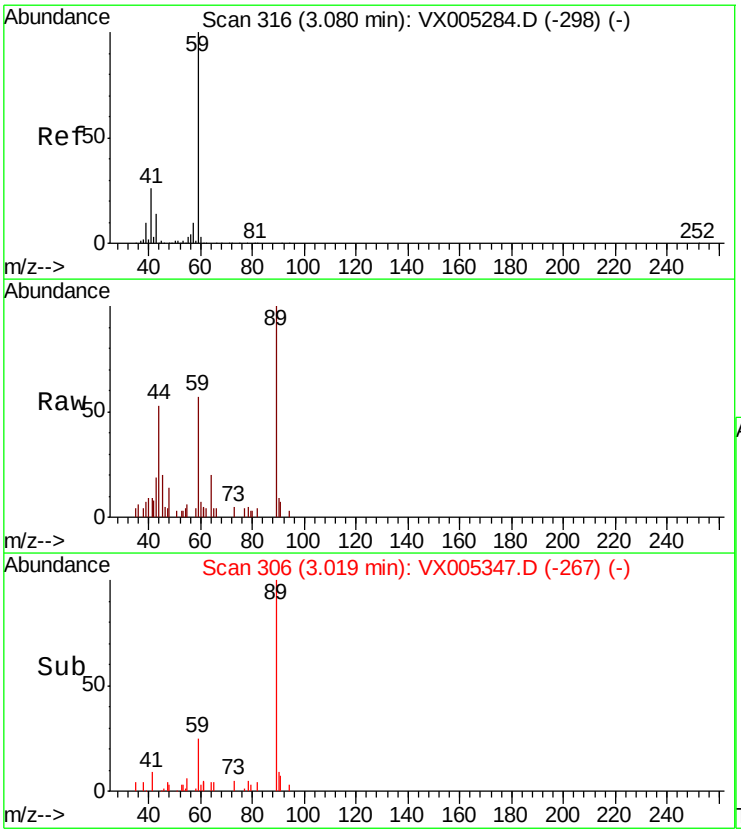
#6
Chloroethane
Concen: 0.400 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 128

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#

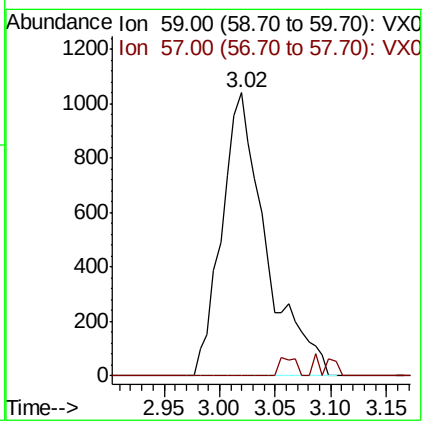


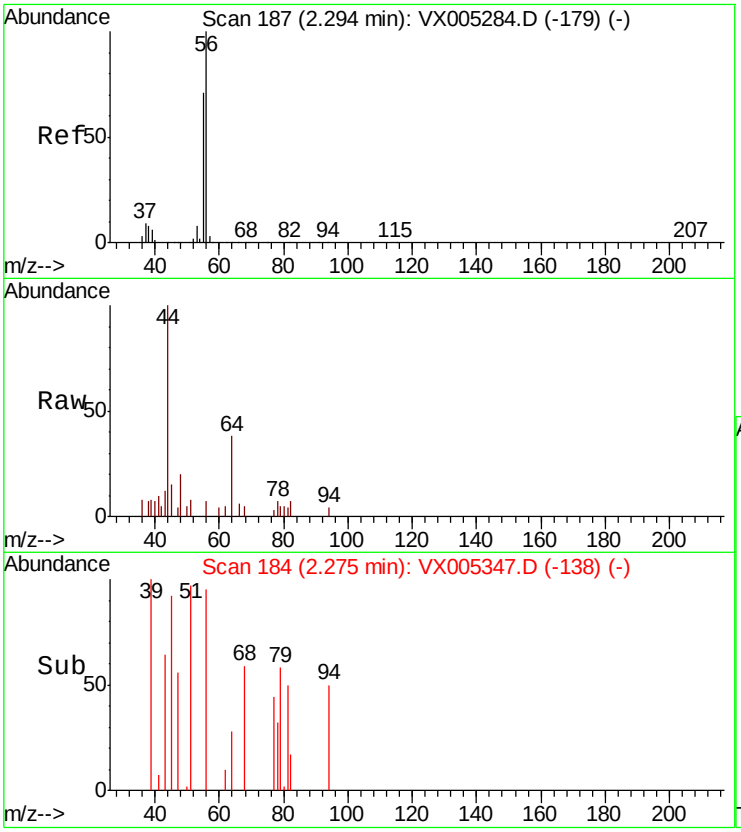


#11
Tert butyl alcohol
Concen: 3.514 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion: 59 Resp: 2875

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



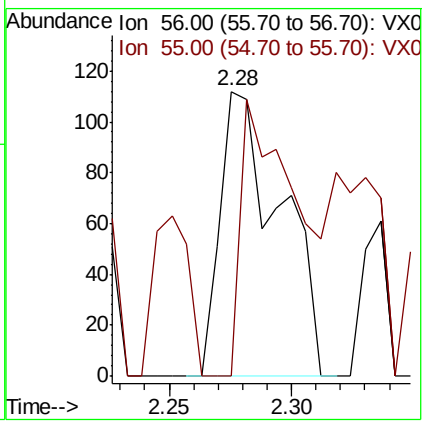


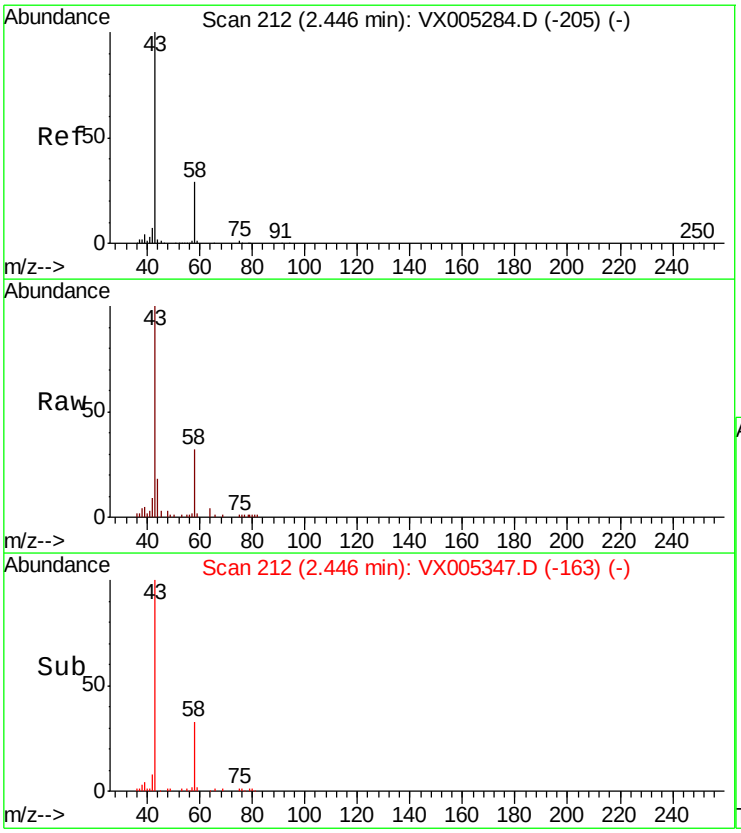
#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 192

Ion	Ratio	Lower	Upper
56	100		
55	90.1	54.7	82.1#

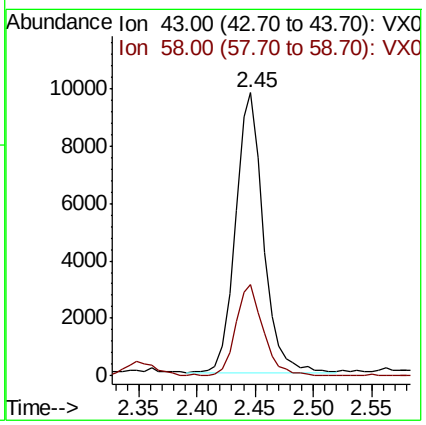


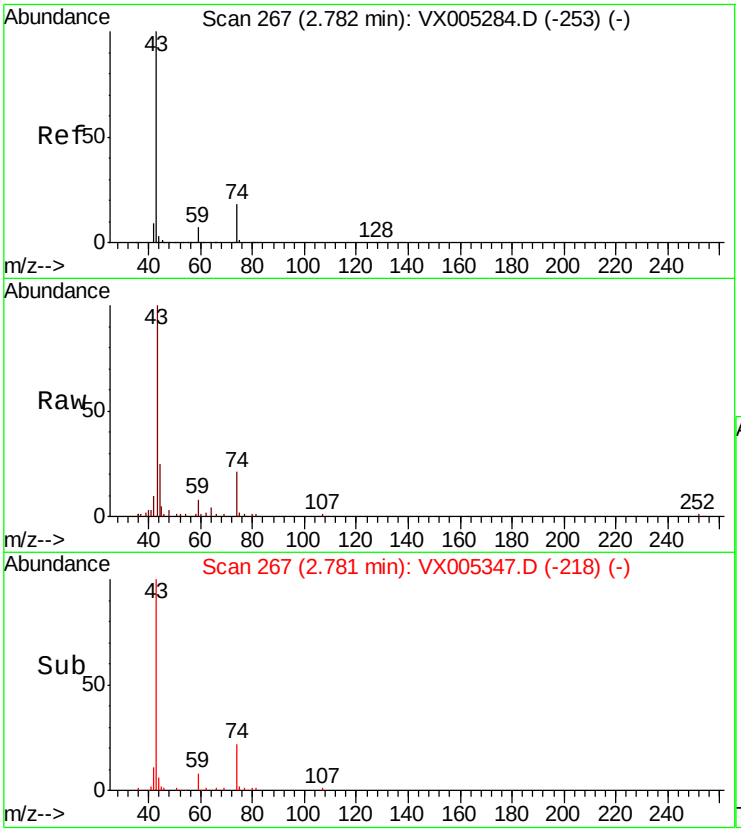


#16
Acetone
Concen: 9.615 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion: 43 Resp: 16125

Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.2	39.4



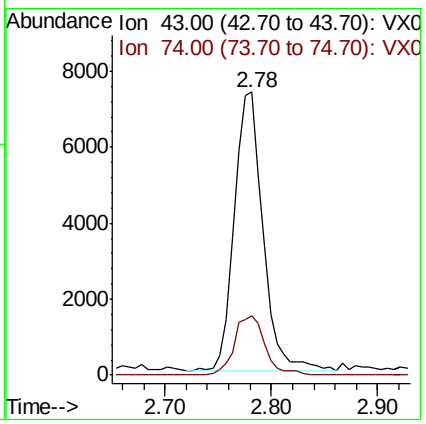


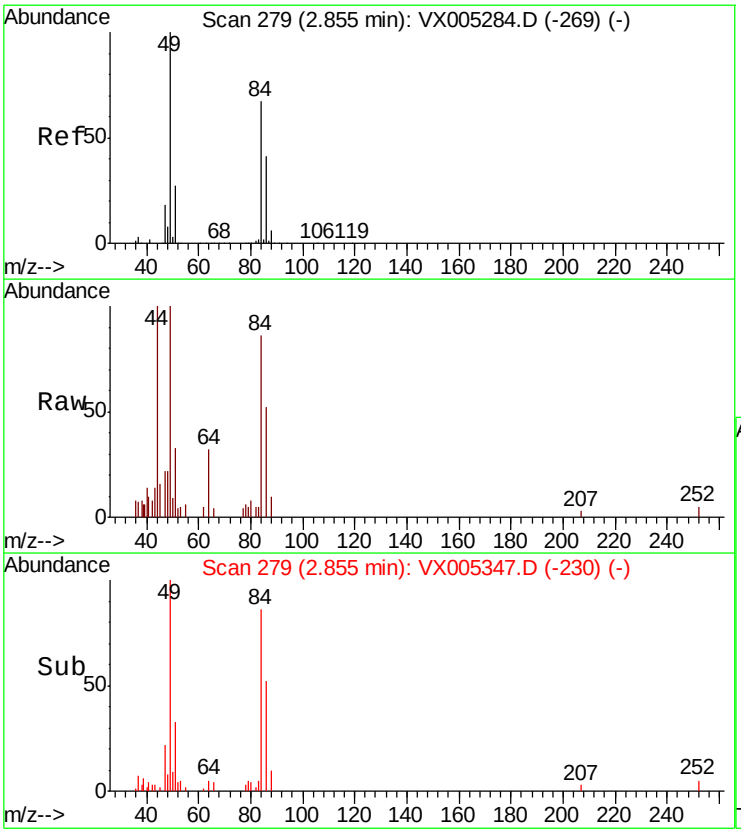
#18
Methyl Acetate
Concen: 2.909 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 13880

Ion	Ratio	Lower	Upper
43	100		
74	22.7	19.4	29.2

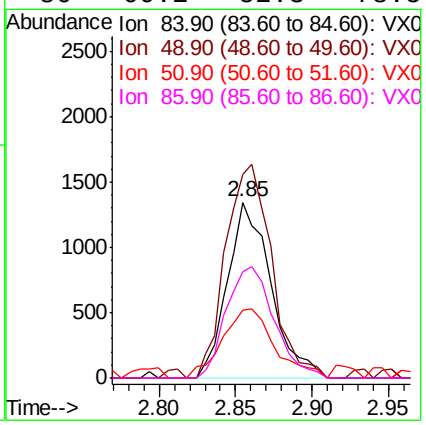


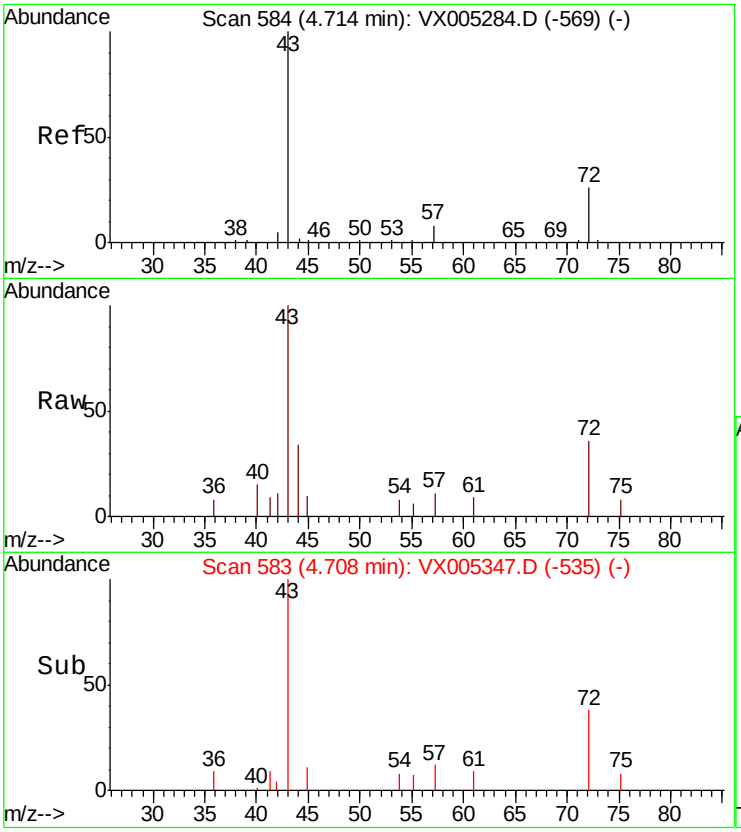


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion: 84 Resp: 2656

Ion	Ratio	Lower	Upper
84	100		
49	115.7	101.2	151.8
51	38.5	29.5	44.3
86	60.2	52.3	78.5



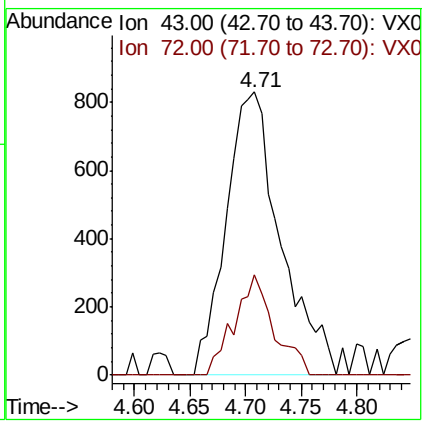


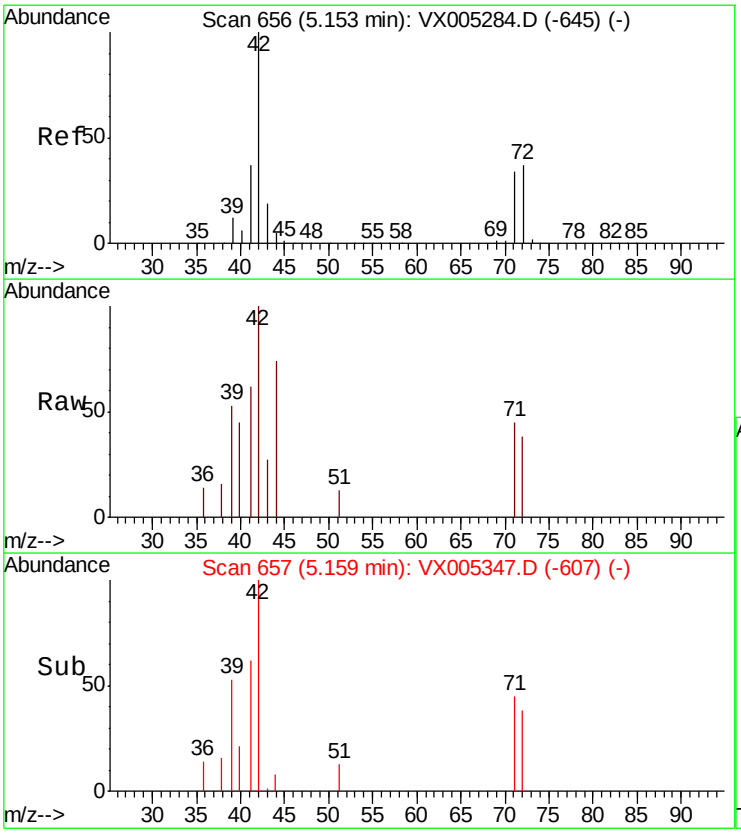
#25
2-Butanone
Concen: 1.149 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2820

Ion	Ratio	Lower	Upper
43	100		
72	35.7	22.0	33.0#

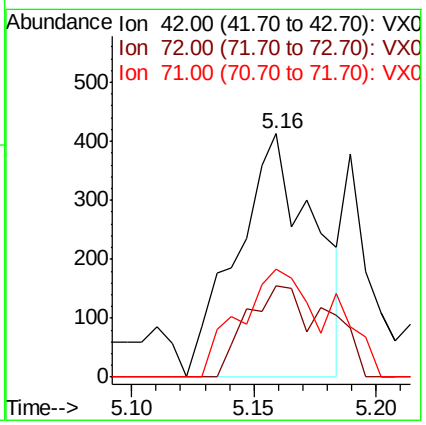


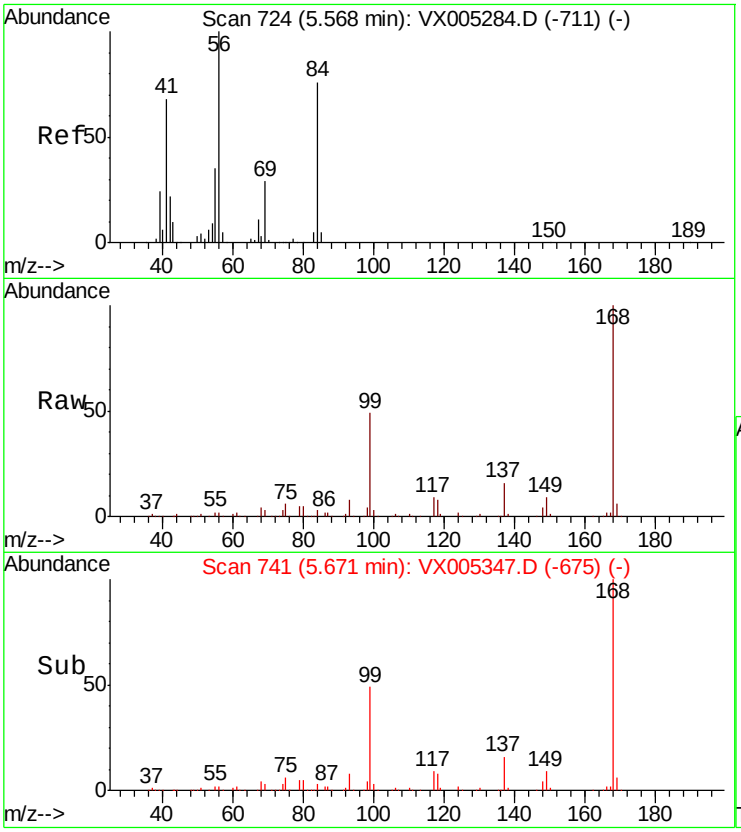


#29
Tetrahydrofuran
Concen: 0.578 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion: 42 Resp: 905

Ion	Ratio	Lower	Upper
42	100		
72	39.3	37.4	56.0
71	39.9	34.5	51.7



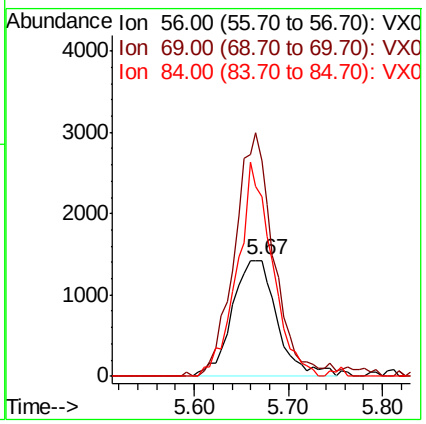


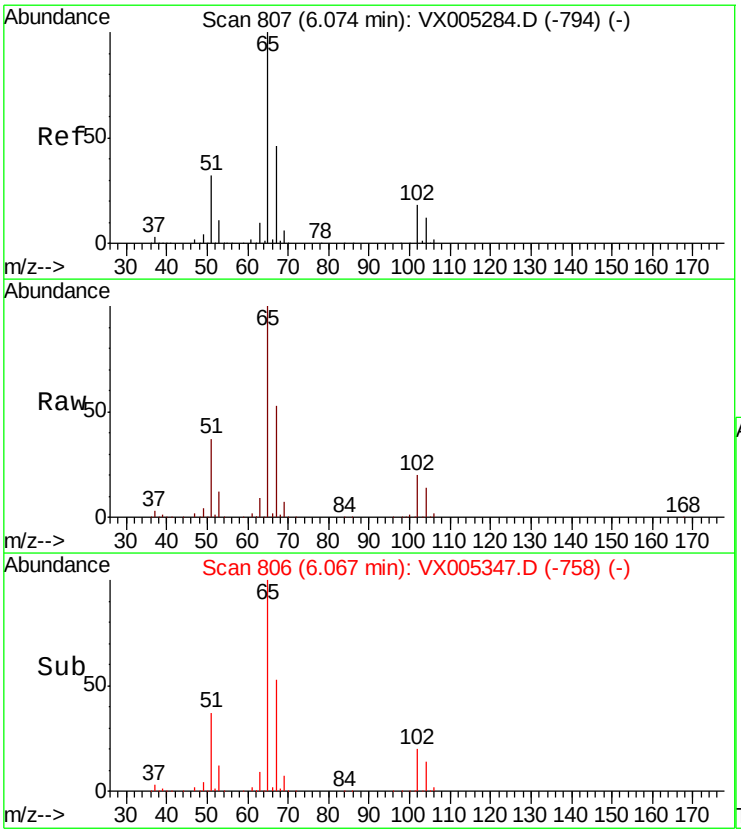
#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.10 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4758

Ion	Ratio	Lower	Upper
56	100		
69	182.4	25.4	38.2#
84	154.7	71.4	107.2#

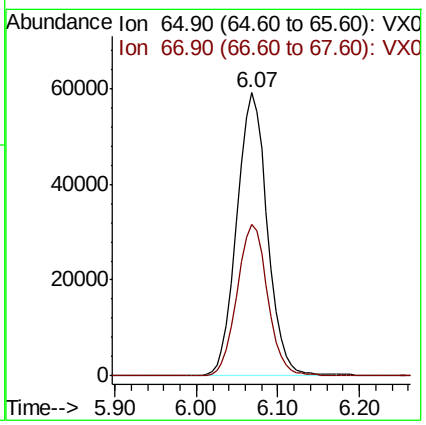


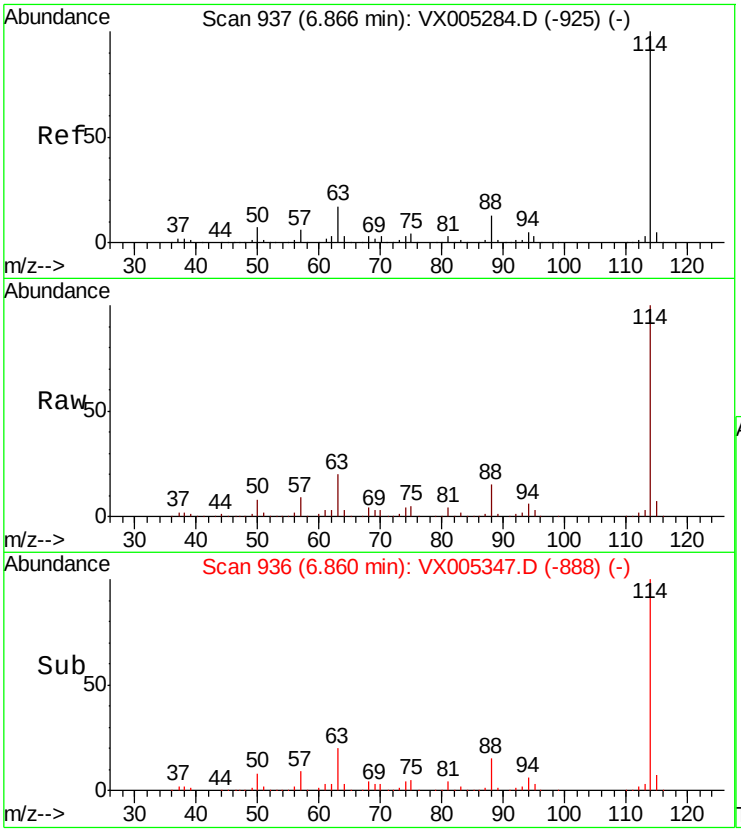


#33
1,2-Dichloroethane-d4
Concen: 52.973 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion: 65 Resp: 153655

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8



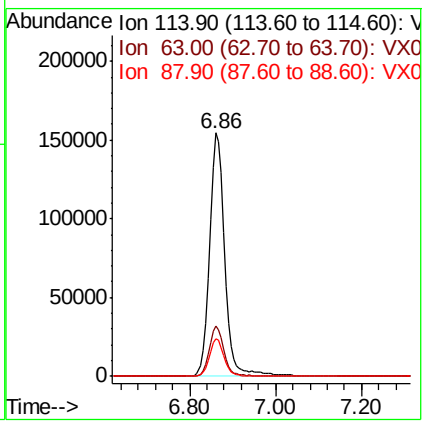


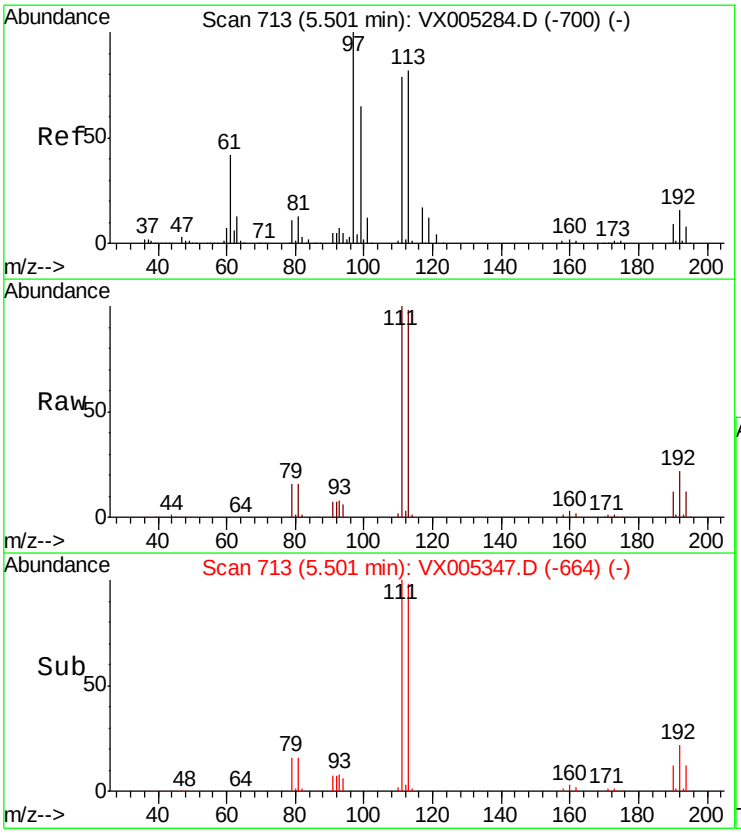
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 386594

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	15.2	0.0	30.4

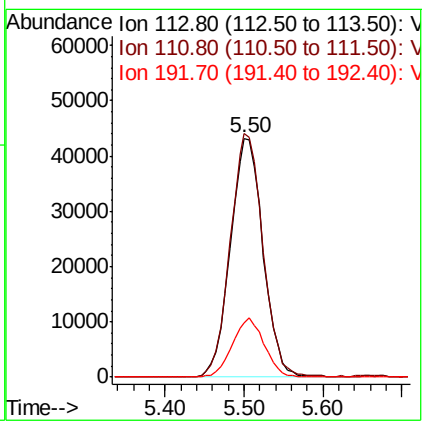


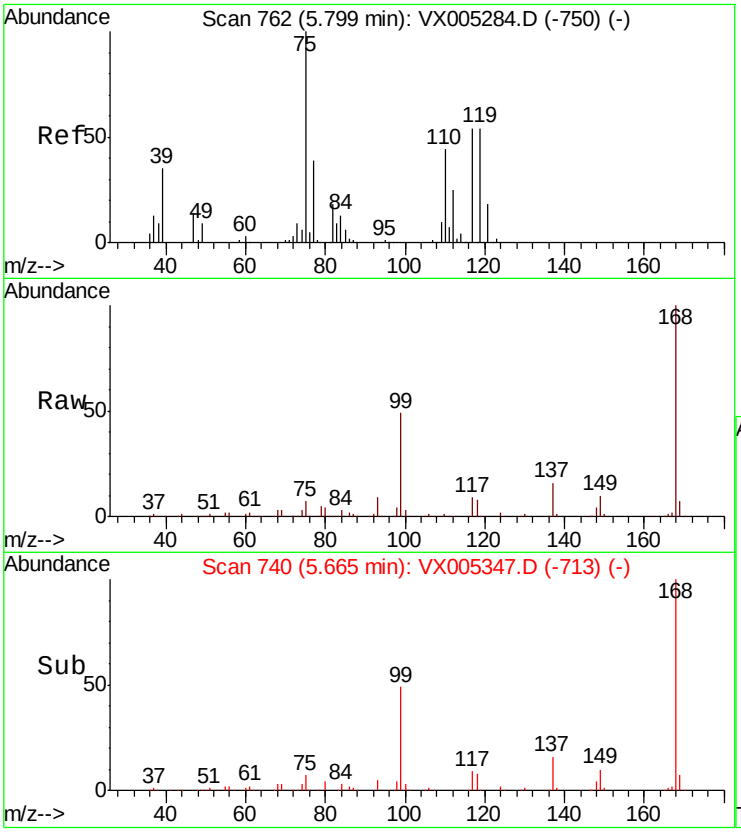


#35
Dibromofluoromethane
Concen: 48.577 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion:113 Resp: 124383

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	23.9	19.4	29.2



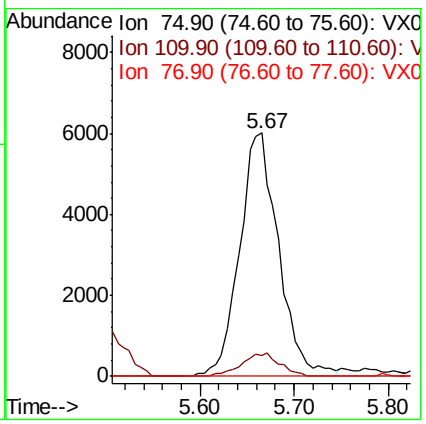


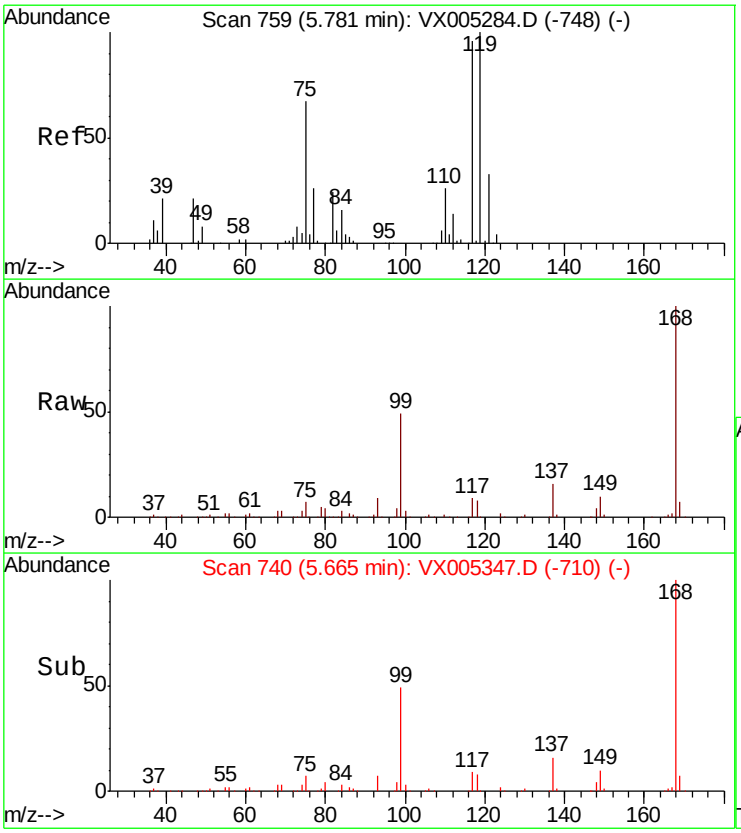
#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 17372

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.0	54.0#
77	0.0	24.6	36.8#

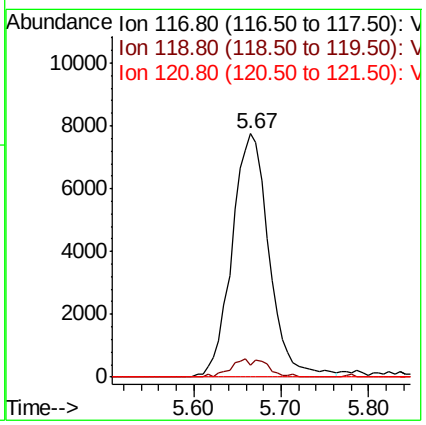


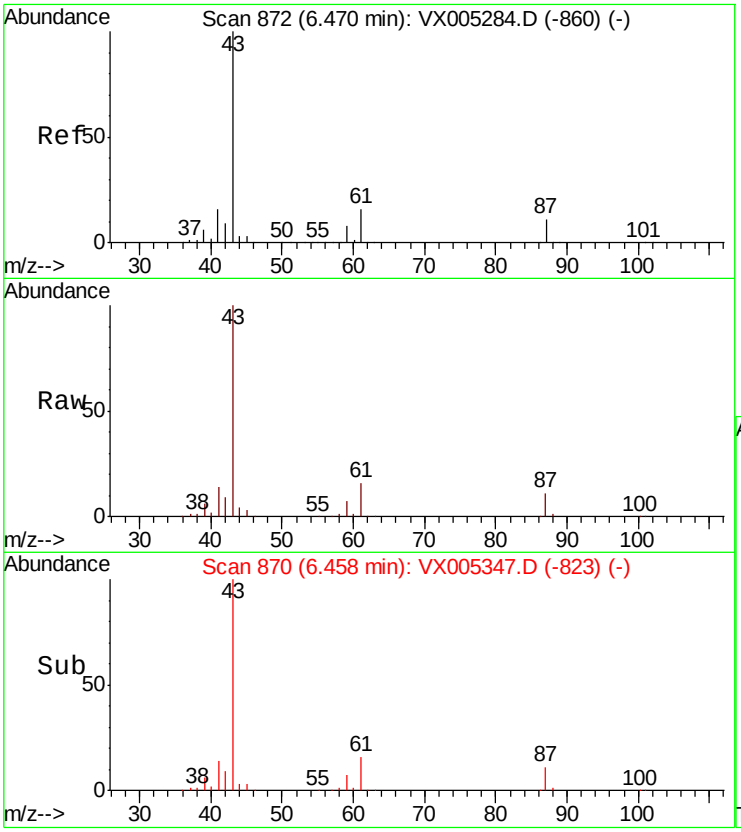


#38
Carbon Tetrachloride
Concen: 6.058 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion:117 Resp: 22790

Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.8	118.2#
121	0.0	24.9	37.3#



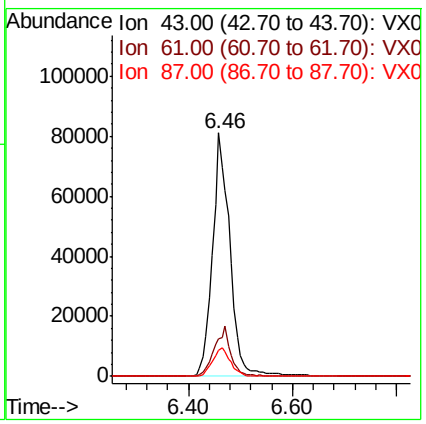


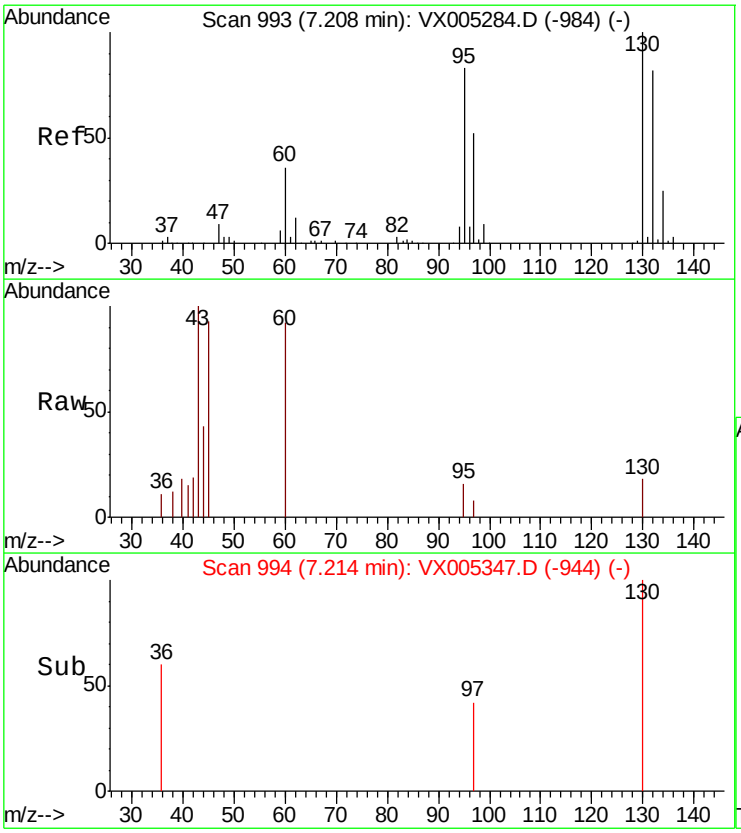
#43
Isopropyl Acetate
Concen: 29.724 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 190655

Ion	Ratio	Lower	Upper
43	100		
61	19.0	17.0	25.4
87	12.3	11.4	17.2

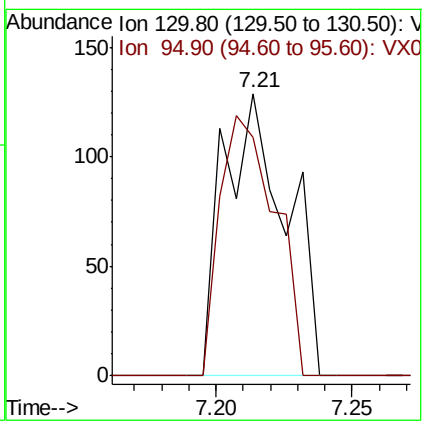


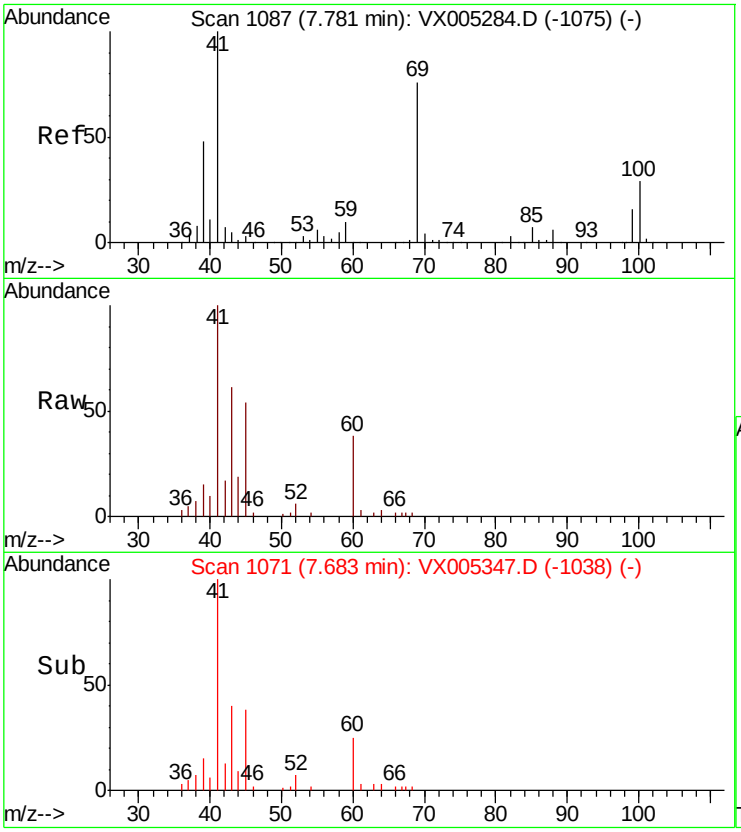


#44
Trichloroethene
Concen: Below Cal
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion:130 Resp: 207

Ion	Ratio	Lower	Upper
130	100		
95	84.5	0.0	181.6



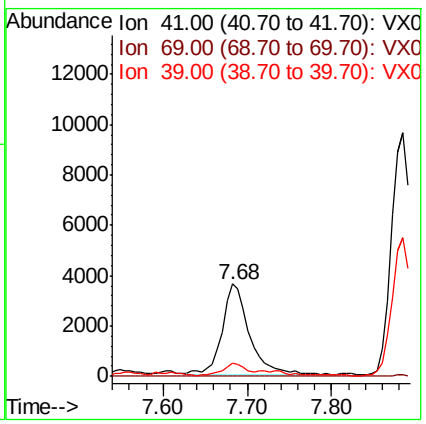


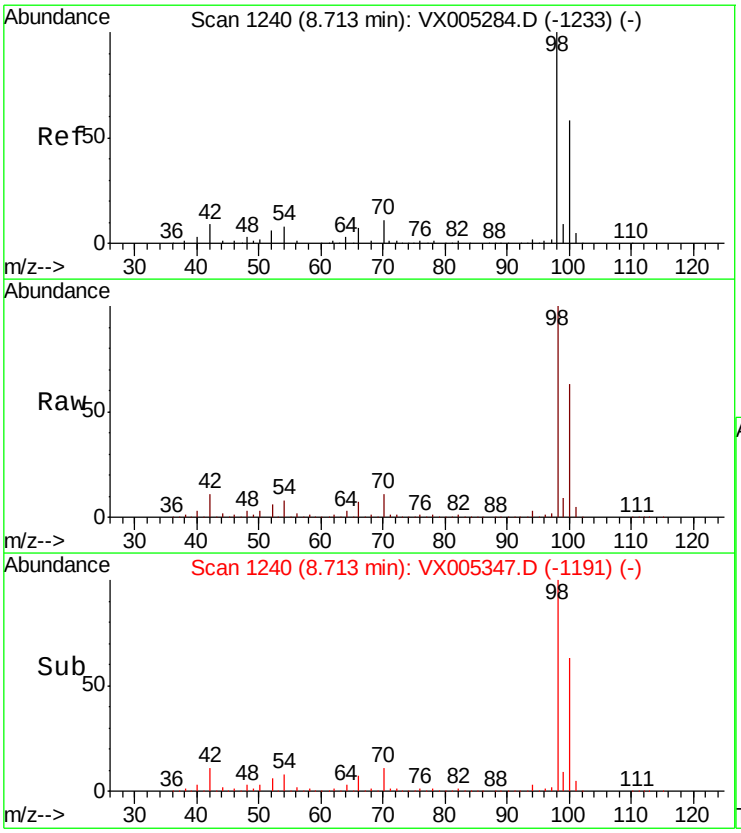
#48
Methyl methacrylate
Concen: 2.383 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.10 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 7928

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	12.9	42.7	64.1#

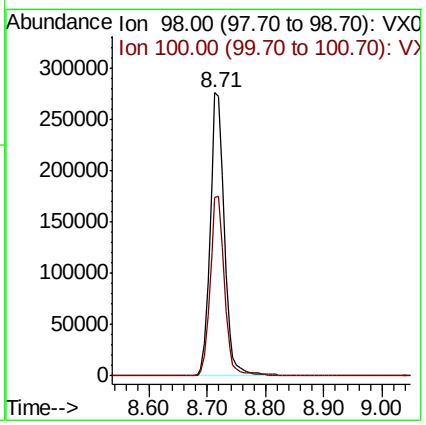


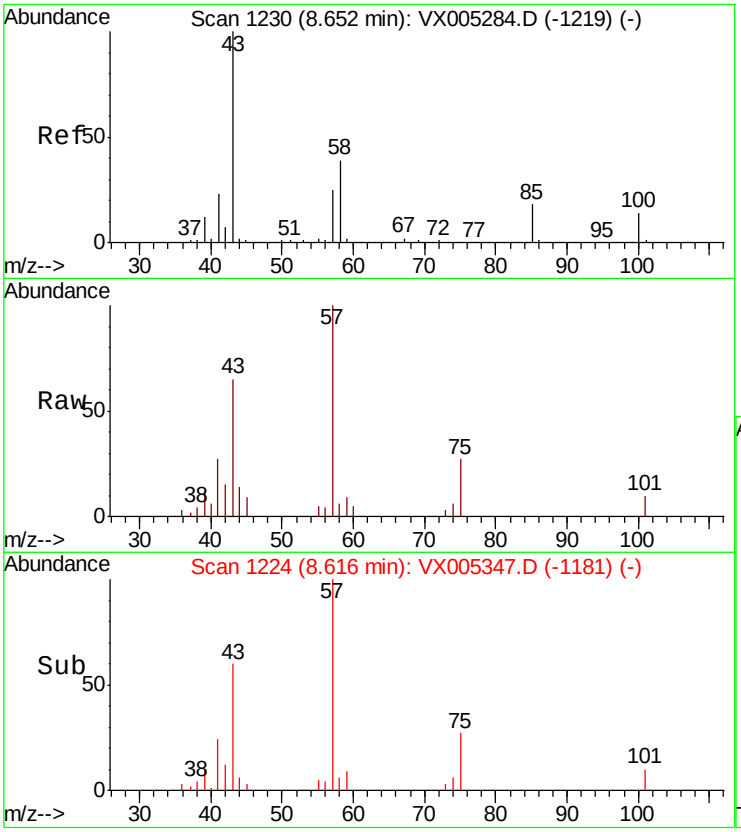


#50
Toluene-d8
Concen: 53.154 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion: 98 Resp: 467247

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.9	79.3



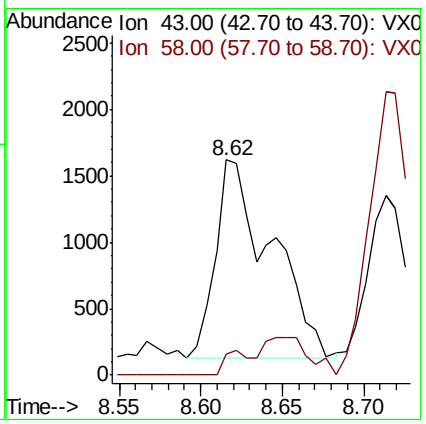


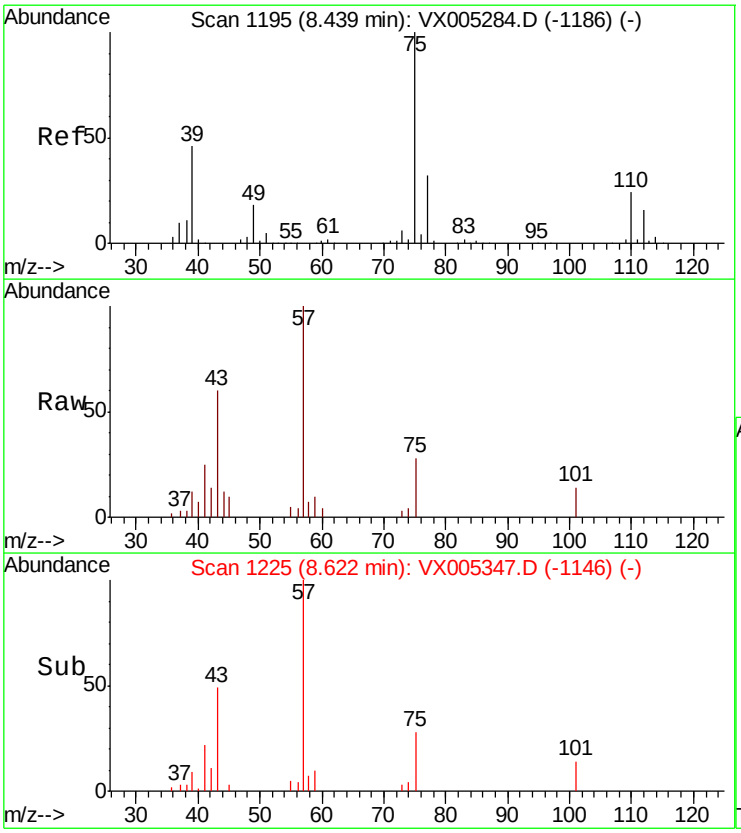
#51
4-Methyl-2-Pentanone
Concen: 0.794 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.04 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3526

Ion	Ratio	Lower	Upper
43	100		
58	4.9	33.1	49.7#

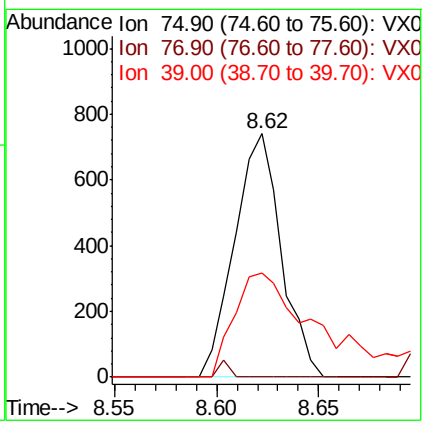


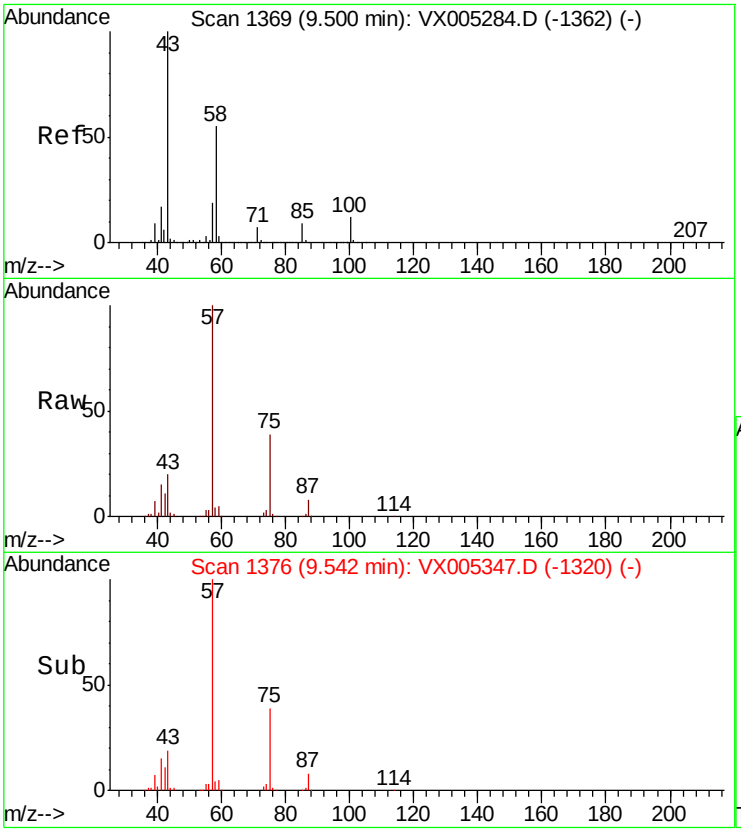


#54
cis-1,3-Dichloropropene
Concen: 0.298 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion: 75 Resp: 1177

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	42.6	36.4	54.6



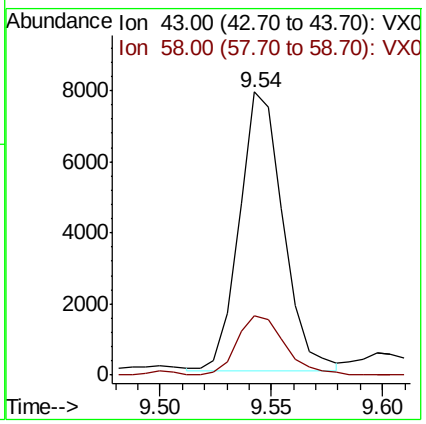


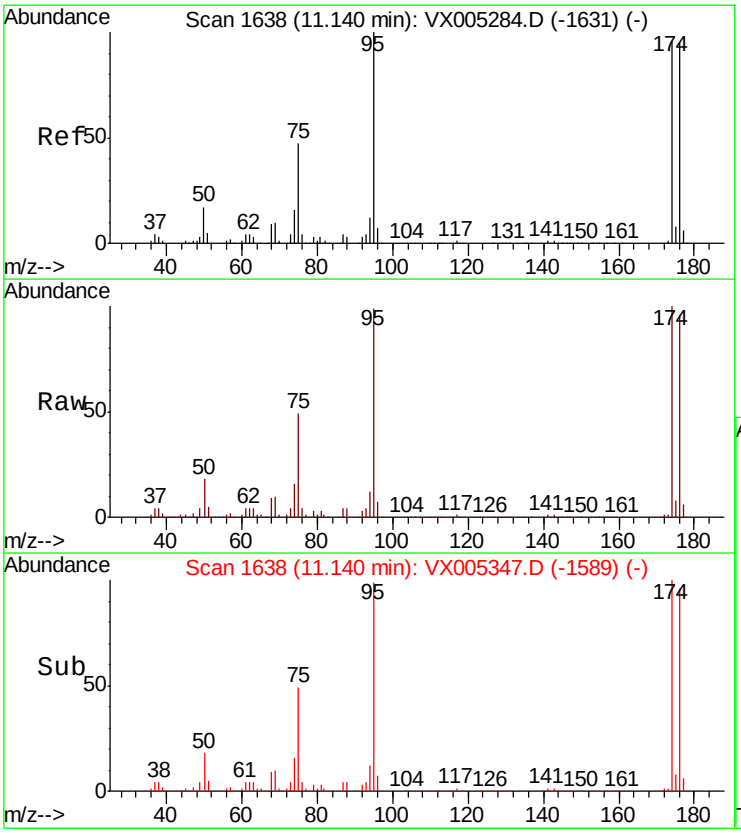
#59
2-Hexanone
Concen: 3.017 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 10779

Ion	Ratio	Lower	Upper
43	100		
58	23.2	29.0	87.0#

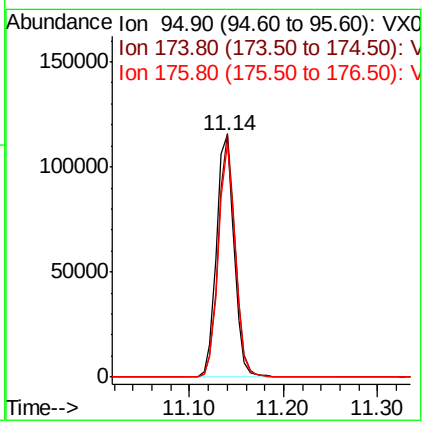


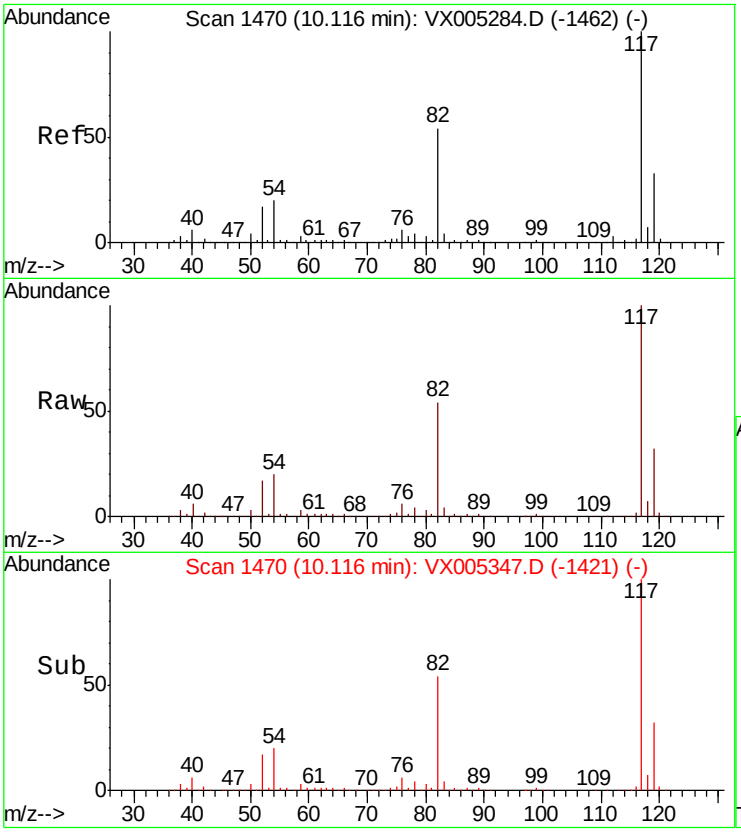


#62
4-Bromofluorobenzene
Concen: 45.461 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion: 95 Resp: 150123

Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	185.2
176	92.2	0.0	178.6



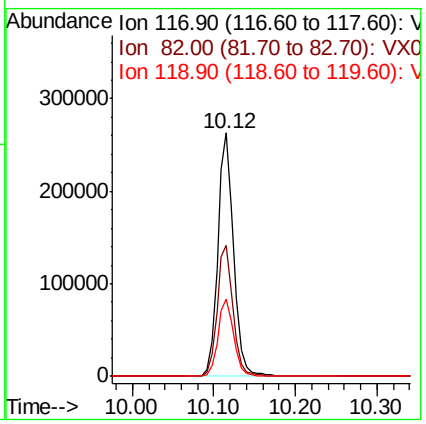


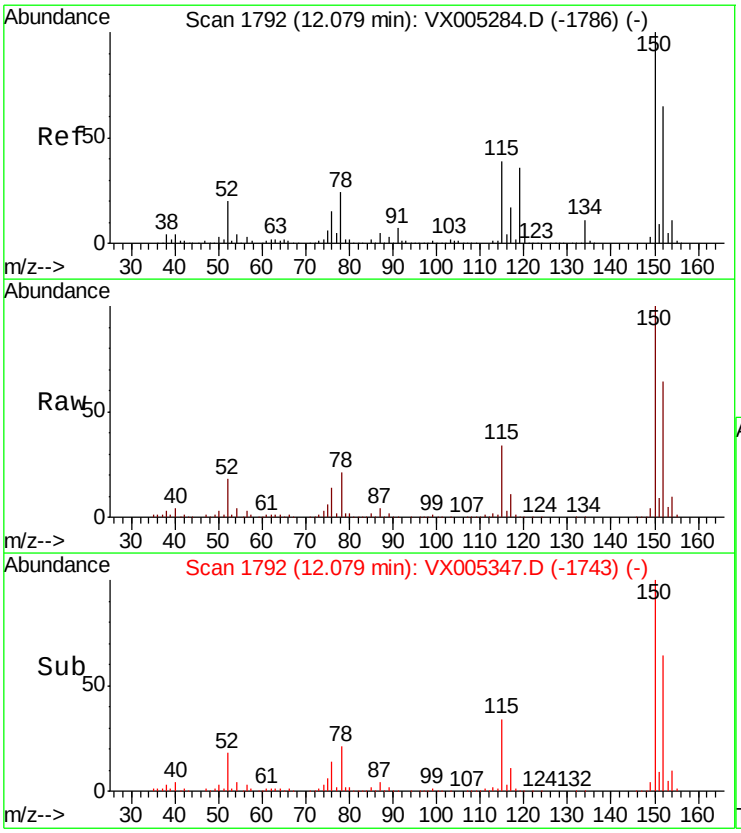
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 356130

Ion	Ratio	Lower	Upper
117	100		
82	53.6	47.8	71.6
119	32.0	29.3	43.9

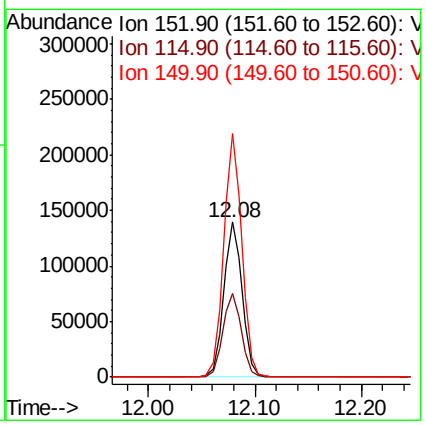


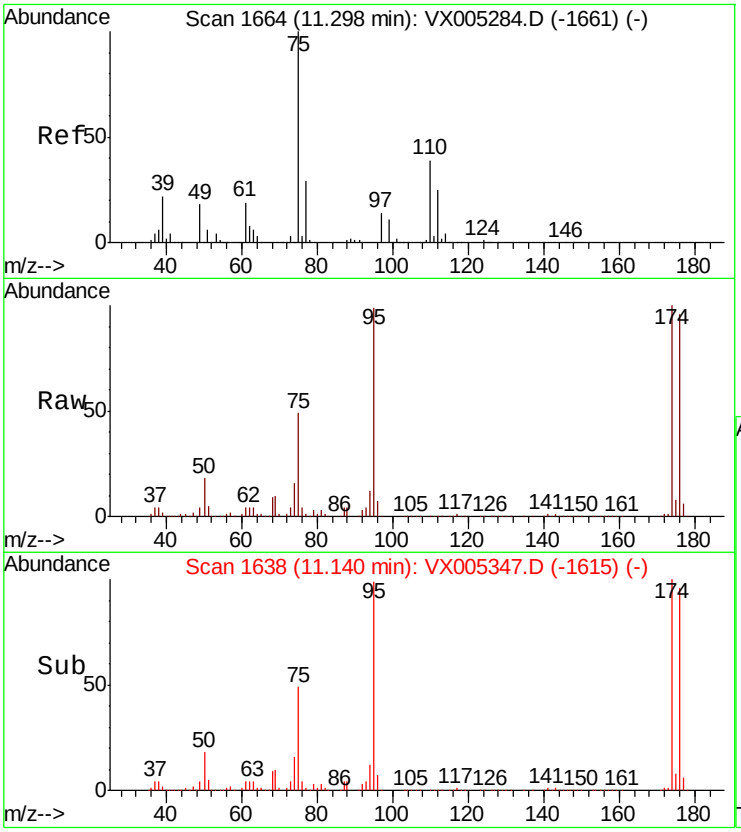


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion:152 Resp: 167133

Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.0	117.0
150	155.8	0.0	351.0



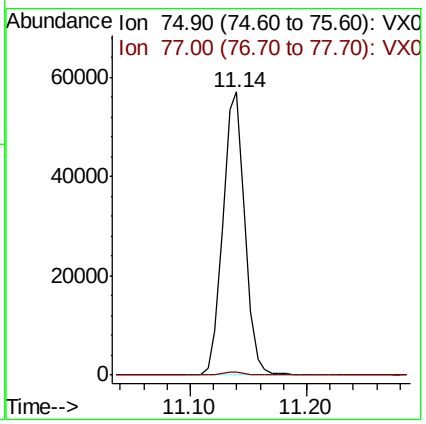


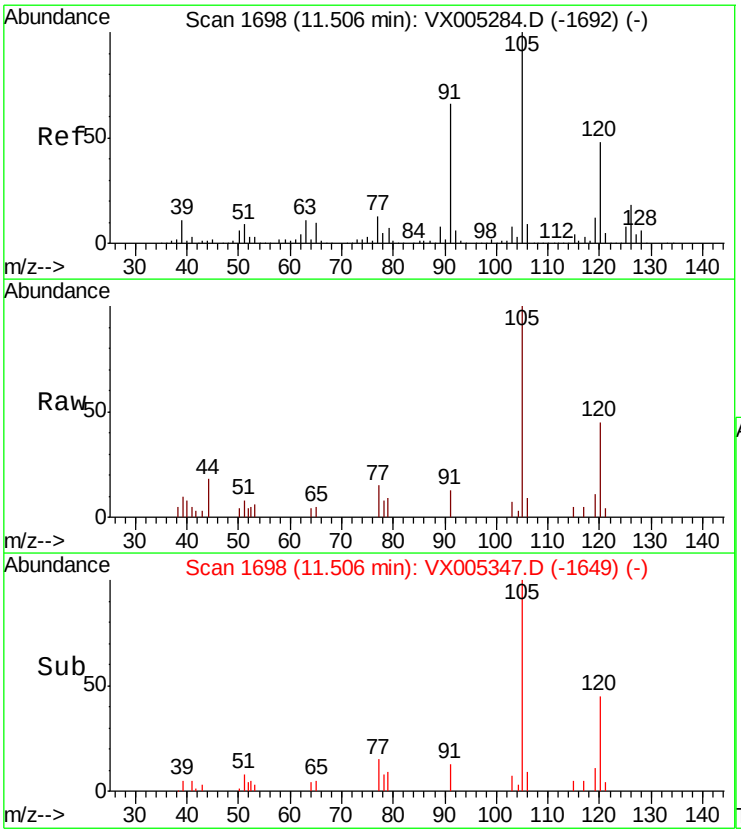
#76
1,2,3-Trichloropropane
Concen: 22.857 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 74100

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

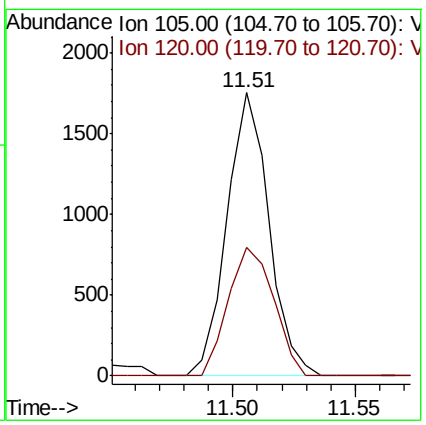


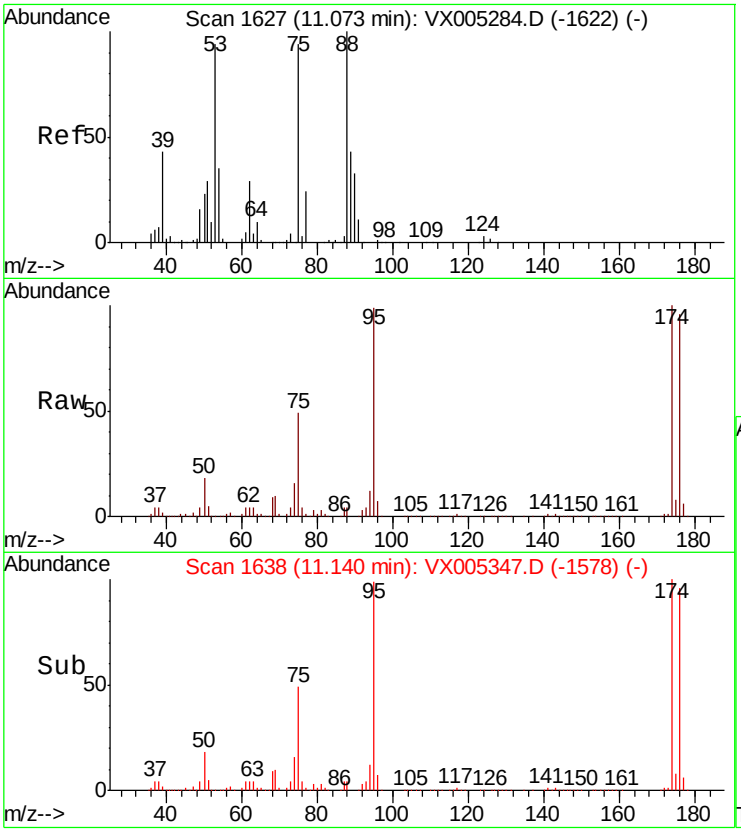


#80
1,3,5-Trimethylbenzene
Concen: 0.246 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Tgt Ion:105 Resp: 2091

Ion	Ratio	Lower	Upper
105	100		
120	49.3	25.6	76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 69.450 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005347.D
Acq: 15 Oct 2018 16:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 74100

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.0	37.2	55.8#