Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110518\
Data File : VX005781.D
Acq On : 05 Nov 2018 16:31
Operator : JC/MD
Sample : PB114444TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 06 00:45:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	143884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	242896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	107333	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.04%			
35) Dibromofluoromethane	5.50	113	86241	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.56%			
50) Toluene-d8	8.71	98	294005	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.68%			
62) 4-Bromofluorobenzene	11.14	95	93341	42.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.76%			
Target Compounds						Qvalue
6) Chloroethane	1.78	64	20	Below Cal	#	42
8) Diethyl Ether	2.18	74	247	0.210	ug/l	94
11) Tert butyl alcohol	3.03	59	786	1.376	ug/l #	72
13) Acrolein	2.30	56	96	12.406	ug/l #	74
16) Acetone	2.45	43	6414	Below Cal	#	86
18) Methyl Acetate	2.78	43	4313	1.429	ug/l #	90
20) Methylene Chloride	2.86	84	3466	1.911	ug/l	91
25) 2-Butanone	4.71	43	1229	0.693	ug/l	98
29) Tetrahydrofuran	5.16	42	639	0.590	ug/l #	70
31) Cyclohexane	5.66	56	3575	1.272	ug/l #	6
36) 1,1-Dichloropropene	5.65	75	12244	4.731	ug/l #	48
38) Carbon Tetrachloride	5.67	117	14689	6.283	ug/l #	16
43) Isopropyl Acetate	6.46	43	119878	25.016	ug/l	97
48) Methyl methacrylate	7.68	41	4047	1.745	ug/l #	31
51) 4-Methyl-2-Pentanone	8.62	43	1387	0.424	ug/l #	38
54) cis-1,3-Dichloropropene	8.62	75	656	0.239	ug/l #	73
56) Ethyl methacrylate	9.38	69	74	2.494	ug/l #	1
59) 2-Hexanone	9.54	43	6336	2.383	ug/l #	62
76) 1,2,3-Trichloropropane	11.14	75	49432	21.423	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	1355	0.261	ug/l	82
81) trans-1,4-Dichloro-2-buten	11.14	75	49432	69.216	ug/l #	9

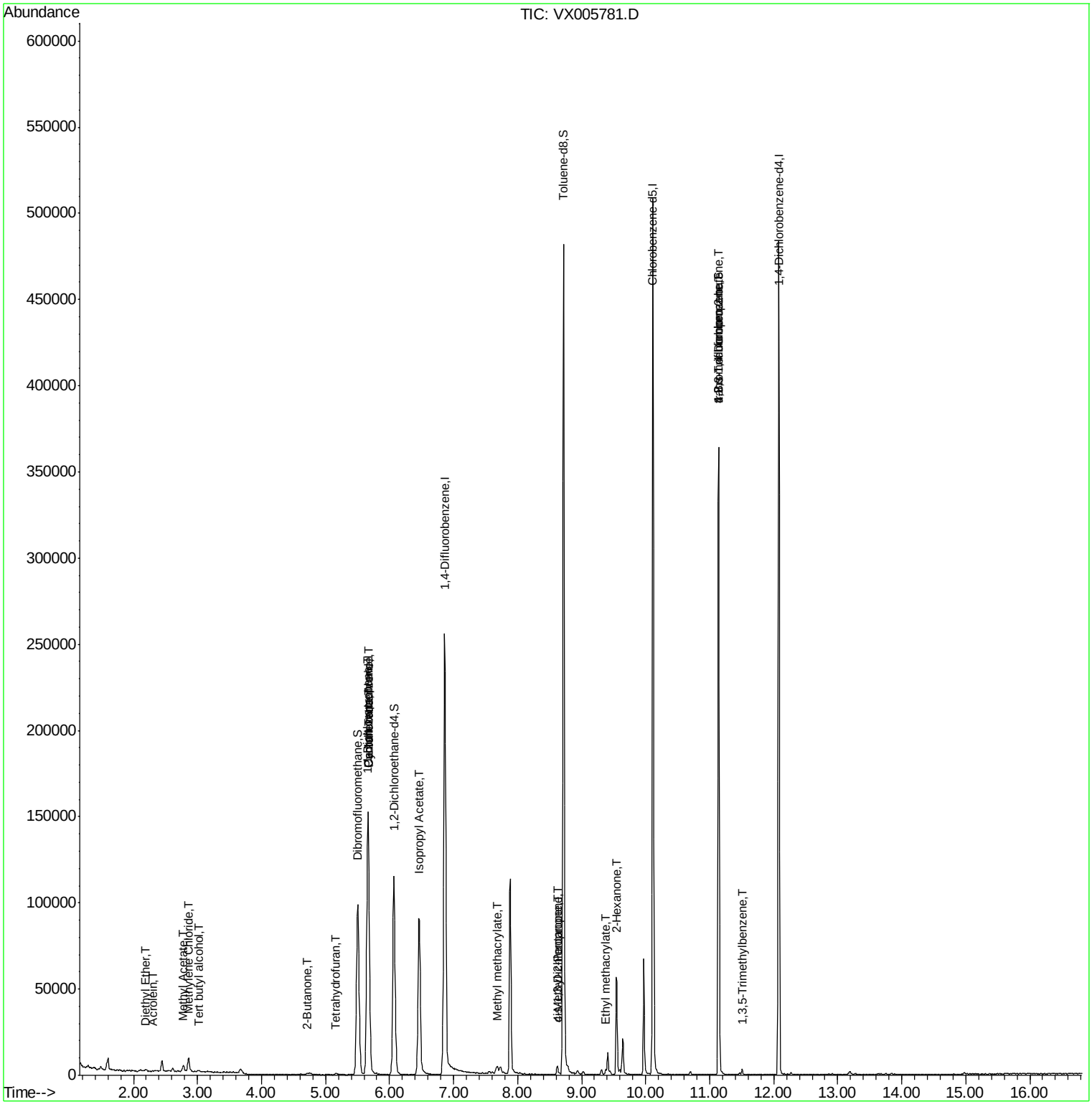
(#) = qualifier out of range (m) = manual integration (+) = signals summed

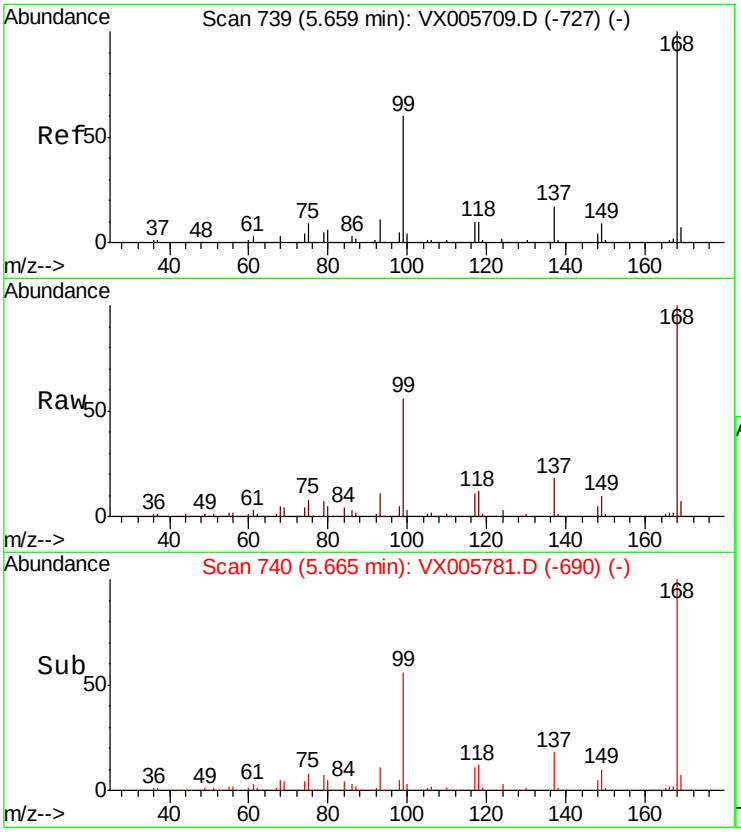
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
Data File : VX005781.D
Acq On : 05 Nov 2018 16:31
Operator : JC/MD
Sample : PB114444TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 06 00:45:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration



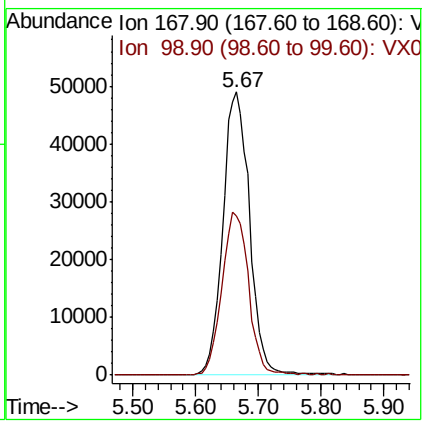


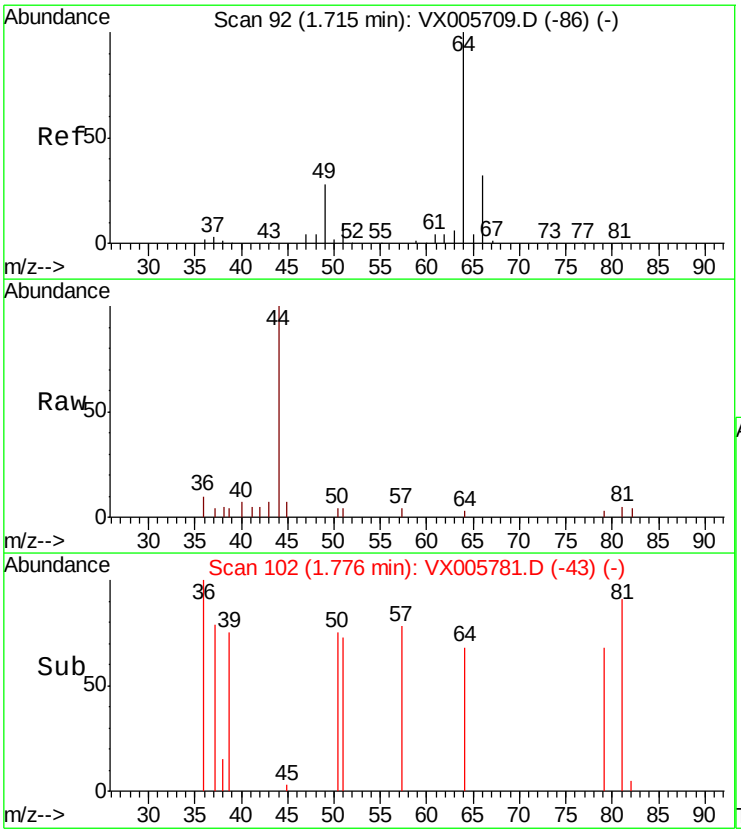
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 143884

Ion	Ratio	Lower	Upper
168	100		
99	56.4	40.7	61.1

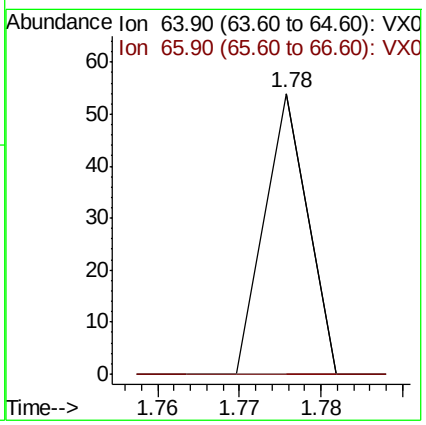


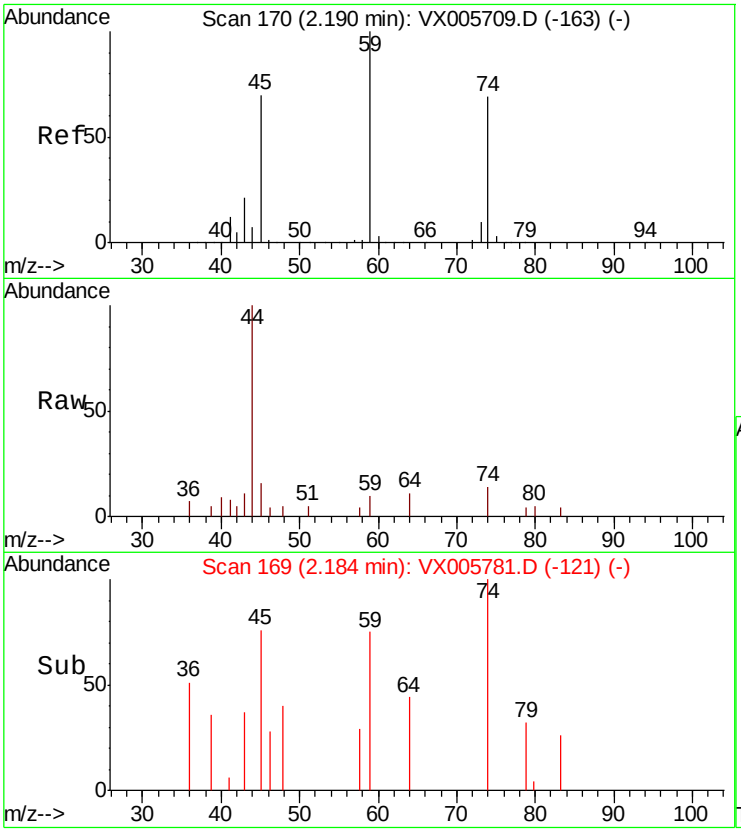


#6
Chloroethane
Concen: Below Cal
RT: 1.78 min Scan# 102
Delta R.T. 0.06 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion: 64 Resp: 20

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.6#



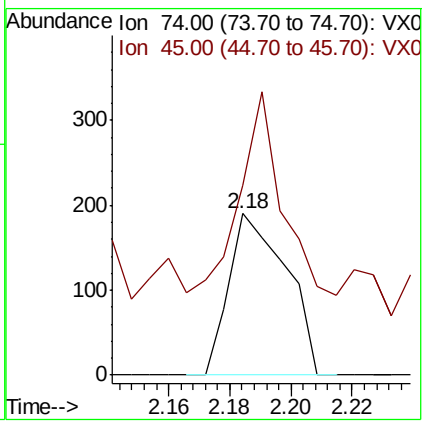


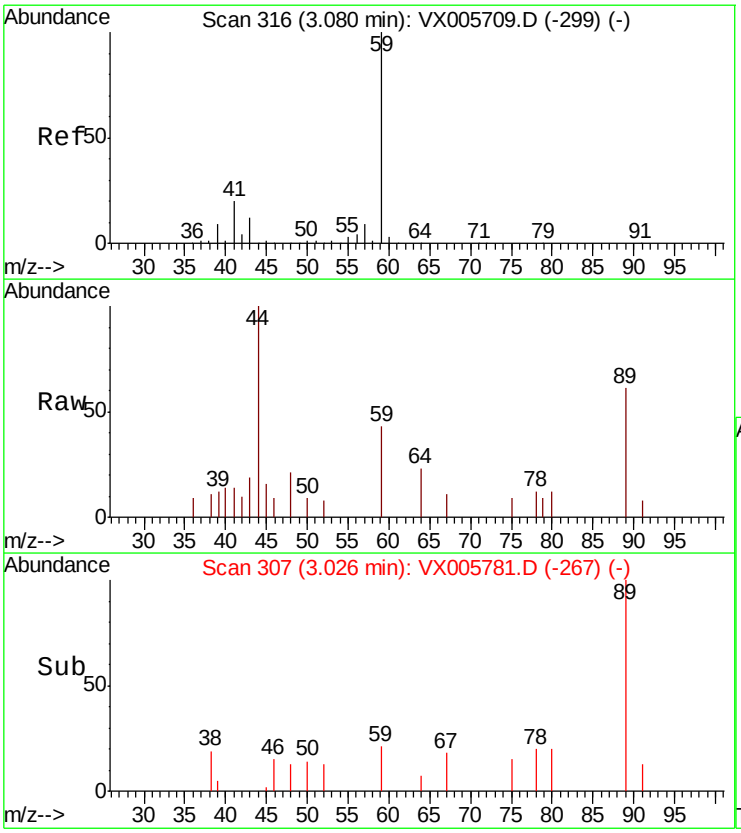
#8
Diethyl Ether
Concen: 0.210 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 247

Ion	Ratio	Lower	Upper
74	100		
45	102.0	54.1	162.3

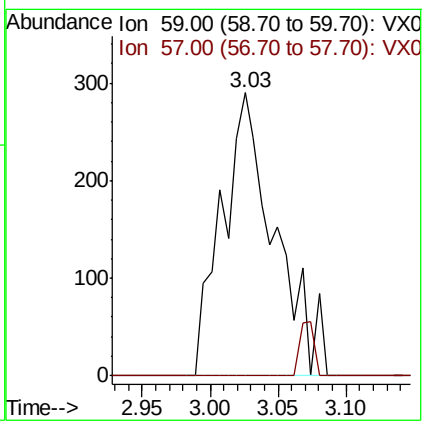


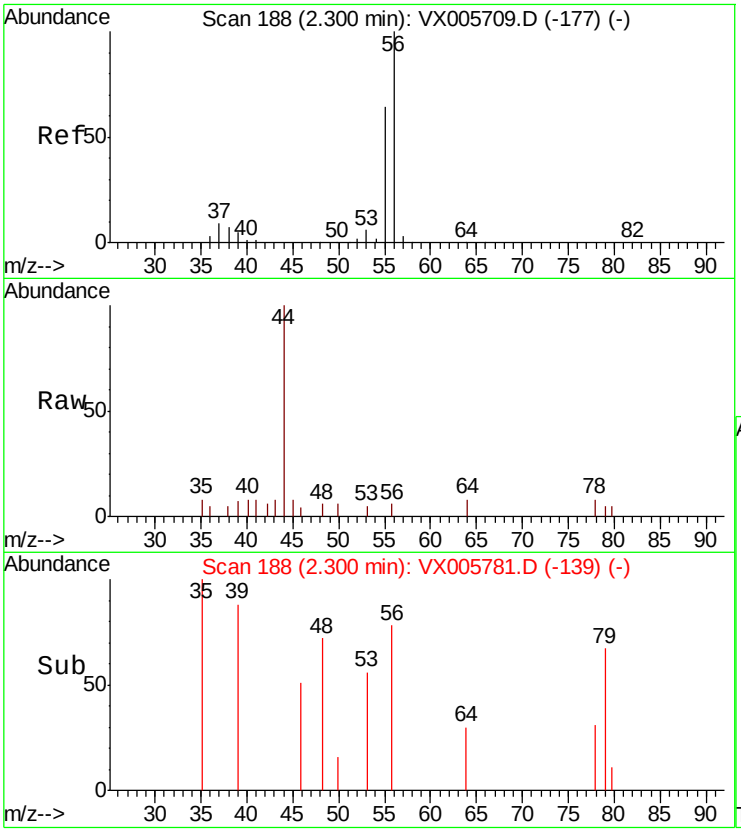


#11
Tert butyl alcohol
Concen: 1.376 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion: 59 Resp: 786

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



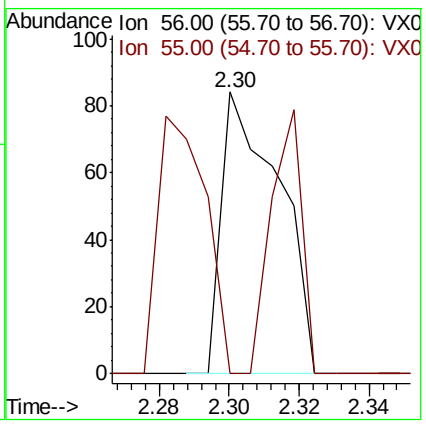


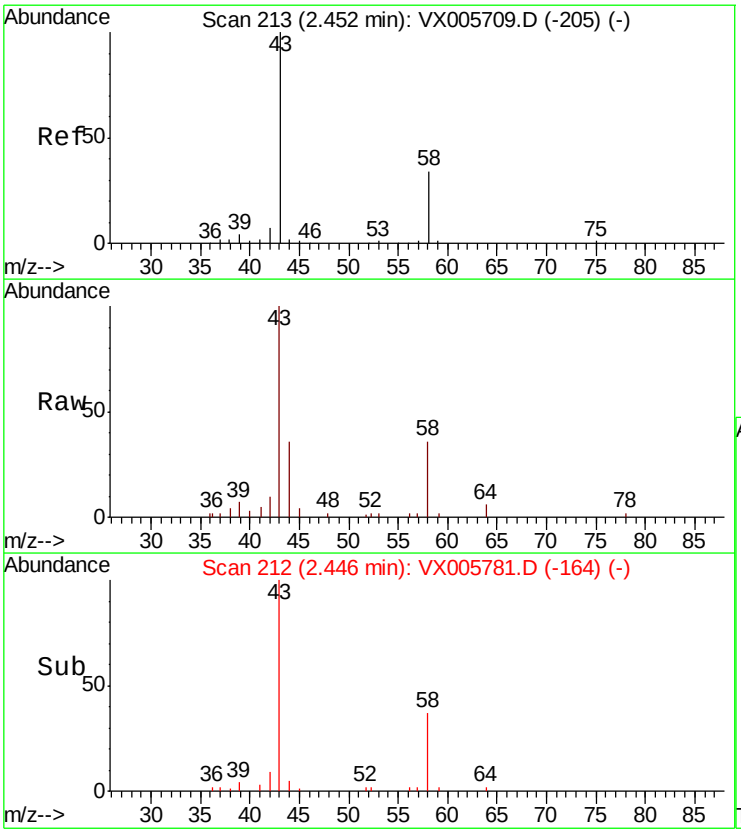
#13
Acrolein
Concen: 12.406 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 96

Ion	Ratio	Lower	Upper
56	100		
55	50.0	57.3	85.9#

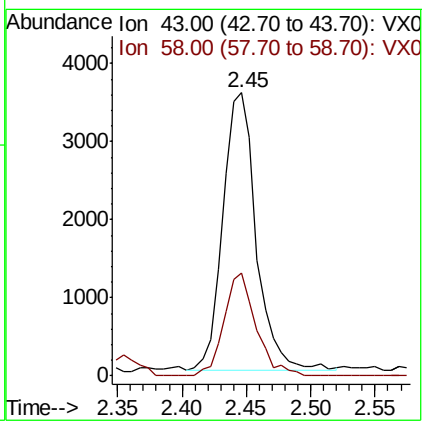


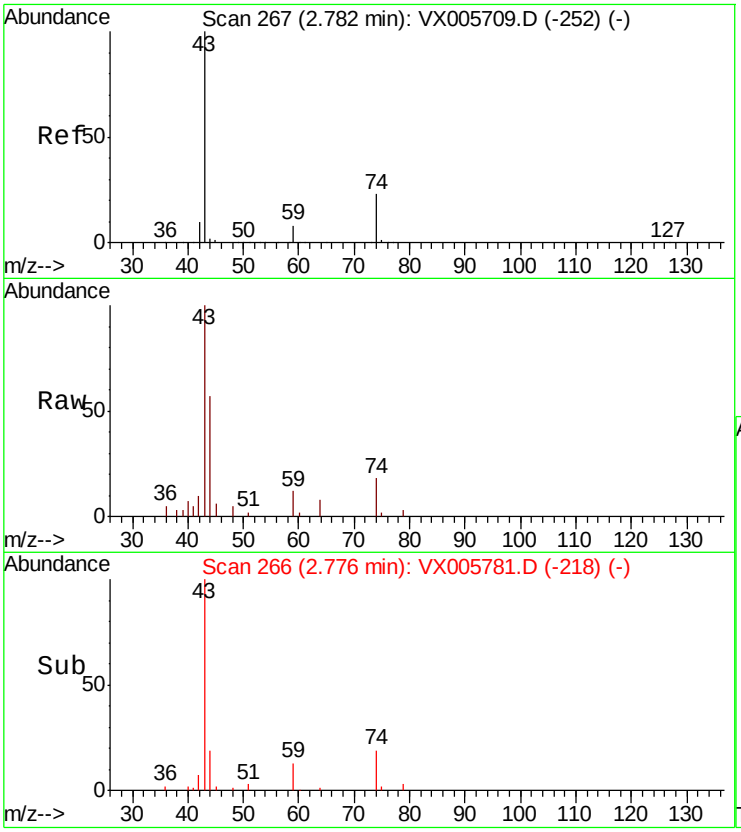


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion: 43 Resp: 6414

Ion	Ratio	Lower	Upper
43	100		
58	37.0	23.8	35.6#



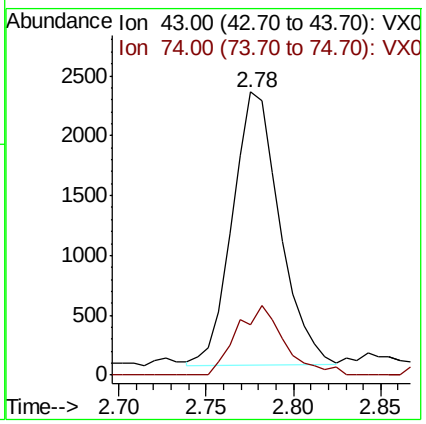


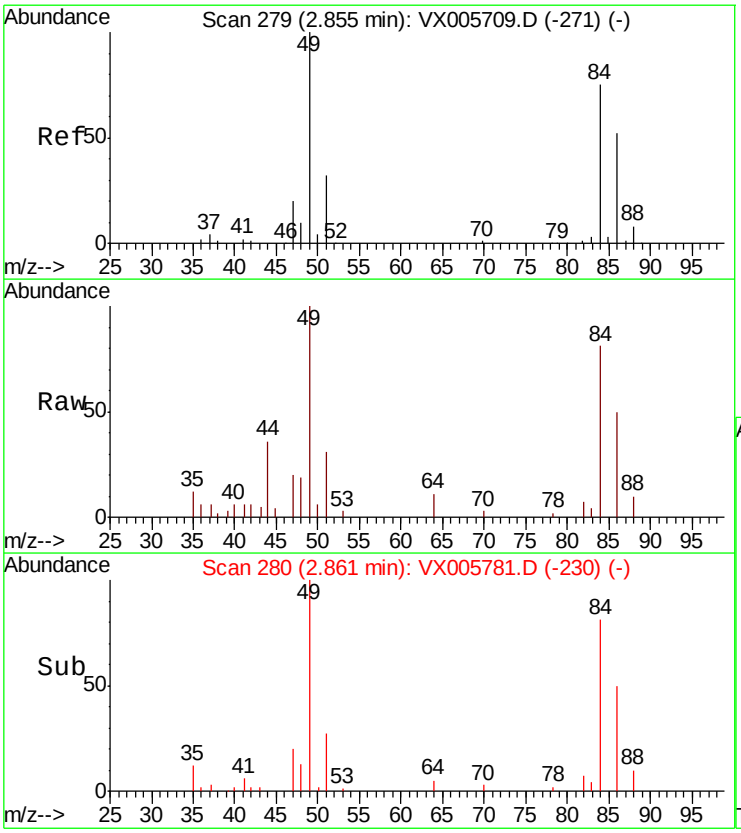
#18
Methyl Acetate
Concen: 1.429 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4313

Ion	Ratio	Lower	Upper
43	100		
74	25.9	16.8	25.2#

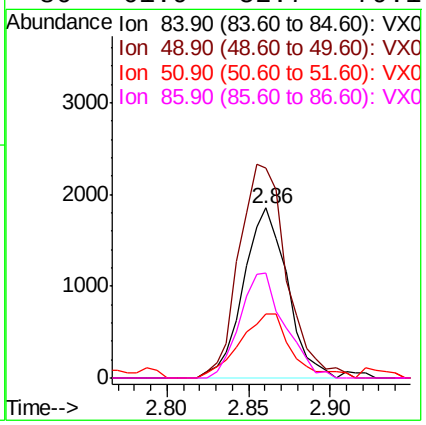


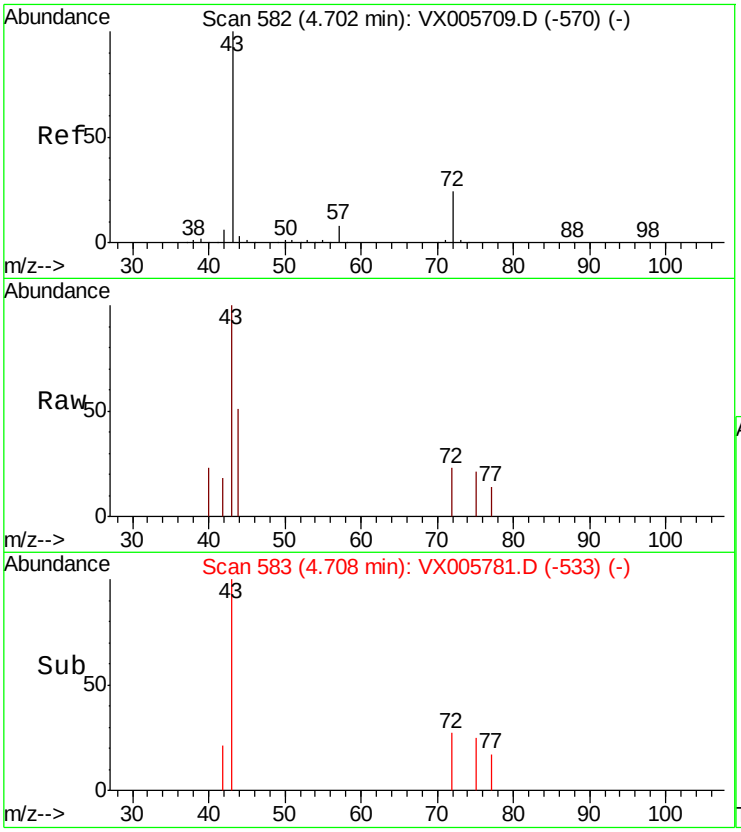


#20
Methylene Chloride
Concen: 1.911 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion: 84 Resp: 3466

Ion	Ratio	Lower	Upper
84	100		
49	123.6	109.5	164.3
51	37.8	33.3	49.9
86	61.9	52.7	79.1



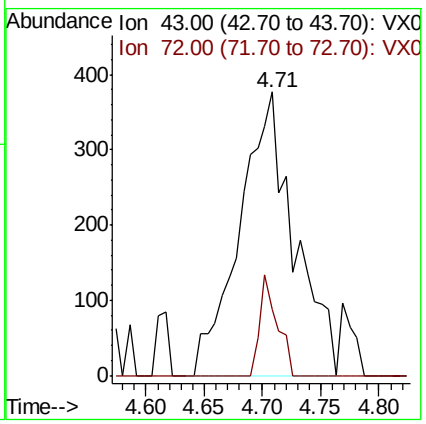


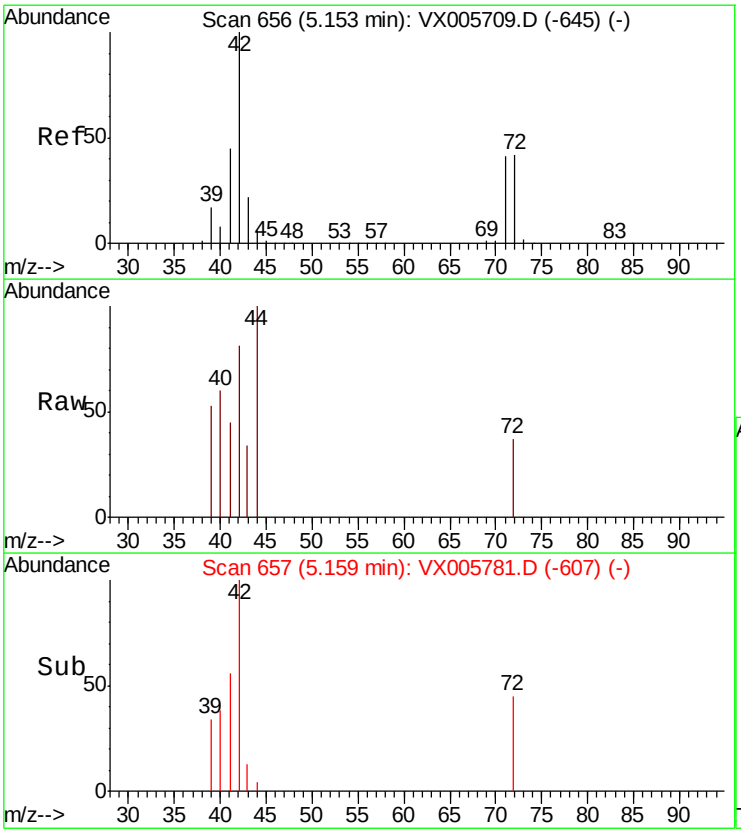
#25
2-Butanone
Concen: 0.693 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1229

Ion	Ratio	Lower	Upper
43	100		
72	23.1	19.2	28.8

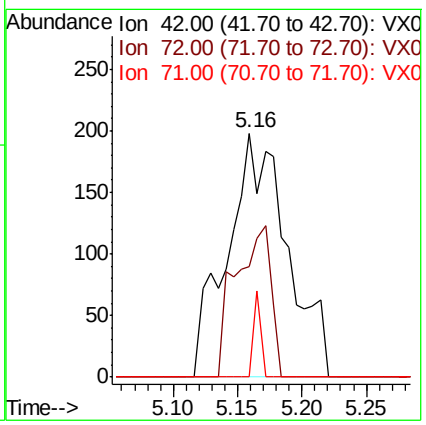


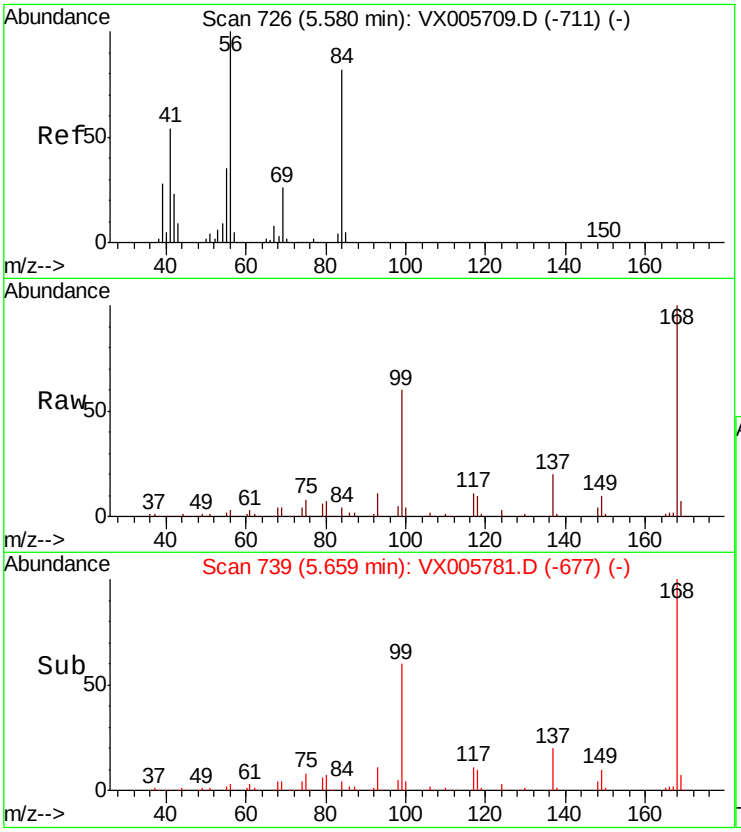


#29
Tetrahydrofuran
Concen: 0.590 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion: 42 Resp: 639

Ion	Ratio	Lower	Upper
42	100		
72	36.6	32.0	48.0
71	4.1	29.8	44.8#



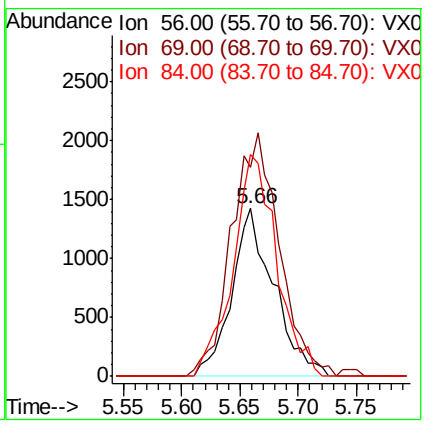


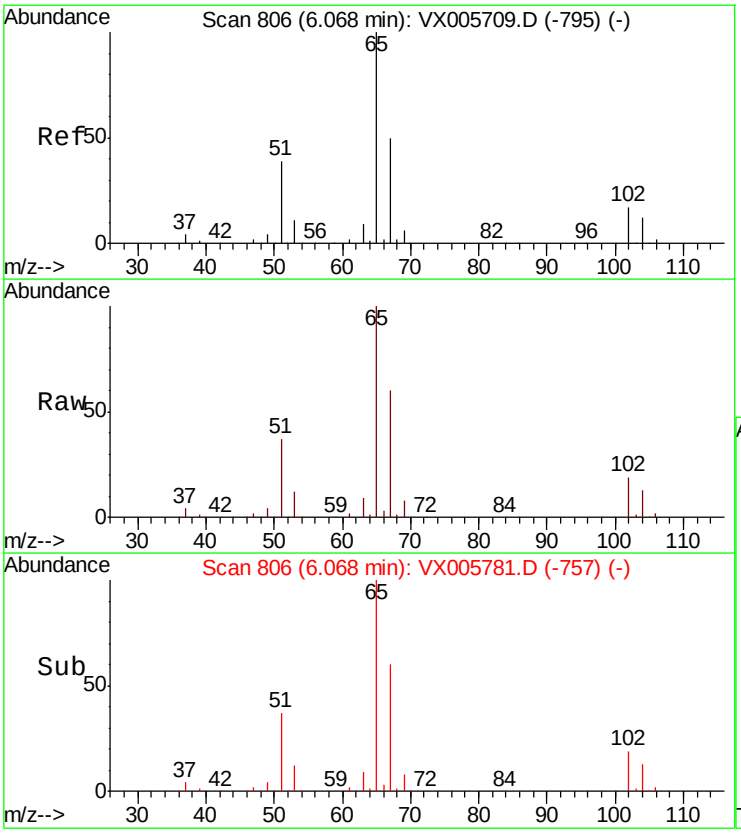
#31
Cyclohexane
Concen: 1.272 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 3575

Ion	Ratio	Lower	Upper
56	100		
69	124.4	22.6	34.0#
84	132.4	62.7	94.1#

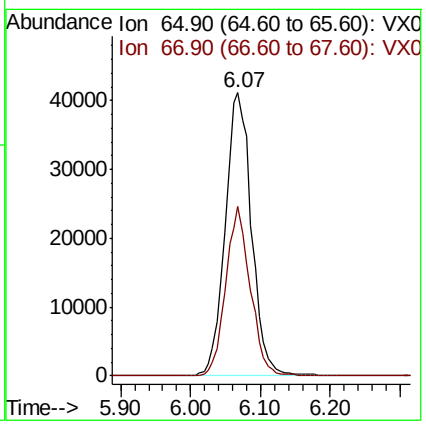


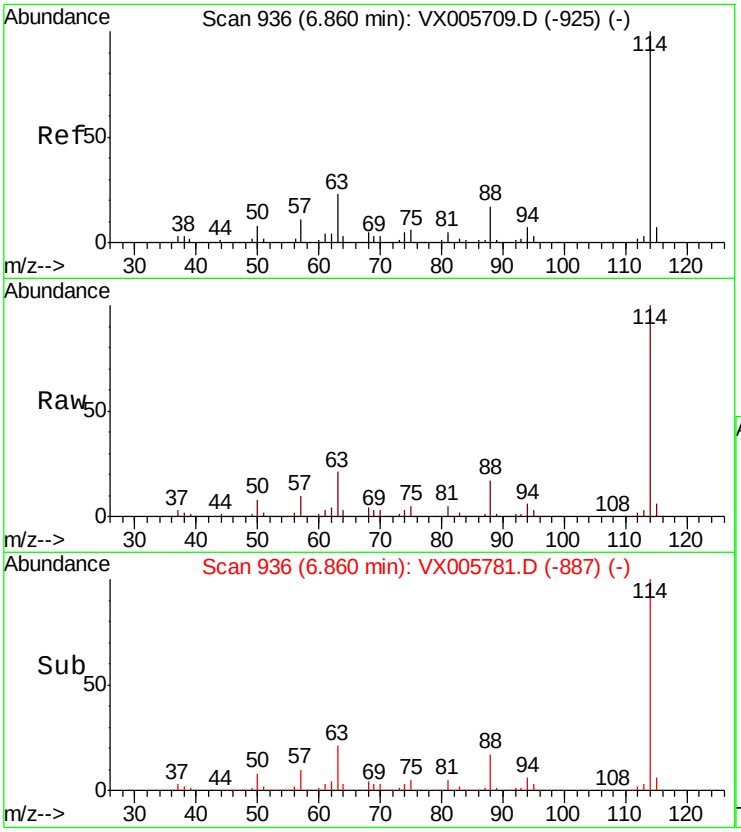


#33
1,2-Dichloroethane-d4
Concen: 51.023 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion: 65 Resp: 107333

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	105.0



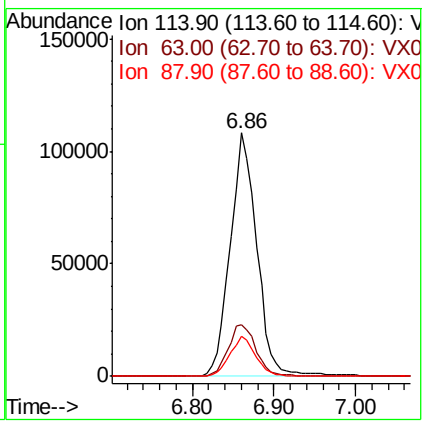


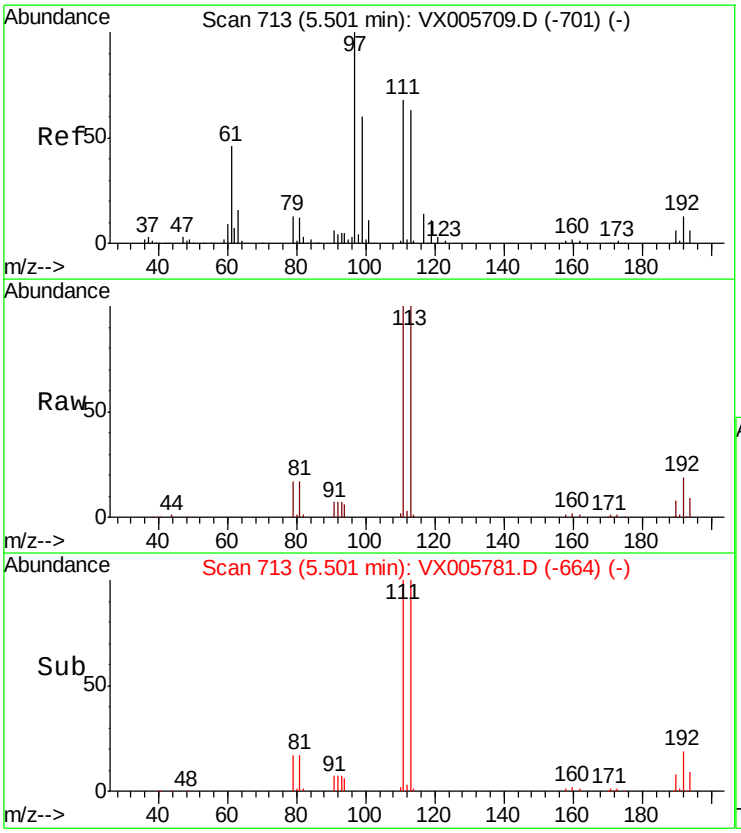
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 242896

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.8
88	16.6	0.0	31.2

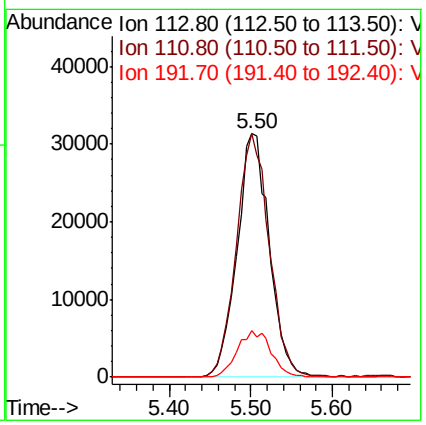


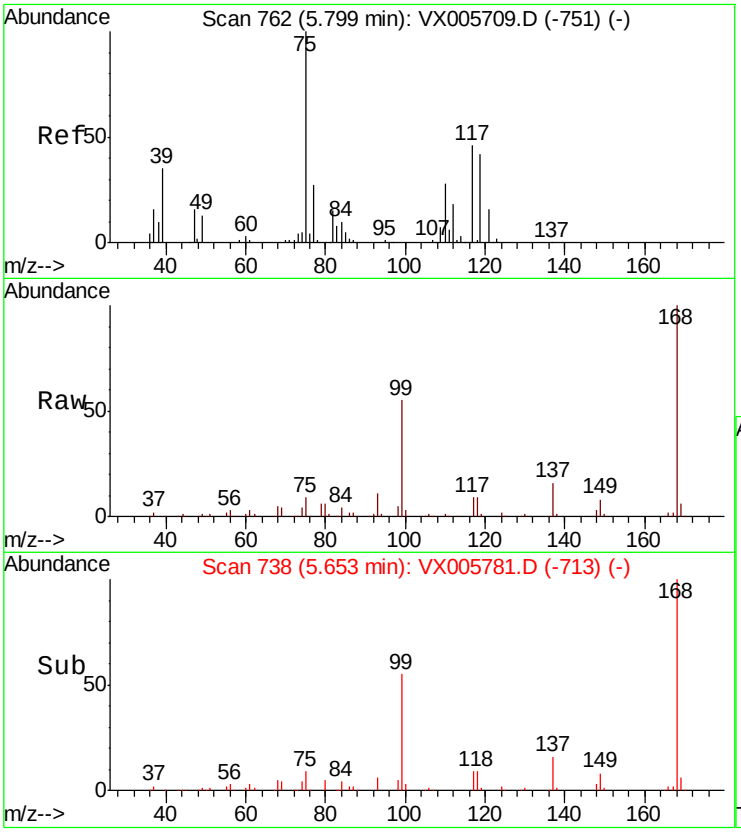


#35
Dibromofluoromethane
Concen: 51.278 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion:113 Resp: 86241

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.3	123.5
192	19.8	17.9	26.9



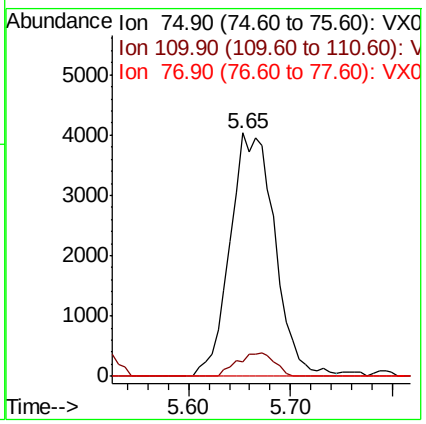


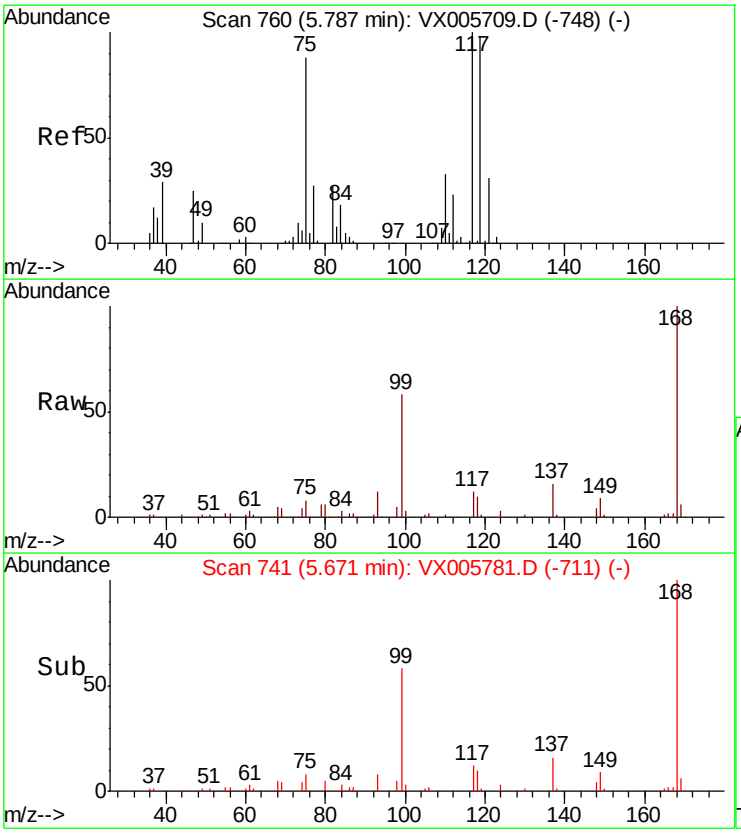
#36
1,1-Dichloropropene
Concen: 4.731 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.15 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 12244

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.4	52.2#
77	0.0	25.8	38.6#

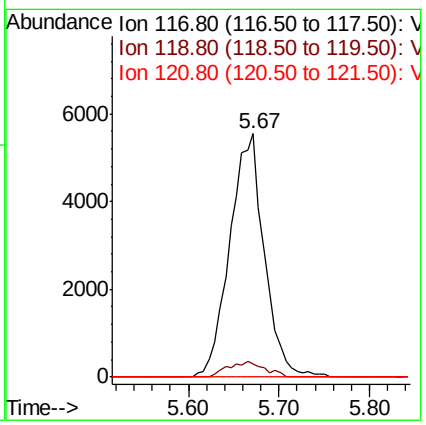


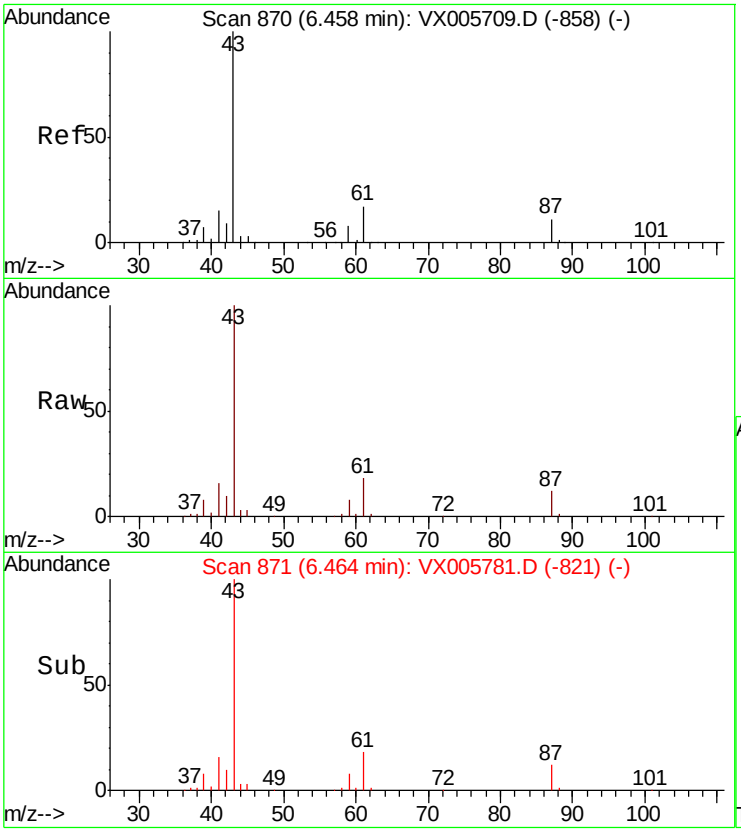


#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.12 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion:117 Resp: 14689

Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.1	117.1#
121	0.0	24.6	36.8#



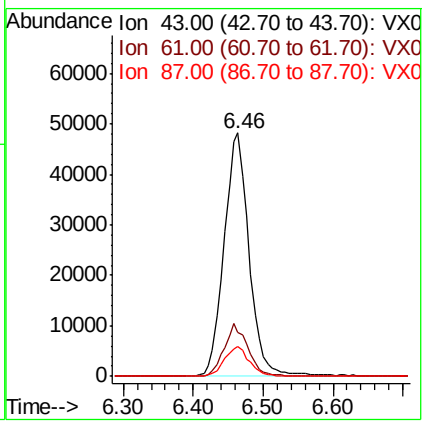


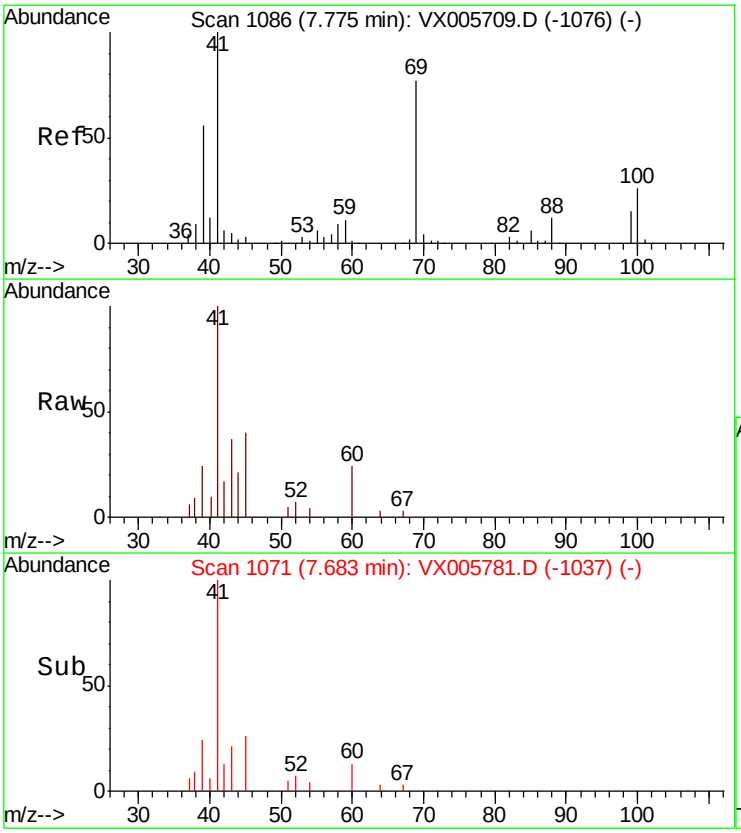
#43
Isopropyl Acetate
Concen: 25.016 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 119878

Ion	Ratio	Lower	Upper
43	100		
61	20.4	14.6	22.0
87	12.3	9.6	14.4

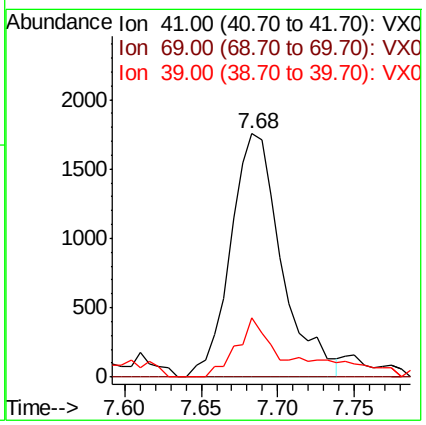


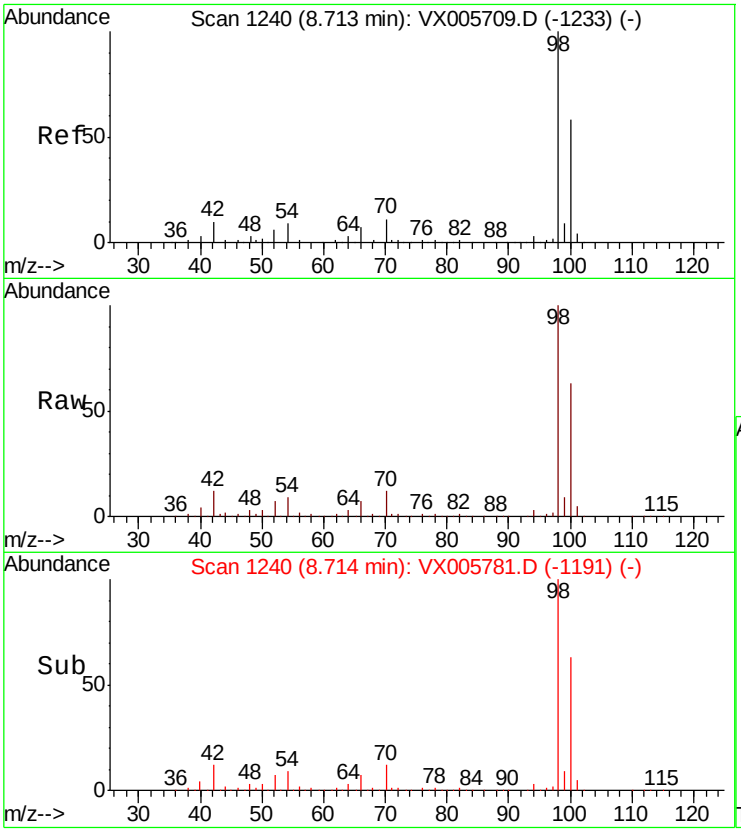


#48
Methyl methacrylate
Concen: 1.745 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion: 41 Resp: 4047

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.2	94.8#
39	26.5	42.2	63.2#



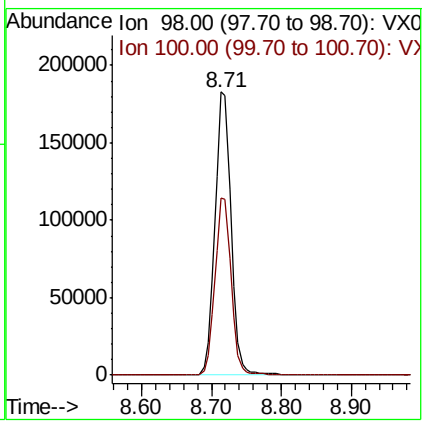


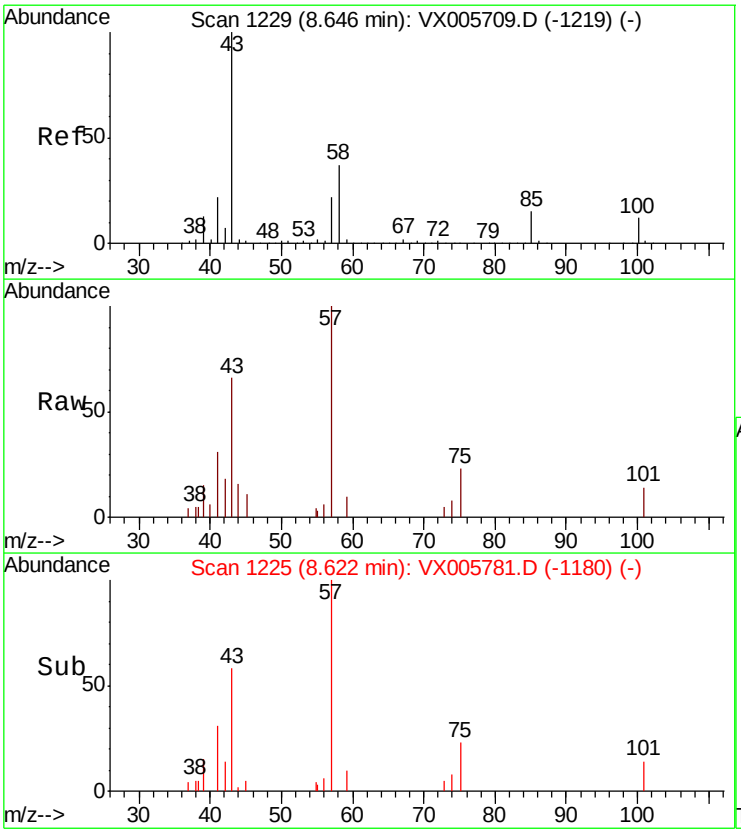
#50
Toluene-d8
Concen: 49.842 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 294005

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.3	76.9

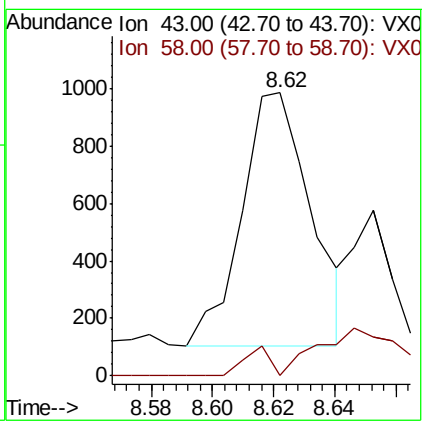


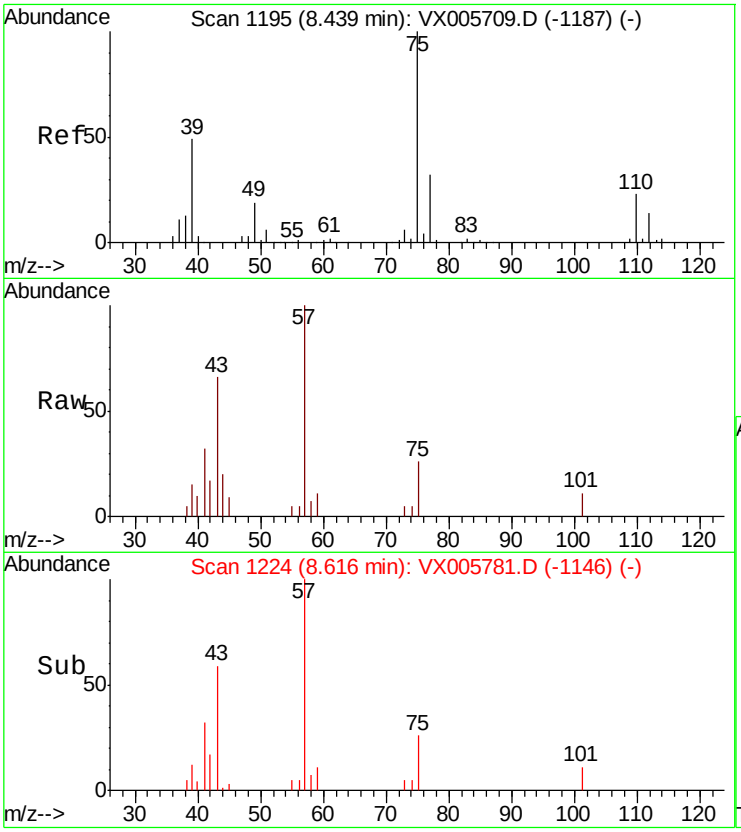


#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion: 43 Resp: 1387

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#



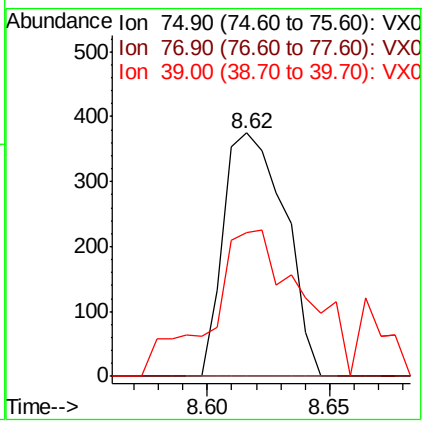


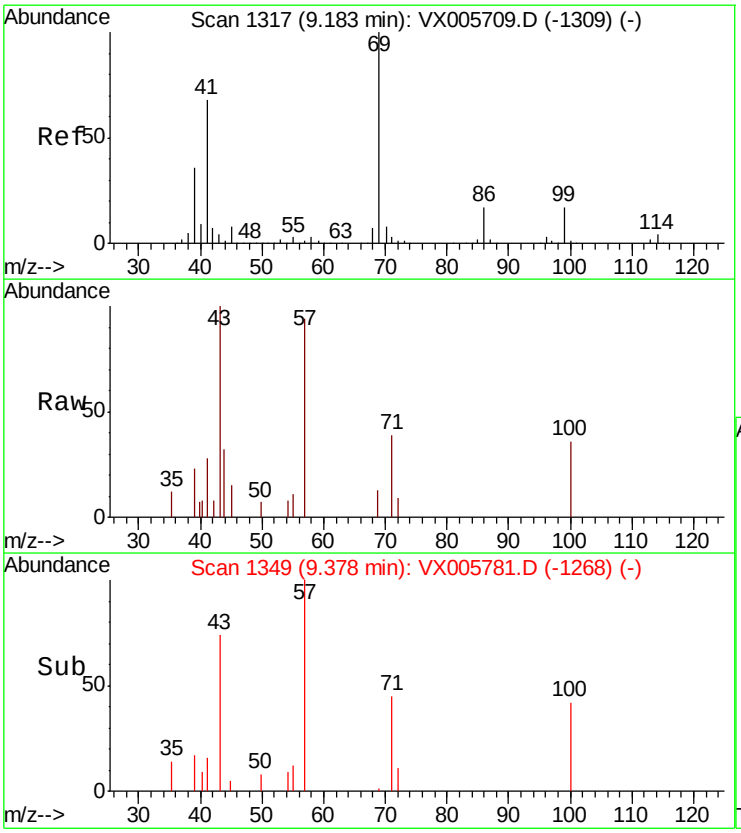
#54
cis-1,3-Dichloropropene
Concen: 0.239 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 656

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.2	37.8#
39	42.4	38.2	57.2

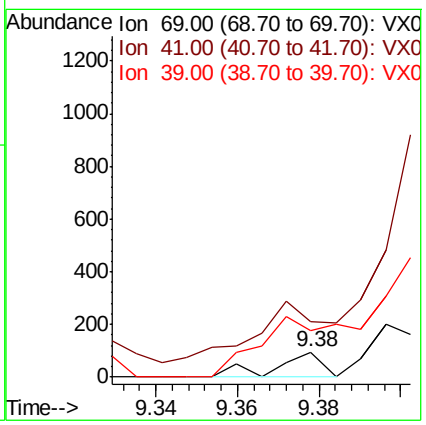


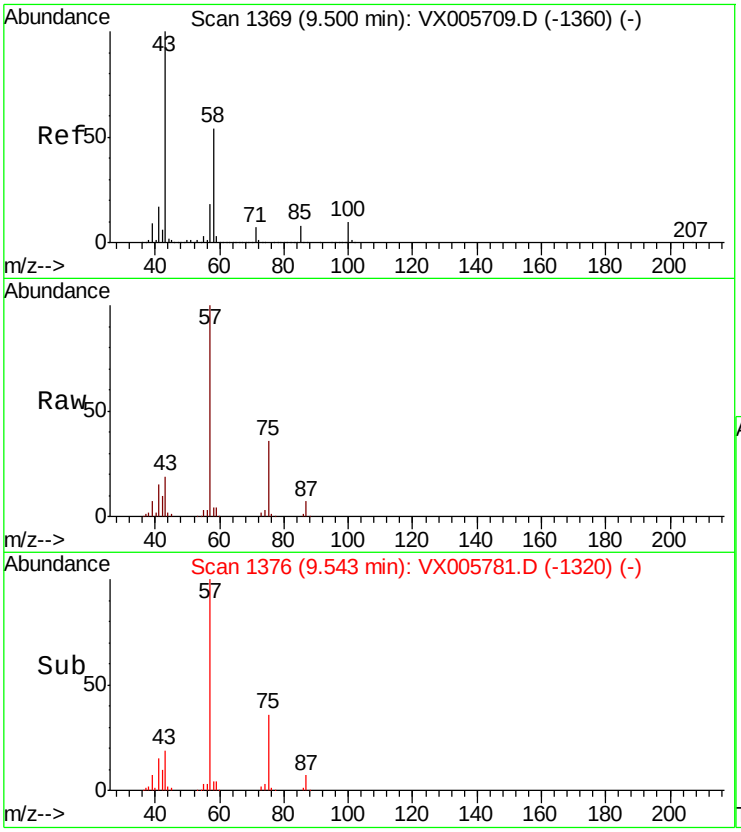


#56
Ethyl methacrylate
Concen: 2.494 ug/l
RT: 9.38 min Scan# 1349
Delta R.T. 0.20 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion: 69 Resp: 74

Ion	Ratio	Lower	Upper
69	100		
41	390.5	57.0	85.6#
39	0.0	28.3	42.5#



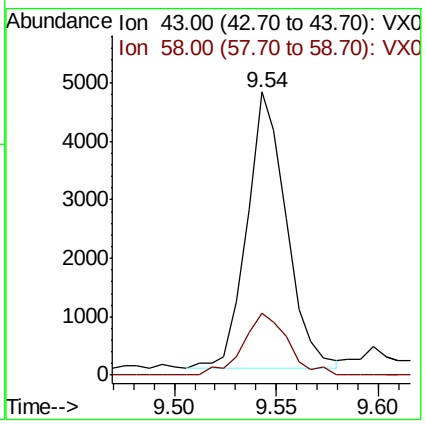


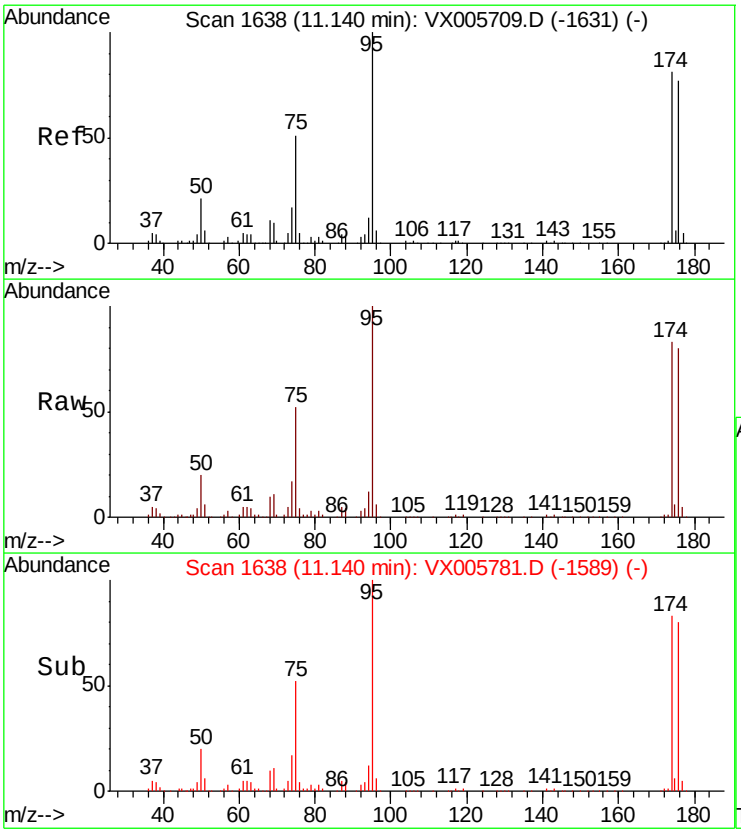
#59
2-Hexanone
Concen: 2.383 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6336

Ion	Ratio	Lower	Upper
43	100		
58	25.3	25.9	77.8#

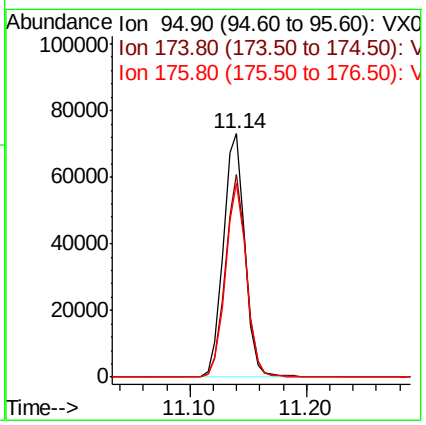


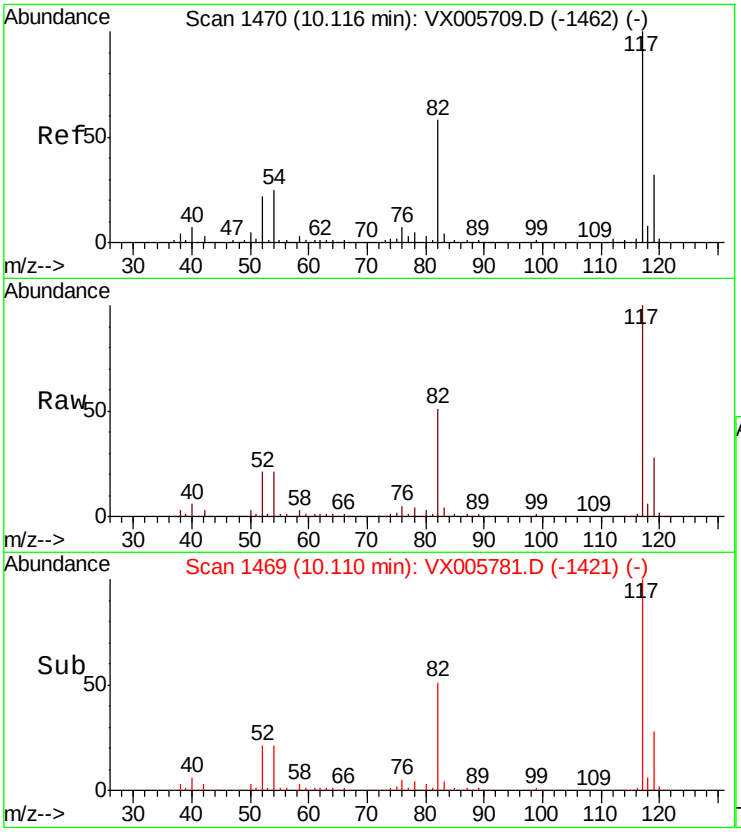


#62
4-Bromofluorobenzene
Concen: 42.875 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion: 95 Resp: 93341

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	184.4
176	77.9	0.0	177.4



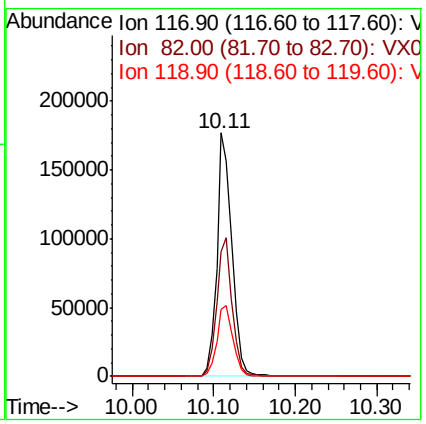


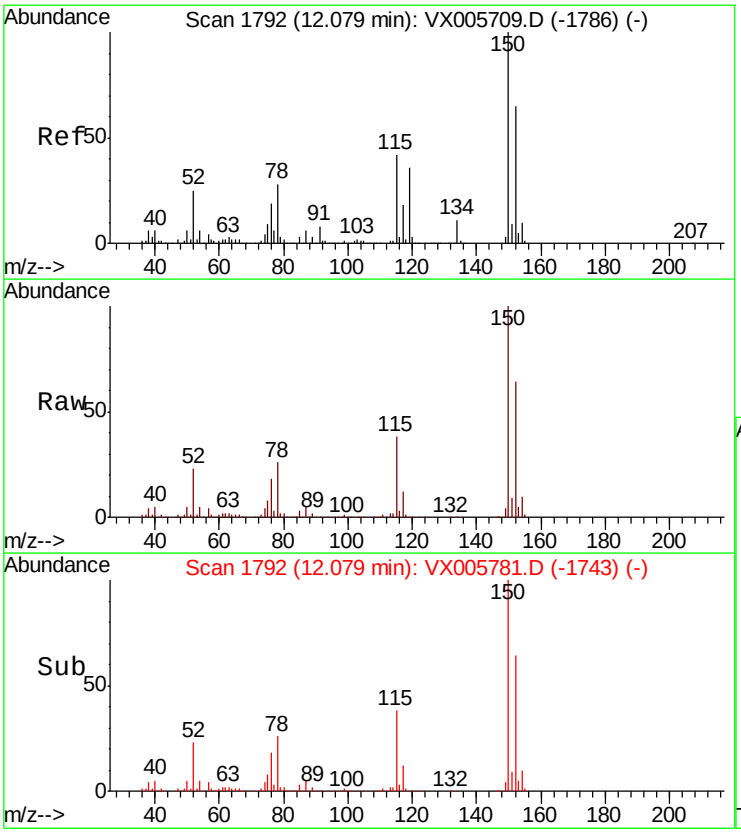
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 228554

Ion	Ratio	Lower	Upper
117	100		
82	51.0	44.1	66.1
119	27.5	26.2	39.2

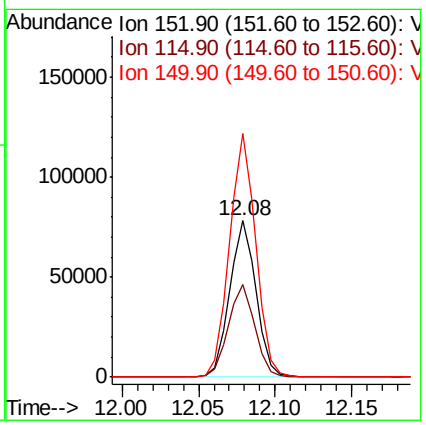


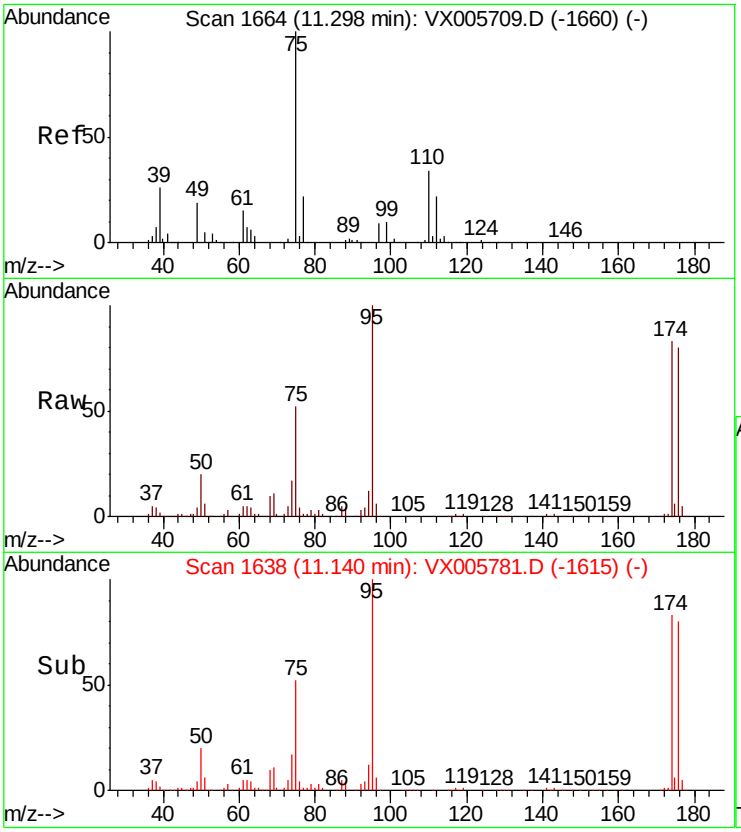


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion:152 Resp: 92645

Ion	Ratio	Lower	Upper
152	100		
115	59.6	39.4	118.1
150	155.8	0.0	346.4



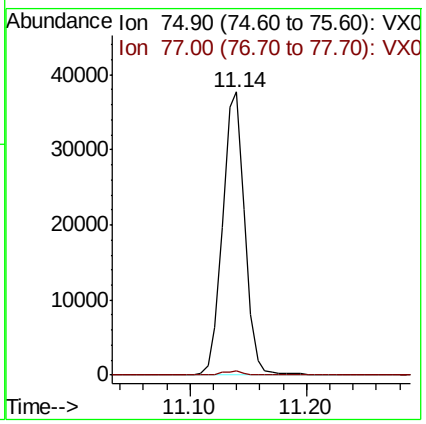


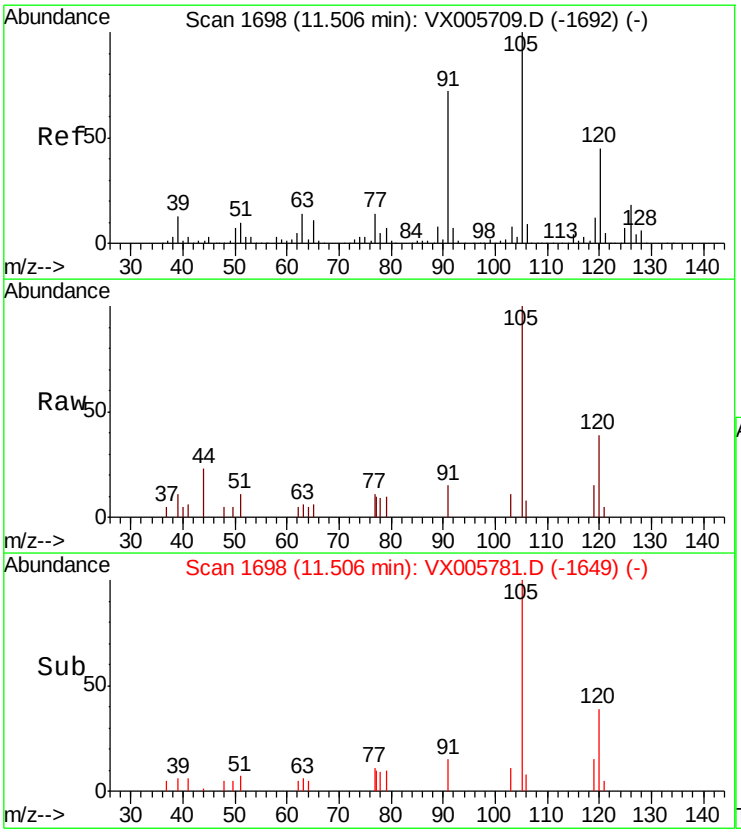
#76
1,2,3-Trichloropropane
Concen: 21.423 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49432

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.5	61.6#

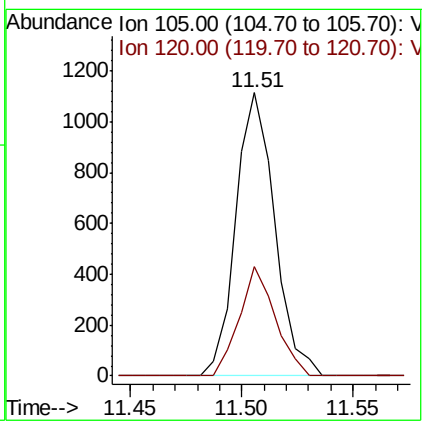


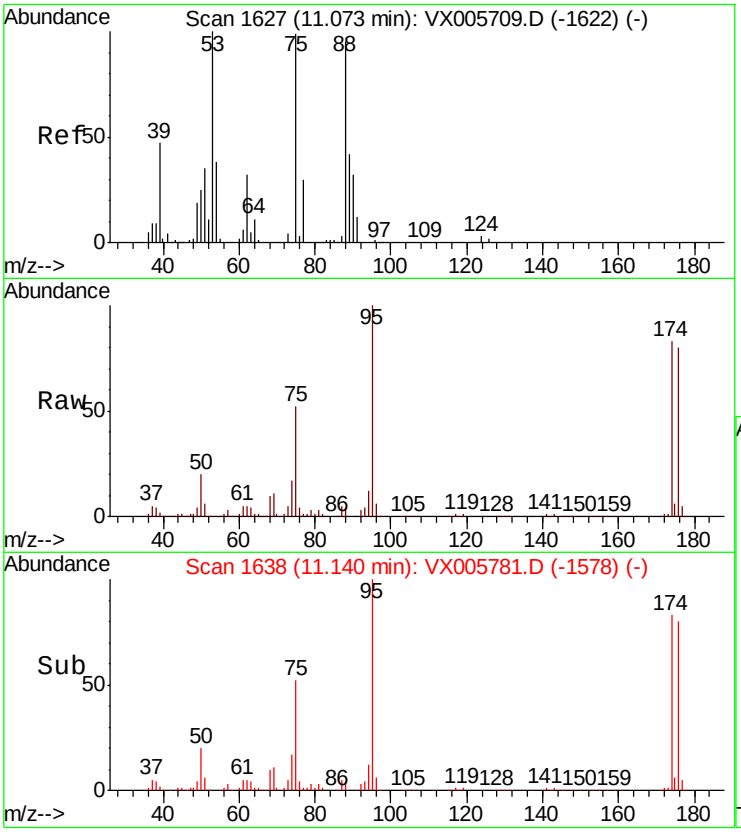


#80
1,3,5-Trimethylbenzene
Concen: 0.261 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Tgt Ion:105 Resp: 1355

Ion	Ratio	Lower	Upper
105	100		
120	35.8	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 69.216 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005781.D
Acq: 05 Nov 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49432

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.2#
89	0.0	39.8	59.8#