Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
Data File : VX005726.D
Acq On : 01 Nov 2018 13:50
Operator : JC/MD
Sample : J5737-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 01 14:36:29 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	138305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	229983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	199018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	102772	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.66%			
35) Dibromofluoromethane	5.51	113	73859	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.76%			
50) Toluene-d8	8.71	98	278117	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.60%			
62) 4-Bromofluorobenzene	11.14	95	89940	43.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.26%			
Target Compounds						Qvalue
6) Chloroethane	1.69	64	157	Below Cal	#	84
10) Methyl Iodide	2.53	142	401	2.199	ug/l #	79
11) Tert butyl alcohol	3.02	59	1075	1.958	ug/l #	72
13) Acrolein	2.29	56	102	12.430	ug/l #	1
15) Acrylonitrile	3.15	53	267	0.221	ug/l #	78
16) Acetone	2.45	43	4821	Below Cal		93
17) Carbon Disulfide	2.57	76	1192	0.260	ug/l	96
18) Methyl Acetate	2.78	43	3258	1.123	ug/l	94
20) Methylene Chloride	2.86	84	1665	0.955	ug/l #	81
25) 2-Butanone	4.70	43	1610	0.944	ug/l	98
29) Tetrahydrofuran	5.17	42	676	0.649	ug/l #	83
36) 1,1-Dichloropropene	5.66	75	11504	4.695	ug/l #	49
38) Carbon Tetrachloride	5.67	117	13885	6.272	ug/l #	16
43) Isopropyl Acetate	6.46	43	110904	24.443	ug/l	97
48) Methyl methacrylate	7.69	41	4175	1.901	ug/l #	24
51) 4-Methyl-2-Pentanone	8.62	43	2064	0.667	ug/l #	49
54) cis-1,3-Dichloropropene	8.62	75	669	0.257	ug/l #	71
56) Ethyl methacrylate	9.40	69	262	2.557	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	80	10.384	ug/l #	48
67) Ethyl Benzene	10.26	91	6589	0.913	ug/l	96
68) m/p-Xylenes	10.36	106	10379	3.870	ug/l	94
69) o-Xylene	10.71	106	684	0.267	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	47939	21.607	ug/l #	36
78) n-propylbenzene	11.36	91	3062	0.428	ug/l	98
79) 2-Chlorotoluene	11.43	91	1826	0.428	ug/l #	49
80) 1,3,5-Trimethylbenzene	11.51	105	4130	0.828	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	47939	69.810	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	14167	2.811	ug/l	99
89) n-Butylbenzene	12.38	91	4309	0.822	ug/l #	49
90) Hexachloroethane	12.61	117	1489	1.616	ug/l #	2
93) 1,2,4-Trichlorobenzene	13.65	180	412	0.218	ug/l	81
95) Naphthalene	13.83	128	28983	4.666	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110118\
Data File : VX005726.D
Acq On : 01 Nov 2018 13:50
Operator : JC/MD
Sample : J5737-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 01 14:36:29 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)

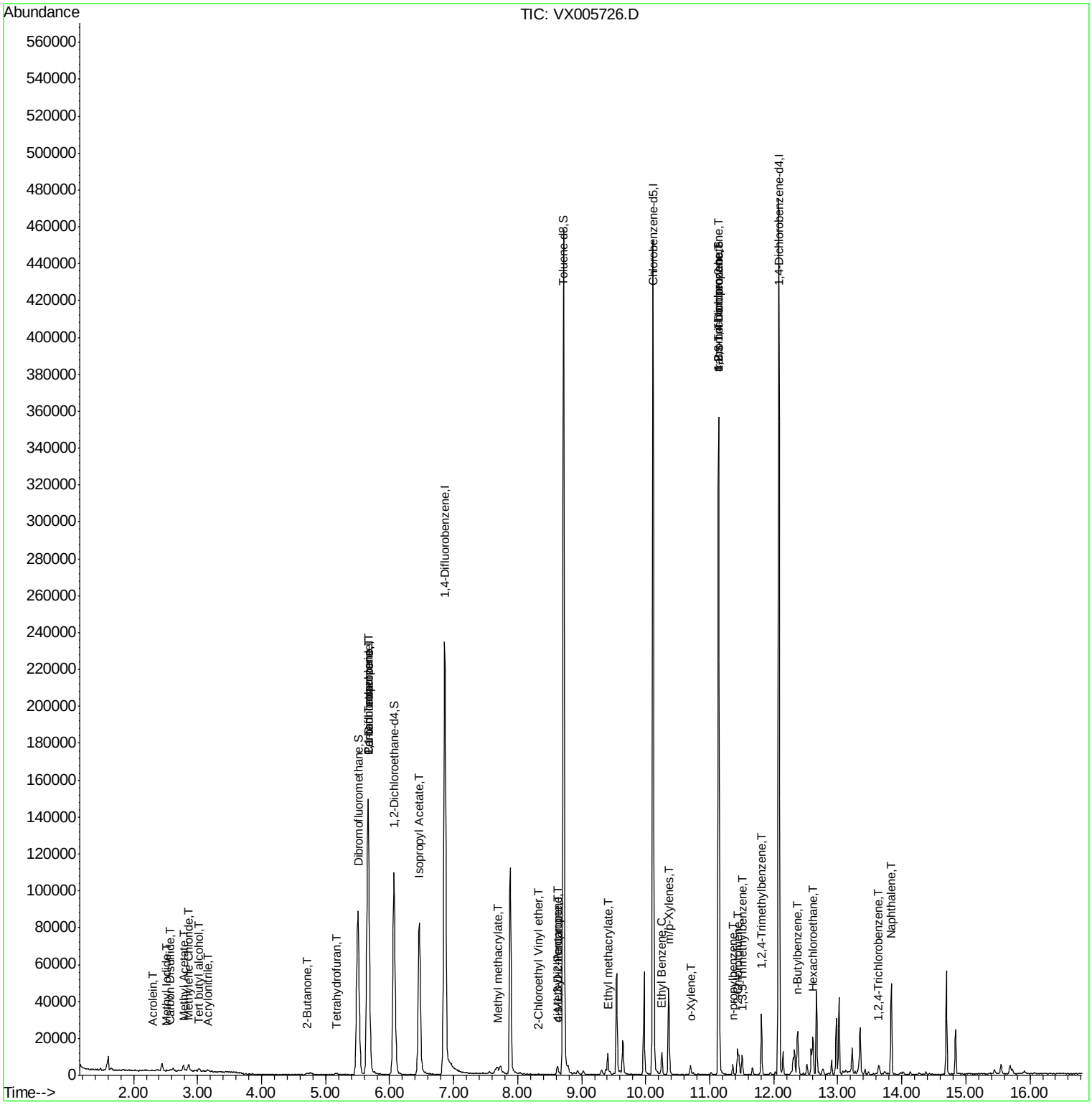
(#) = qualifier out of range (m) = manual integration (+) = signals summed

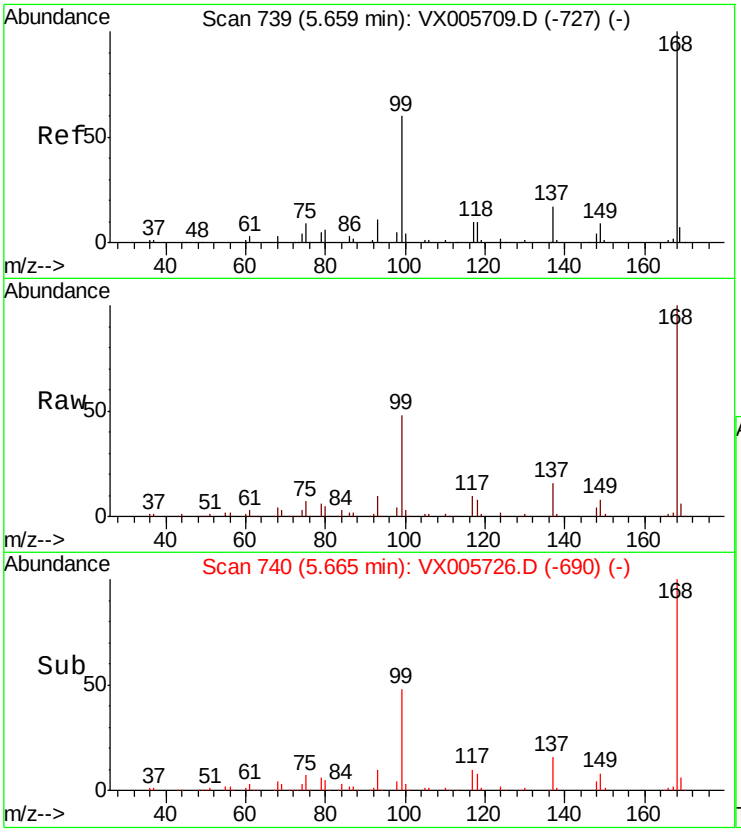
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
Data File : VX005726.D
Acq On : 01 Nov 2018 13:50
Operator : JC/MD
Sample : J5737-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 01 14:36:29 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



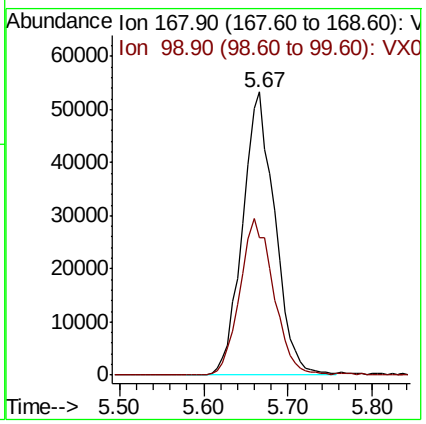


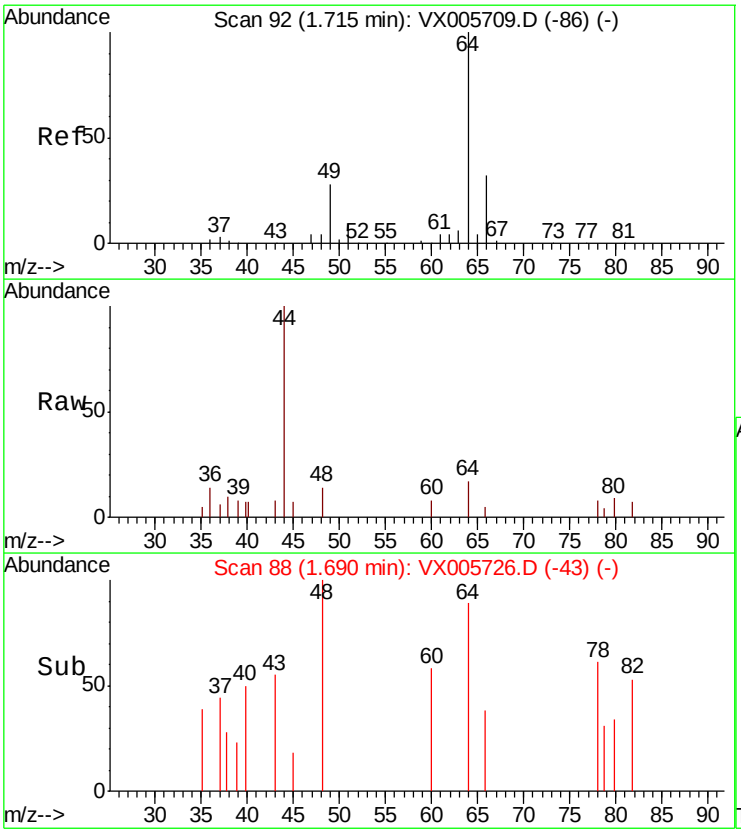
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 138305

Ion	Ratio	Lower	Upper
168	100		
99	48.5	40.7	61.1

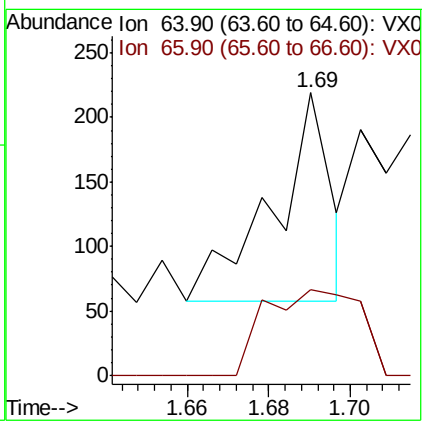


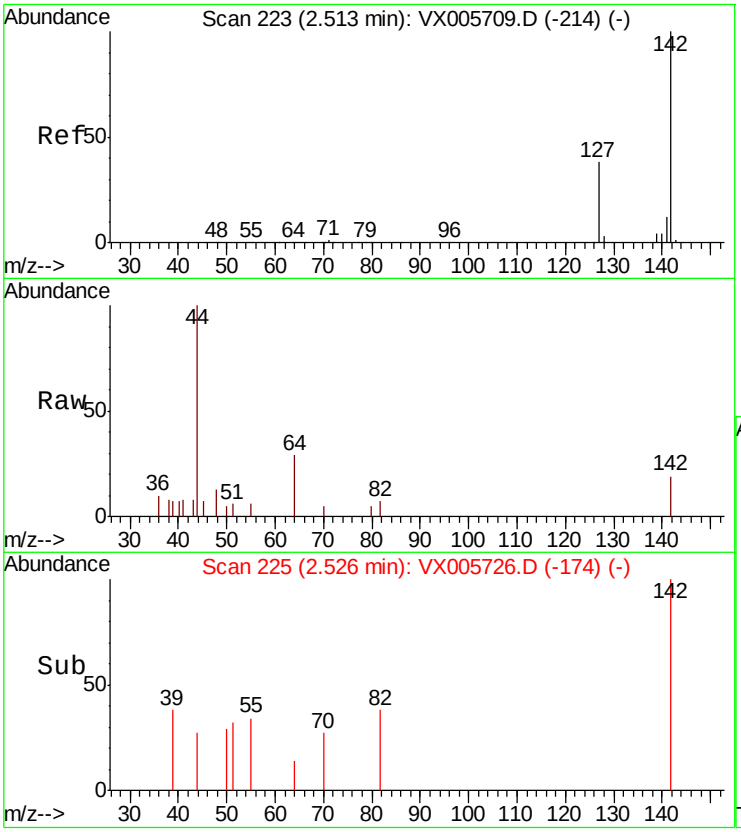


#6
Chloroethane
Concen: Below Cal
RT: 1.69 min Scan# 88
Delta R.T. -0.02 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 64 Resp: 157

Ion	Ratio	Lower	Upper
64	100		
66	41.0	25.8	38.6#



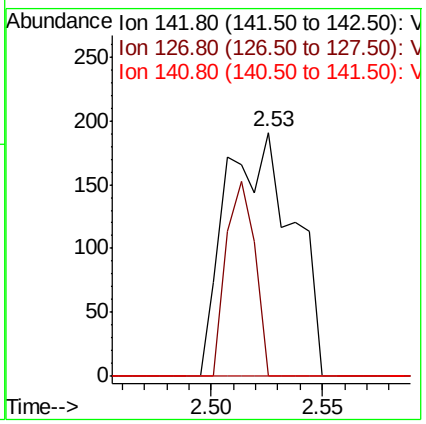


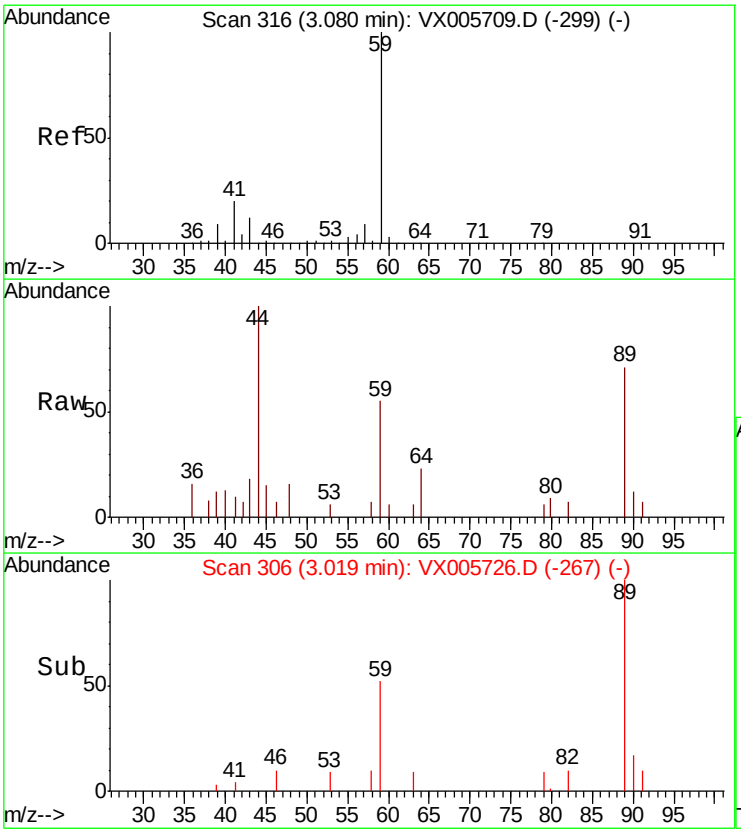
#10
Methyl Iodide
Concen: 2.199 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 401

Ion	Ratio	Lower	Upper
142	100		
127	33.9	36.0	54.0#
141	0.0	11.7	17.5#

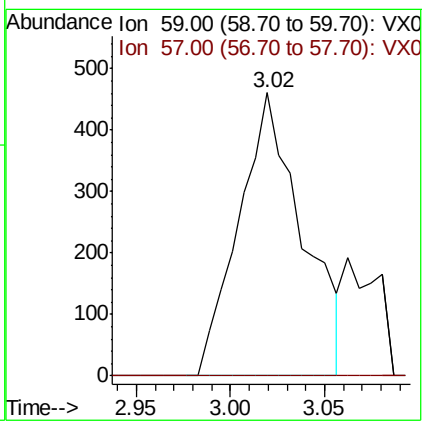


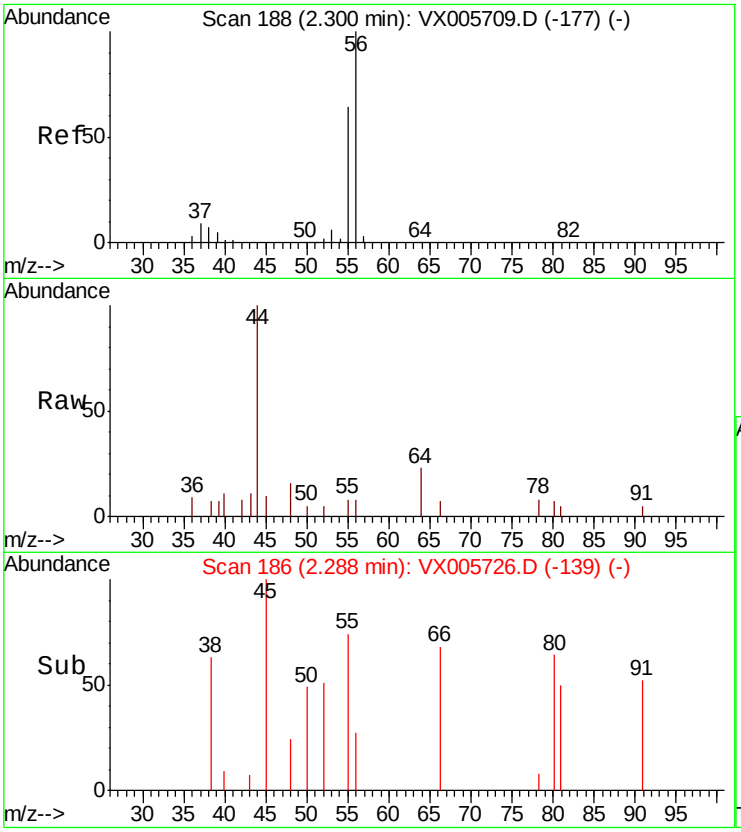


#11
Tert butyl alcohol
Concen: 1.958 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 59 Resp: 1075

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



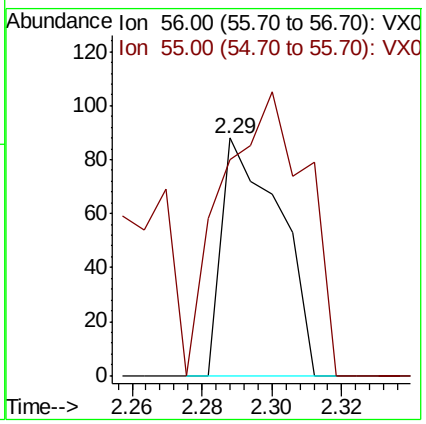


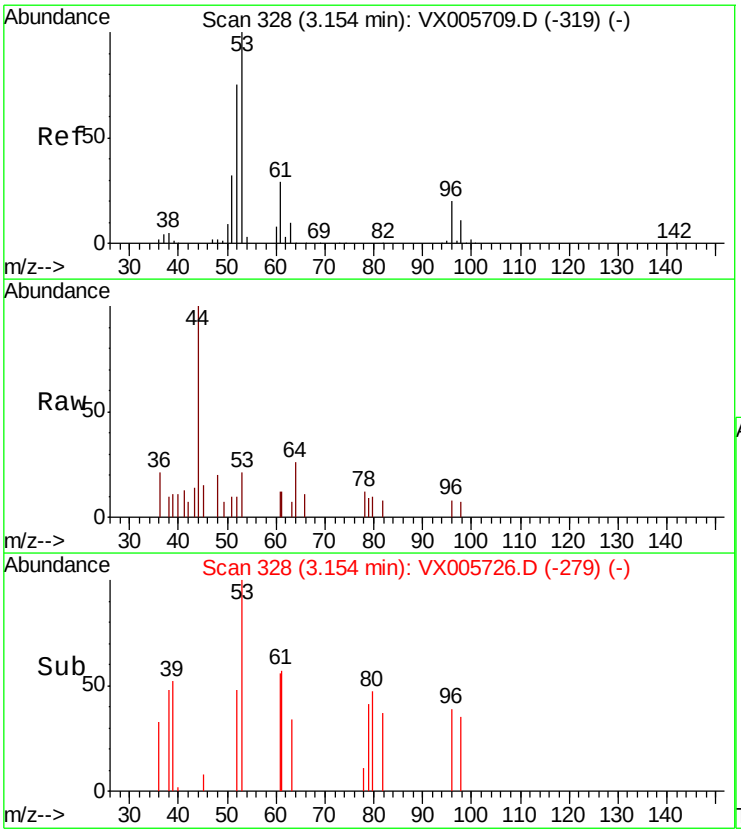
#13
Acrolein
Concen: 12.430 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 102

Ion	Ratio	Lower	Upper
56	100		
55	172.5	57.3	85.9#

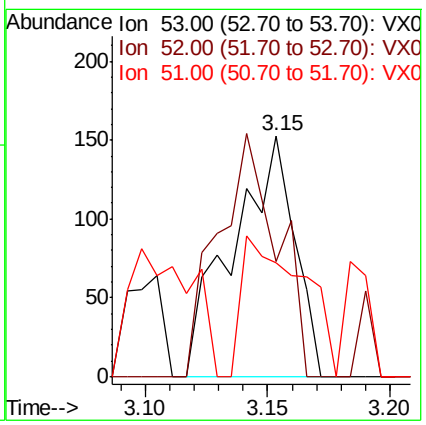


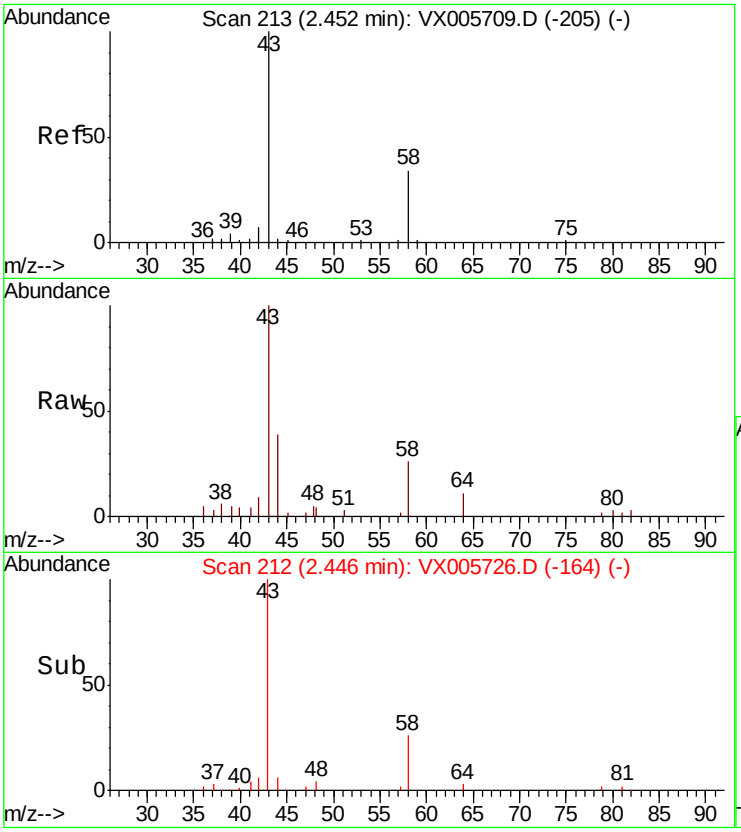


#15
Acrylonitrile
Concen: 0.221 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 53 Resp: 267

Ion	Ratio	Lower	Upper
53	100		
52	96.6	66.6	99.8
51	57.7	28.4	42.6#



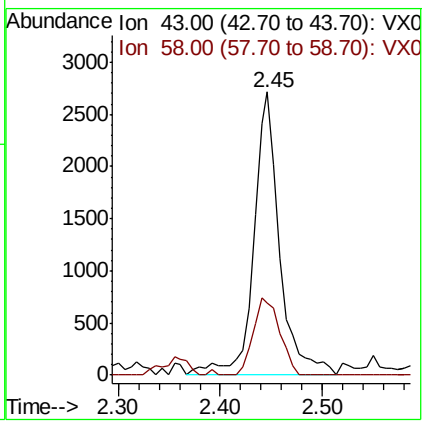


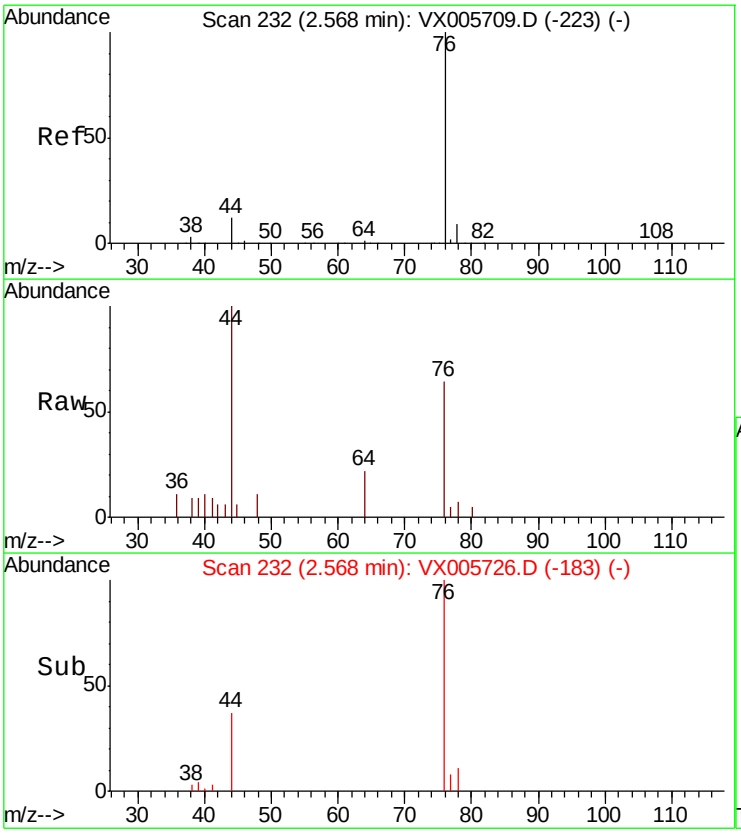
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4821

Ion	Ratio	Lower	Upper
43	100		
58	25.7	23.8	35.6

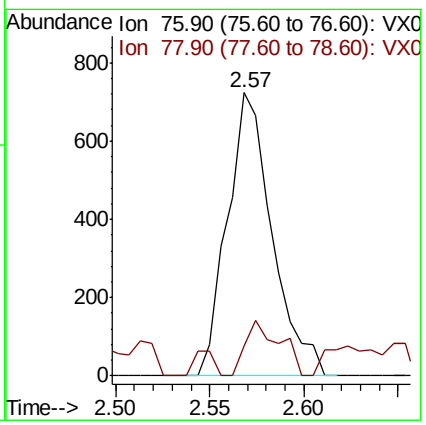


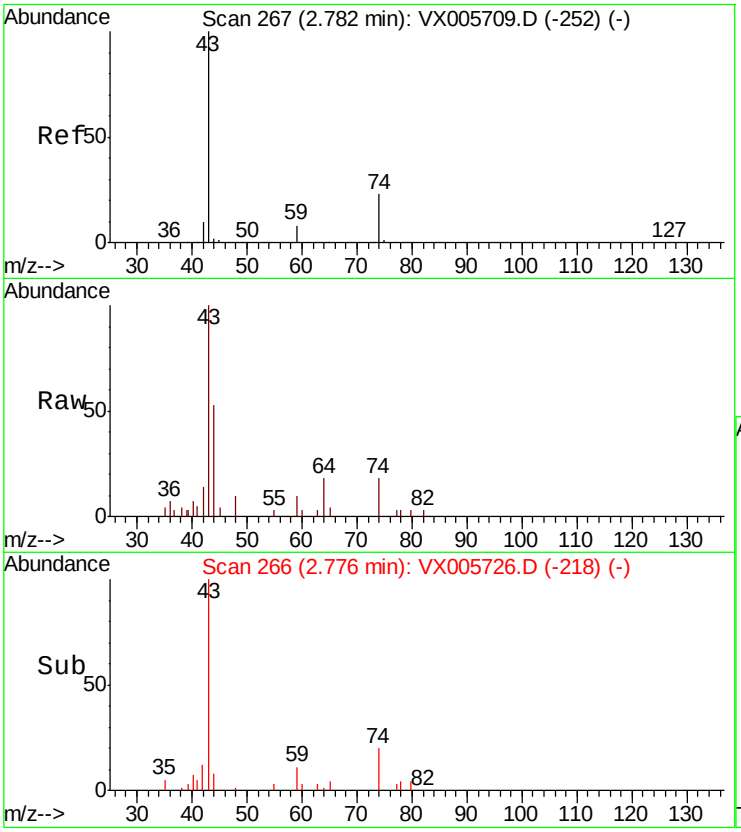


#17
Carbon Disulfide
Concen: 0.260 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 76 Resp: 1192

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.3	10.9



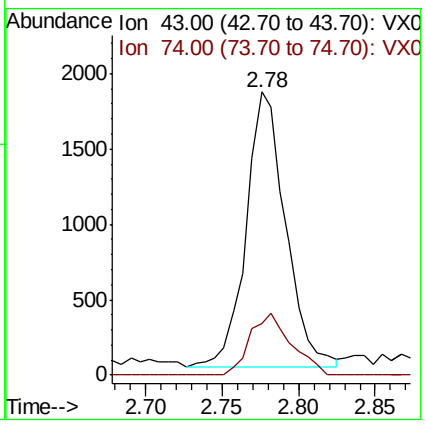


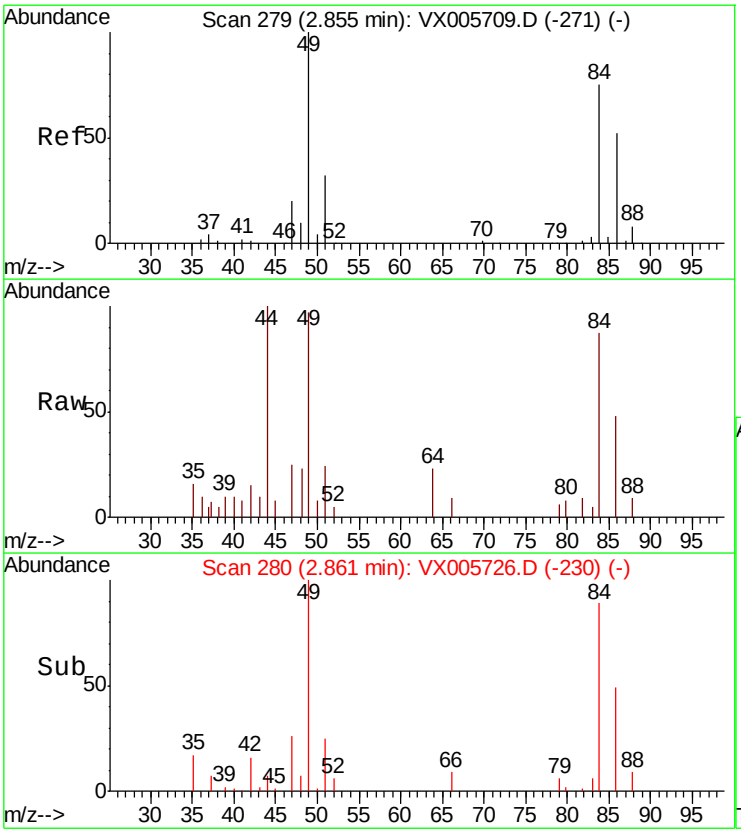
#18
Methyl Acetate
Concen: 1.123 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3258

Ion	Ratio	Lower	Upper
43	100		
74	23.6	16.8	25.2

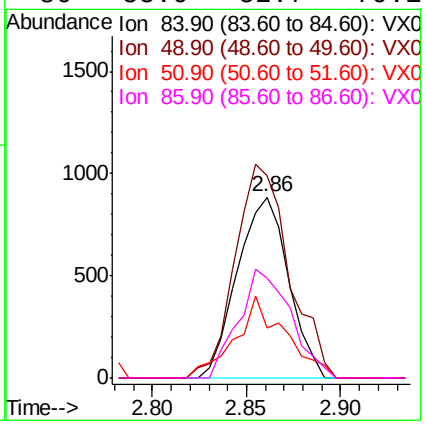


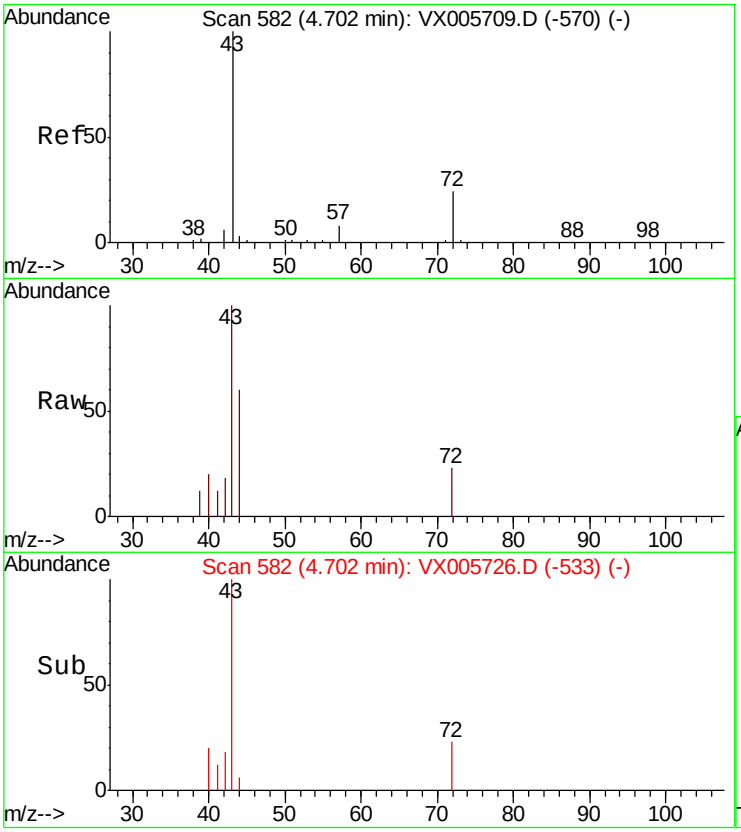


#20
Methylene Chloride
Concen: 0.955 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 84 Resp: 1665

Ion	Ratio	Lower	Upper
84	100		
49	111.7	109.5	164.3
51	27.8	33.3	49.9#
86	55.0	52.7	79.1



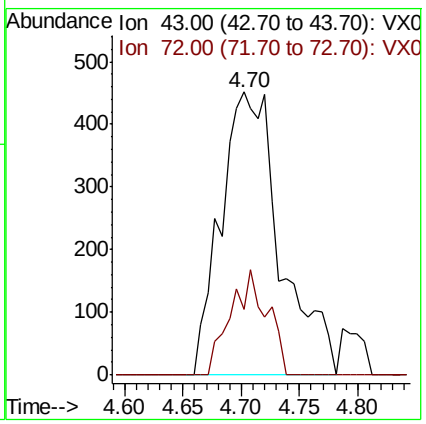


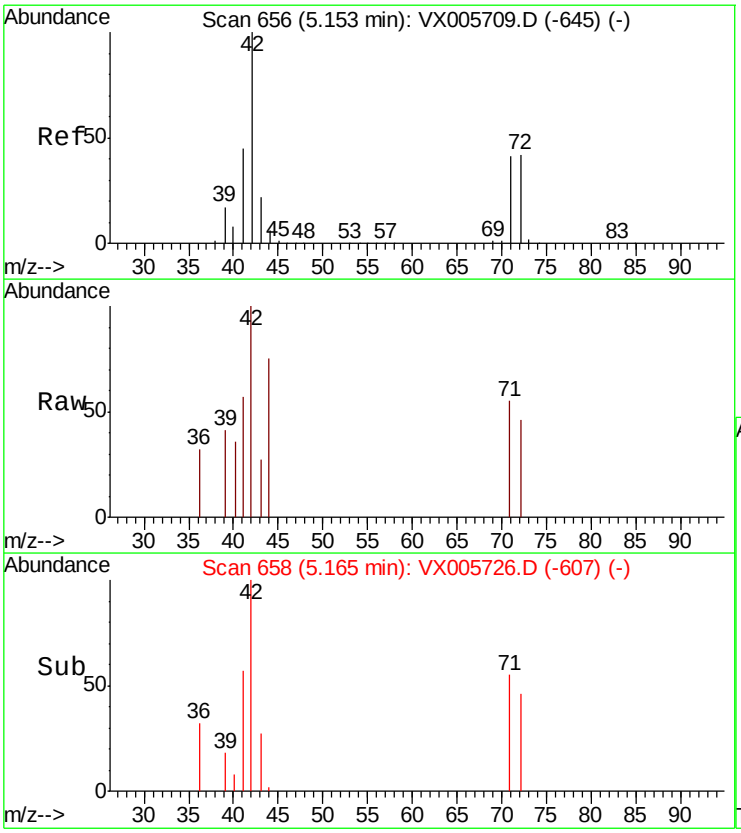
#25
2-Butanone
Concen: 0.944 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1610

Ion	Ratio	Lower	Upper
43	100		
72	23.2	19.2	28.8

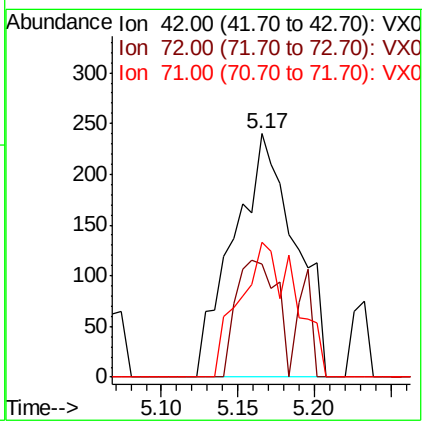


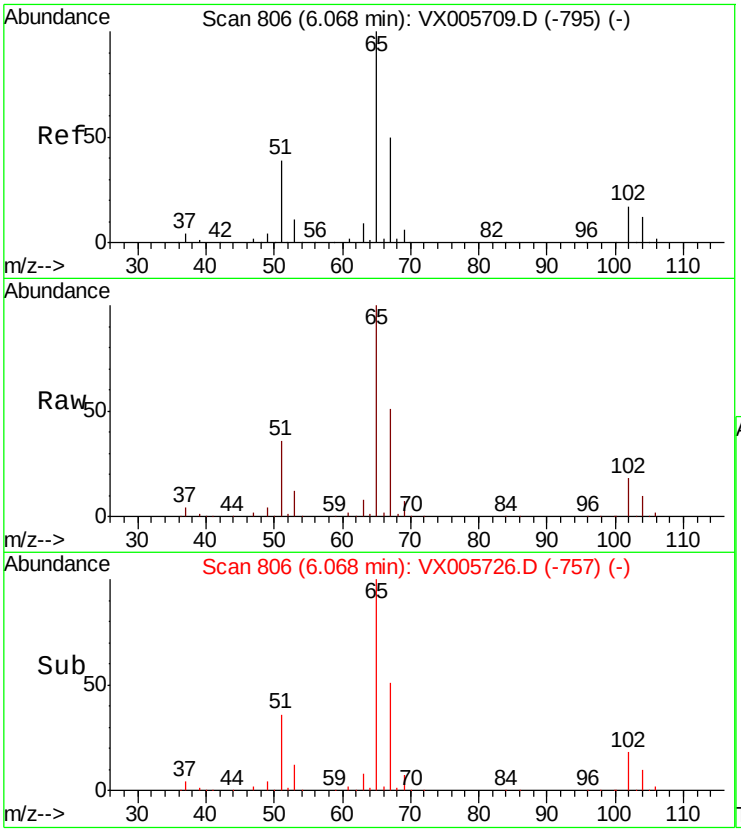


#29
Tetrahydrofuran
Concen: 0.649 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 42 Resp: 676

Ion	Ratio	Lower	Upper
42	100		
72	31.8	32.0	48.0#
71	50.0	29.8	44.8#



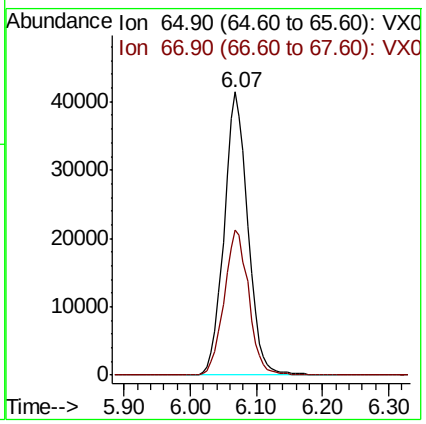


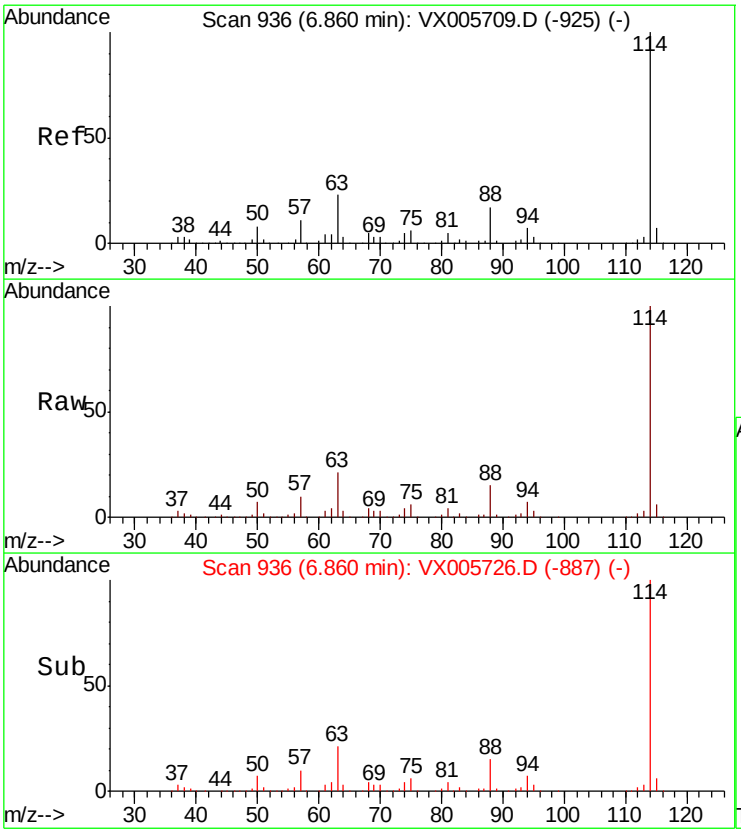
#33
1,2-Dichloroethane-d4
Concen: 50.826 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 102772

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.0

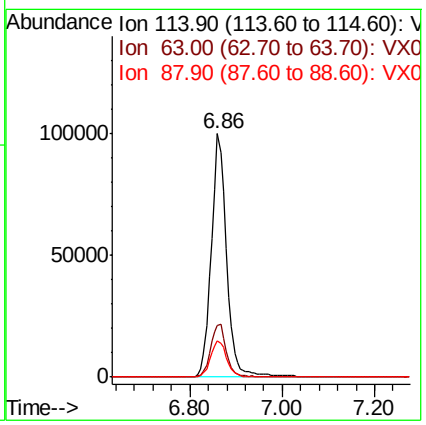


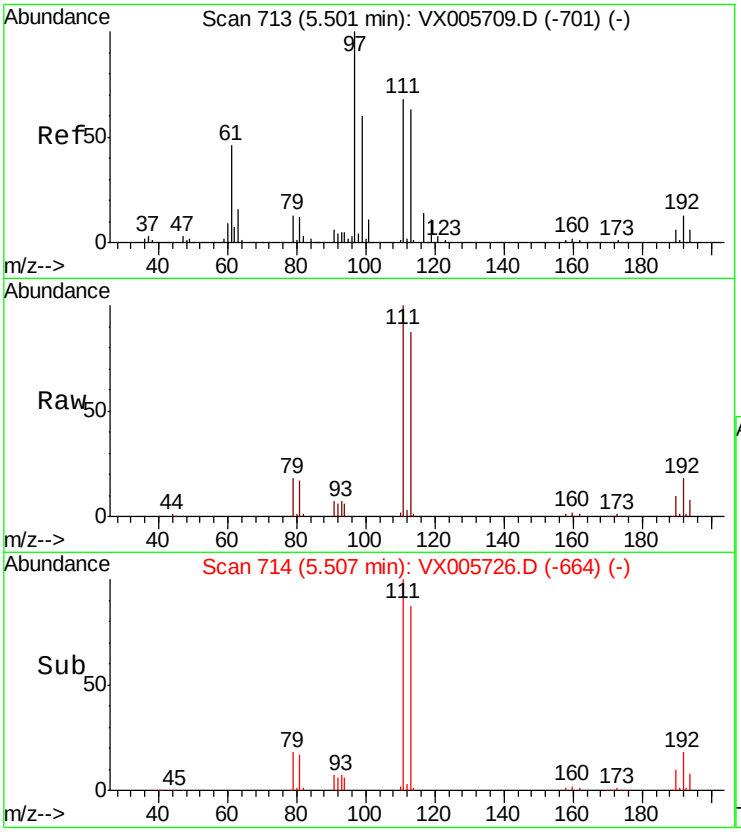


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion:114 Resp: 229983

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.8
88	14.8	0.0	31.2



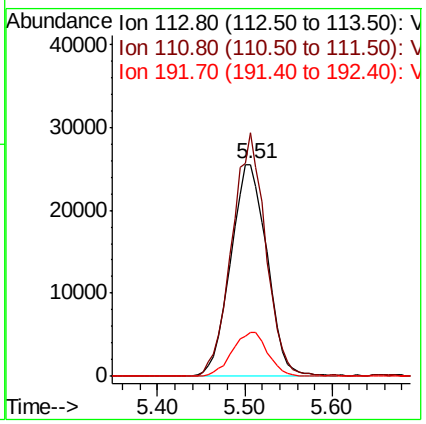


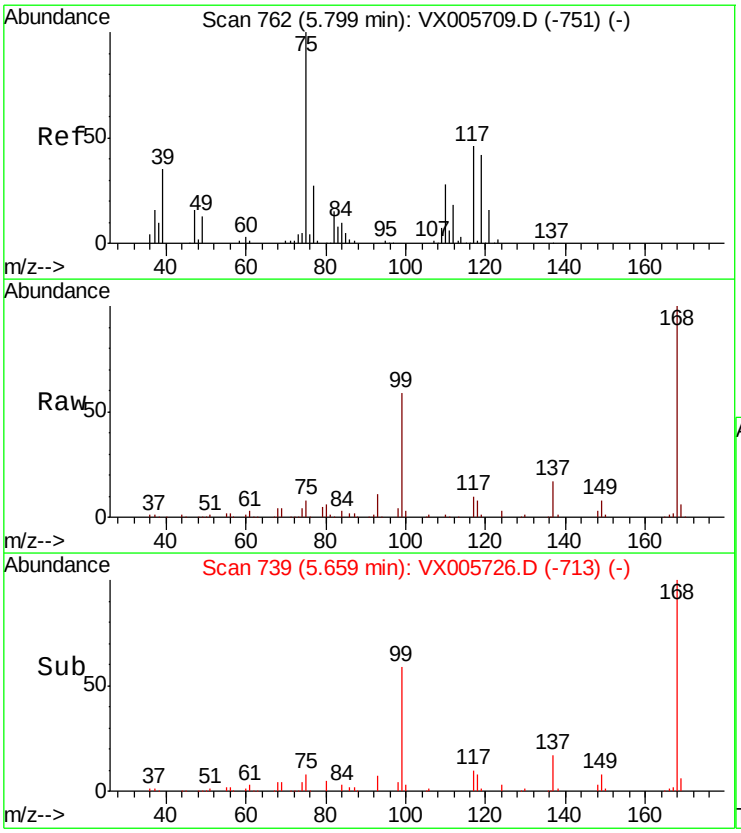
#35
Dibromofluoromethane
Concen: 46.382 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 73859

Ion	Ratio	Lower	Upper
113	100		
111	106.8	82.3	123.5
192	20.4	17.9	26.9

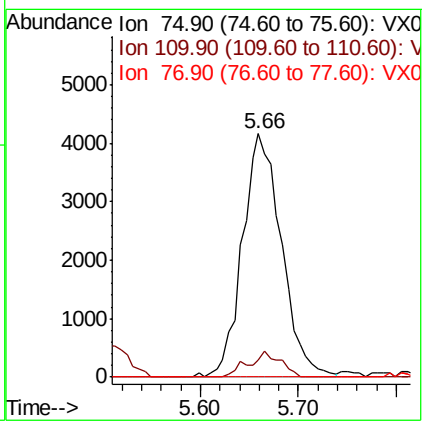


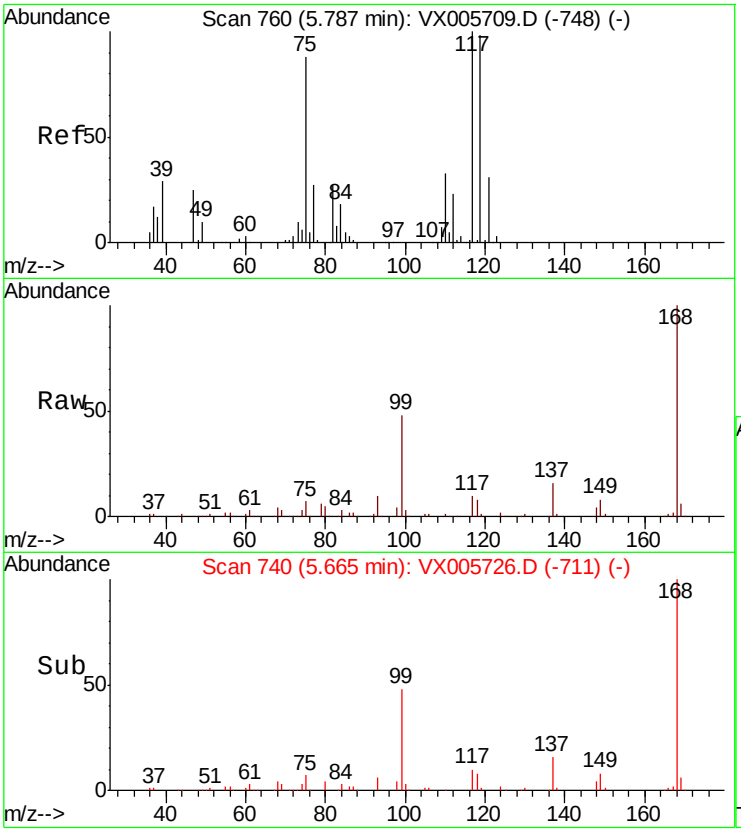


#36
1,1-Dichloropropene
Concen: 4.695 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 75 Resp: 11504

Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.4	52.2#
77	0.0	25.8	38.6#



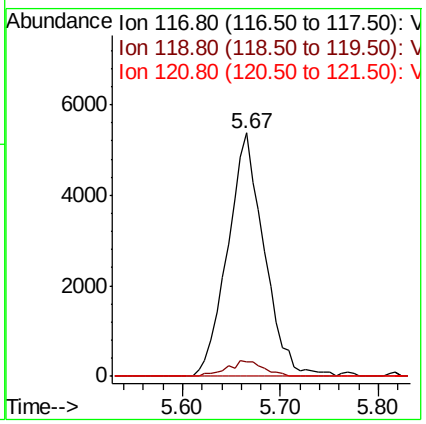


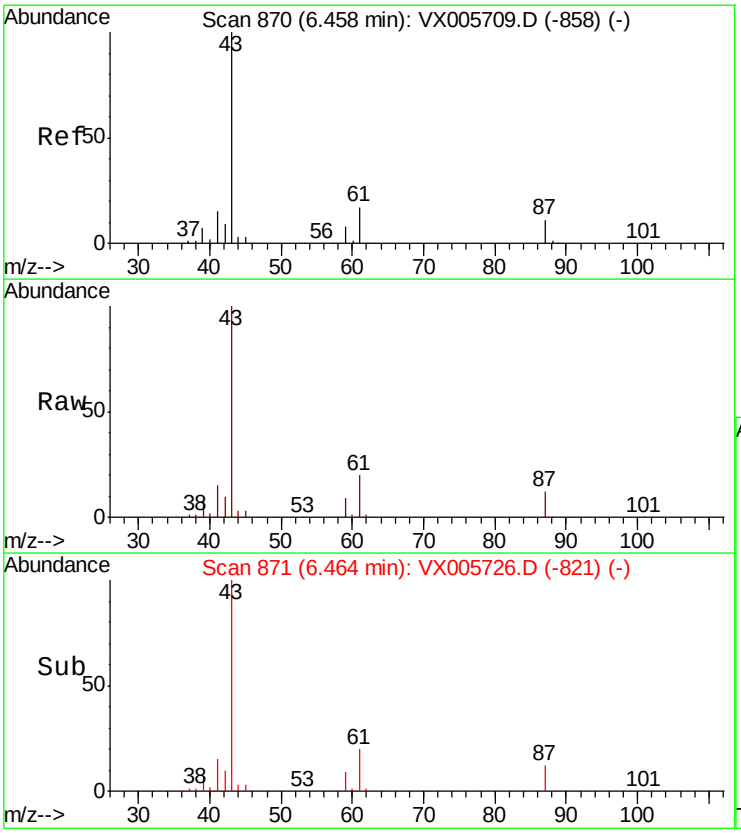
#38
Carbon Tetrachloride
Concen: 6.272 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 13885

Ion	Ratio	Lower	Upper
117	100		
119	6.2	78.1	117.1#
121	0.0	24.6	36.8#

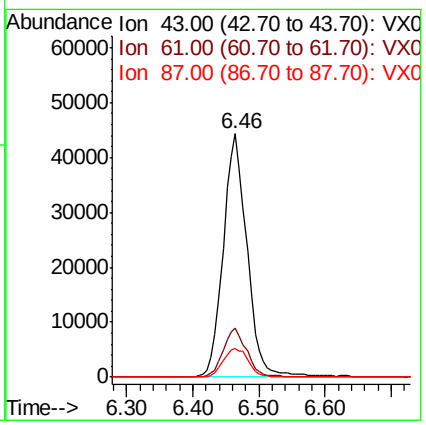


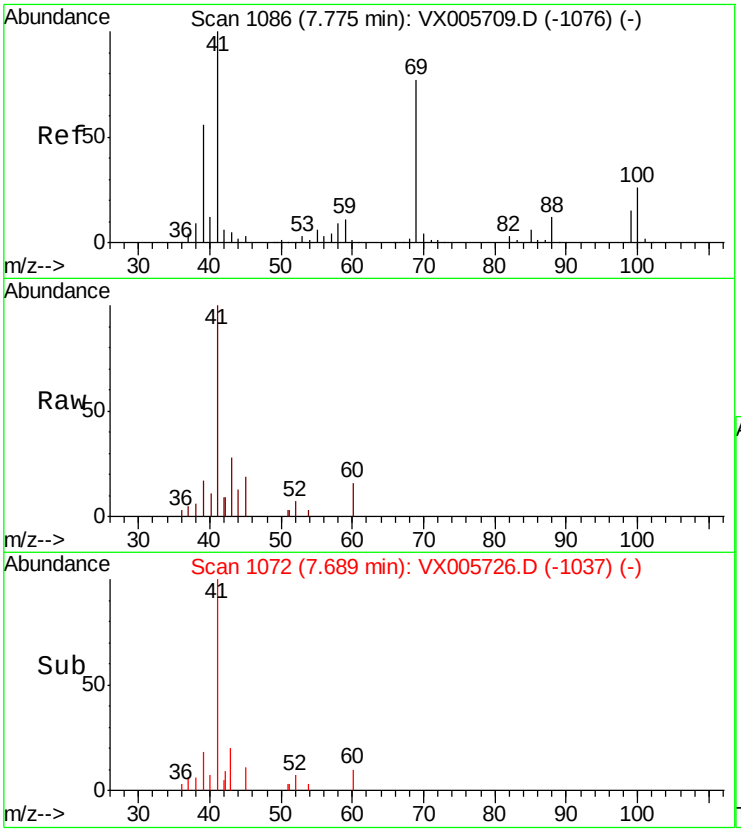


#43
Isopropyl Acetate
Concen: 24.443 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 43 Resp: 110904

Ion	Ratio	Lower	Upper
43	100		
61	19.8	14.6	22.0
87	12.4	9.6	14.4



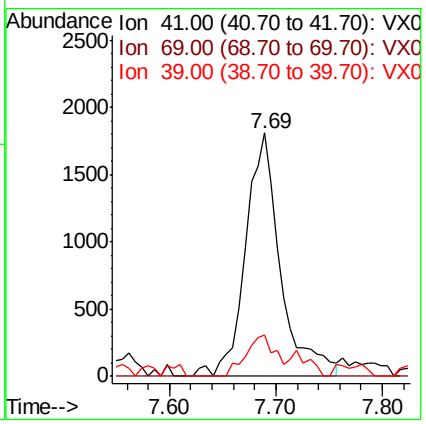


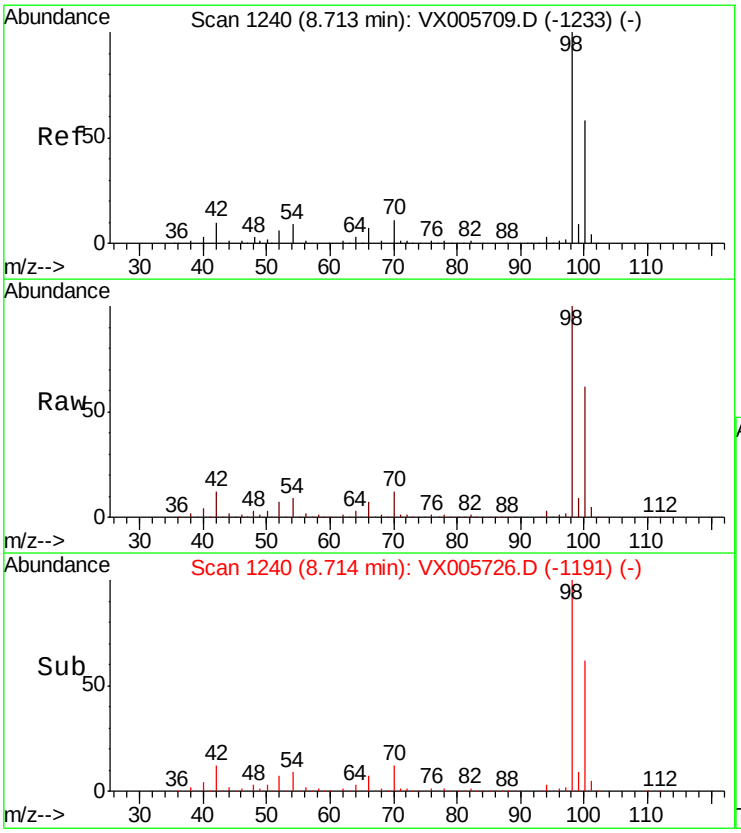
#48
Methyl methacrylate
Concen: 1.901 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 4175

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.2	94.8#
39	14.2	42.2	63.2#

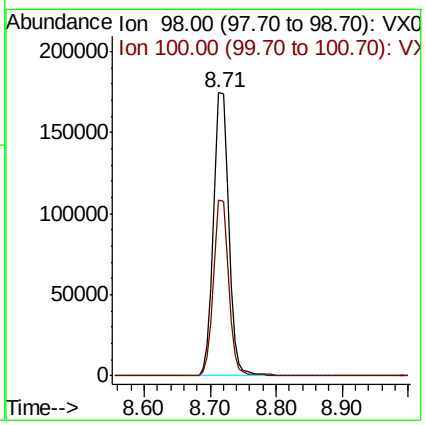


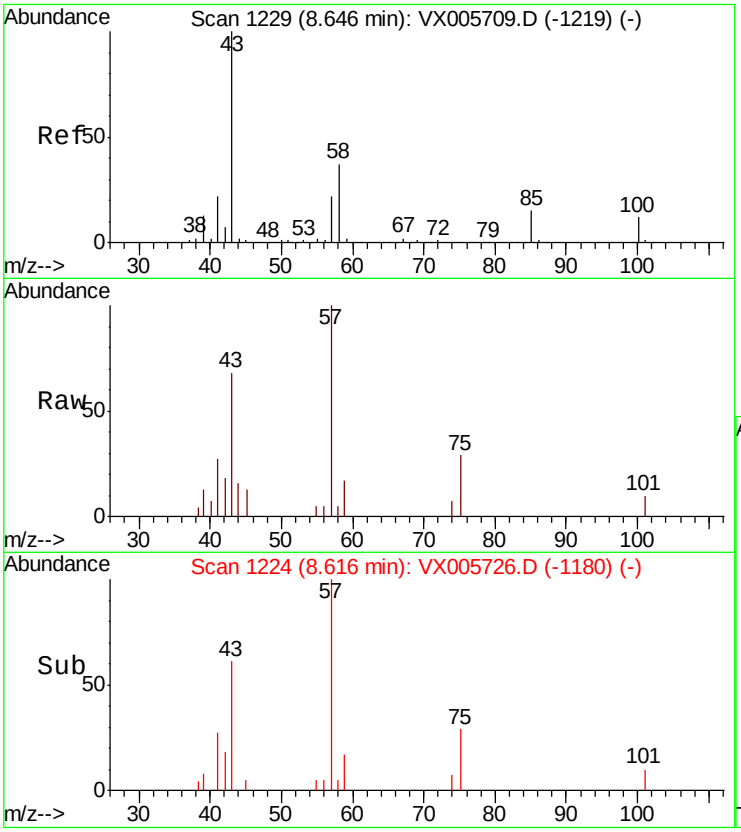


#50
Toluene-d8
Concen: 49.796 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 98 Resp: 278117

Ion	Ratio	Lower	Upper
98	100		
100	61.3	51.3	76.9



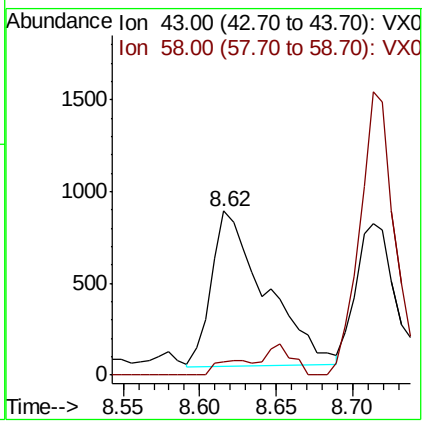


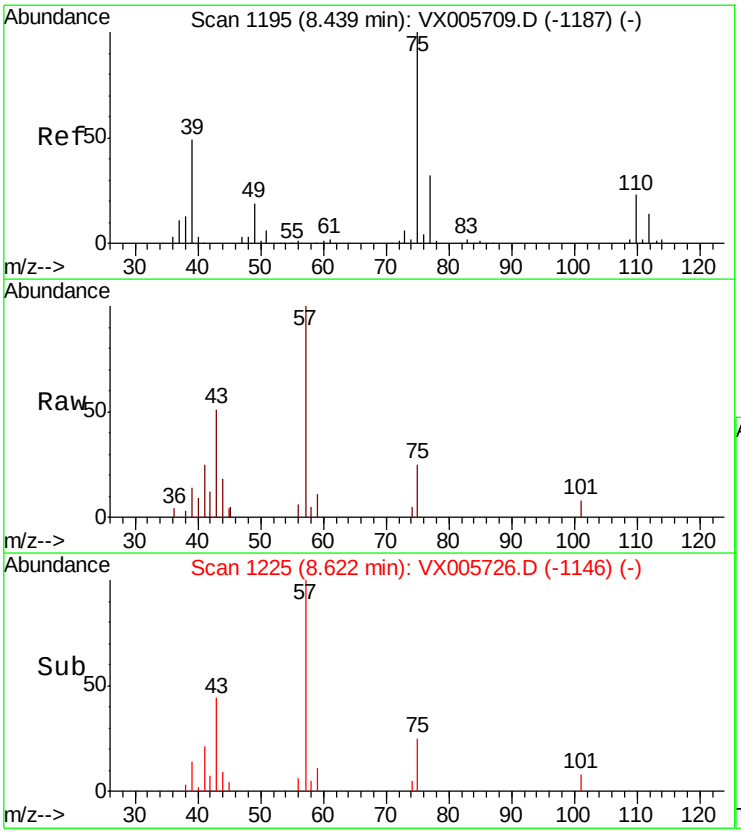
#51
4-Methyl-2-Pentanone
Concen: 0.667 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2064

Ion	Ratio	Lower	Upper
43	100		
58	6.6	29.7	44.5#

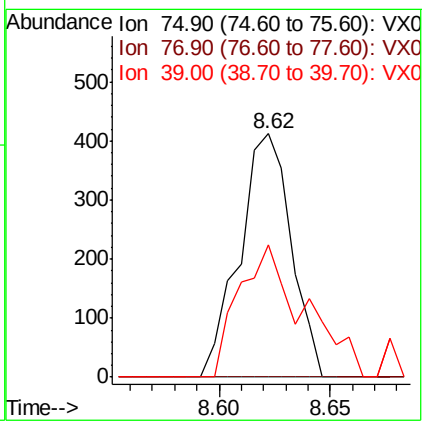


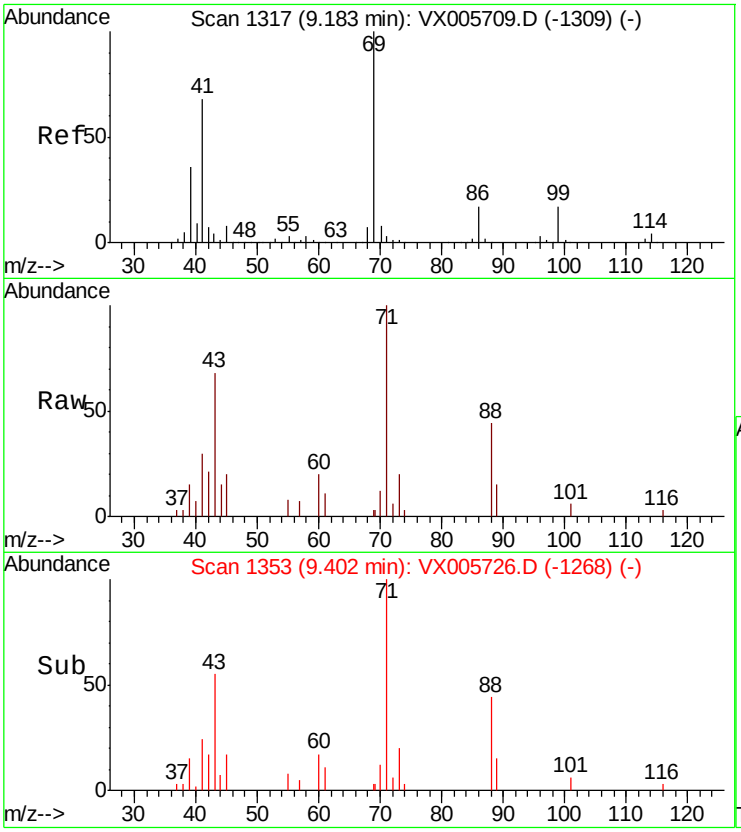


#54
cis-1,3-Dichloropropene
Concen: 0.257 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 75 Resp: 669

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.2	37.8#
39	54.6	38.2	57.2



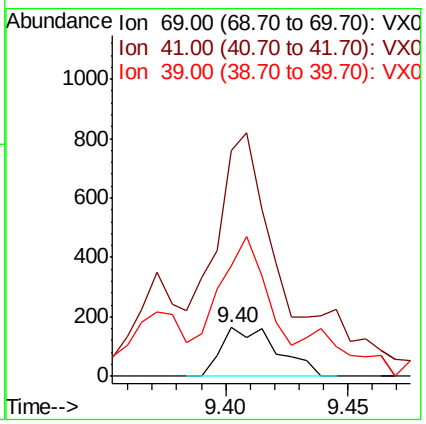


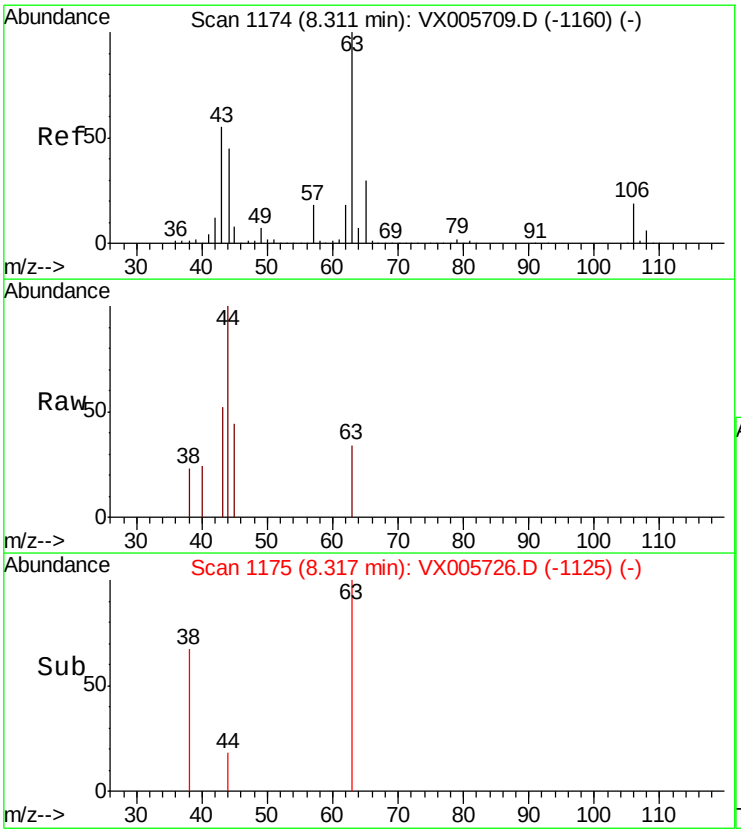
#56
Ethyl methacrylate
Concen: 2.557 ug/l
RT: 9.40 min Scan# 1353
Delta R.T. 0.22 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 262

Ion	Ratio	Lower	Upper
69	100		
41	445.0	57.0	85.6#
39	247.3	28.3	42.5#

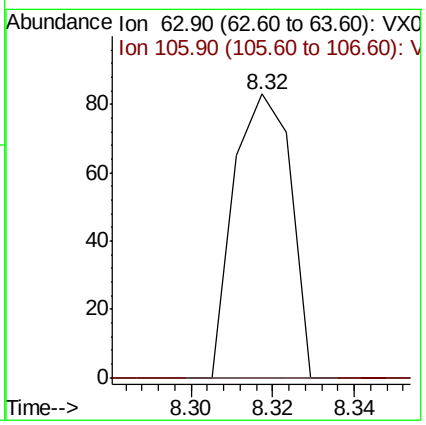


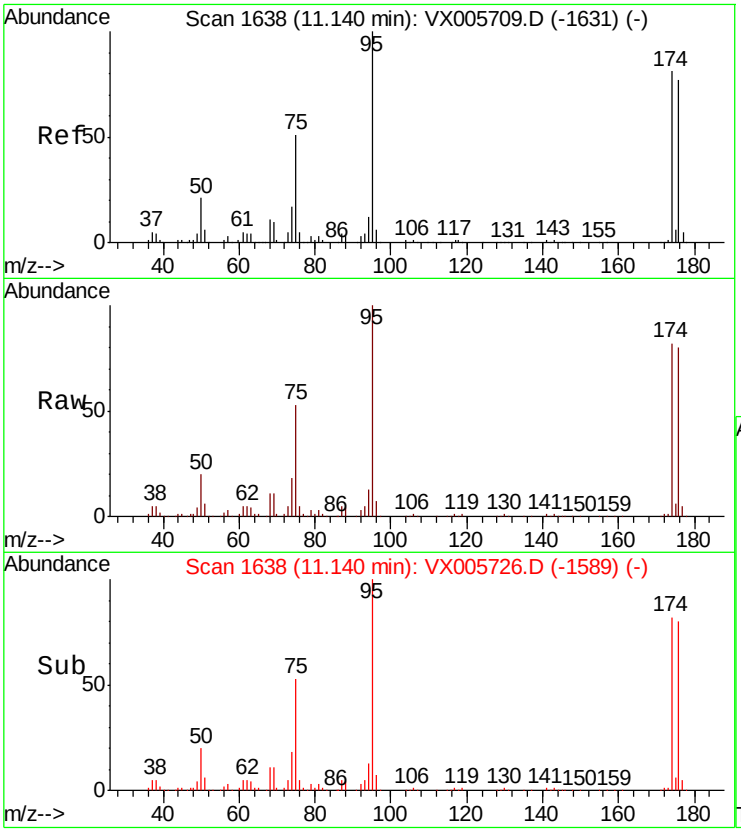


#58
2-Chloroethyl Vinyl ether
Concen: 10.384 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 63 Resp: 80

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.3	31.9#



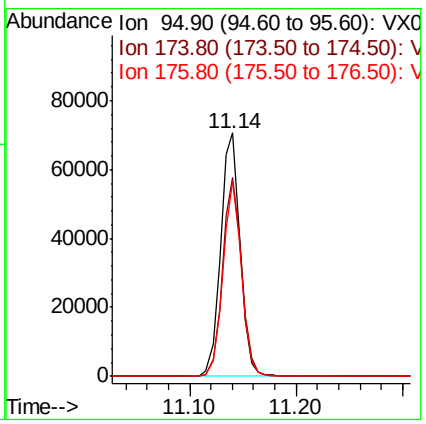


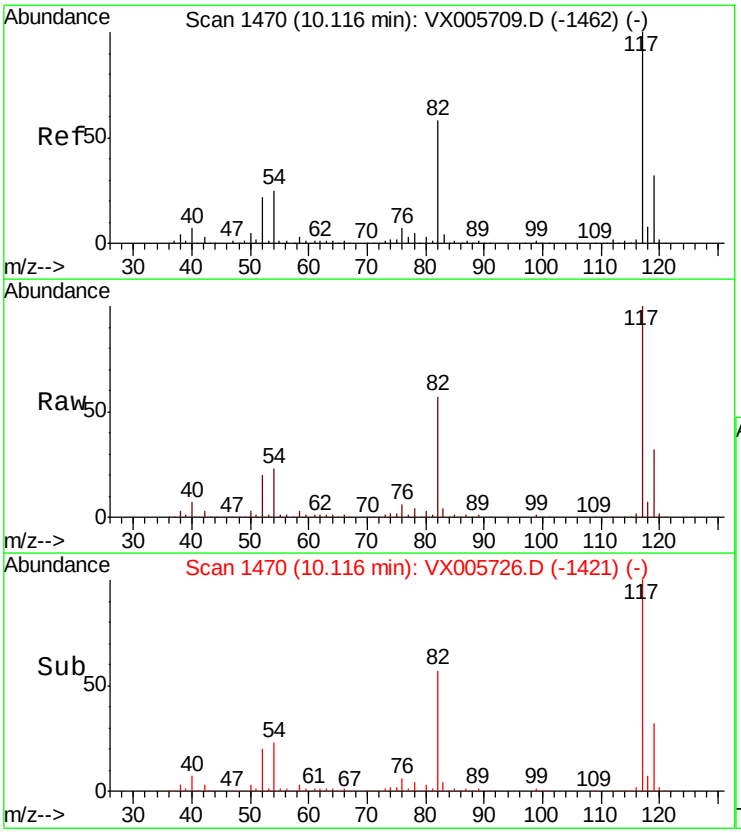
#62
4-Bromofluorobenzene
Concen: 43.632 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 89940

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	184.4
176	76.7	0.0	177.4

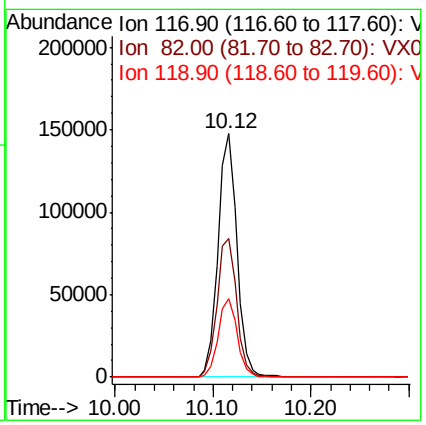


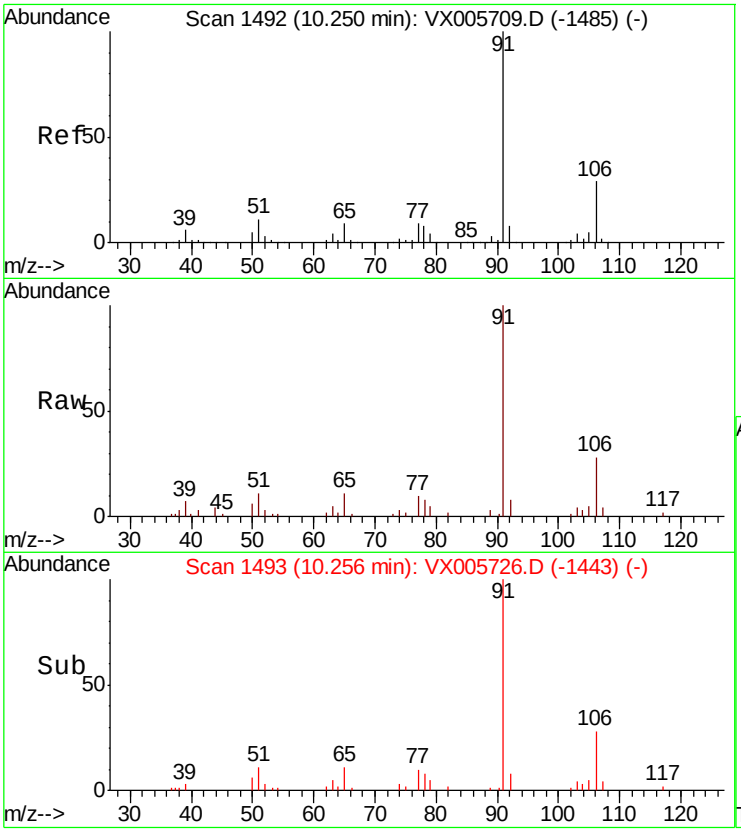


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion:117 Resp: 199018

Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.1	66.1
119	32.0	26.2	39.2



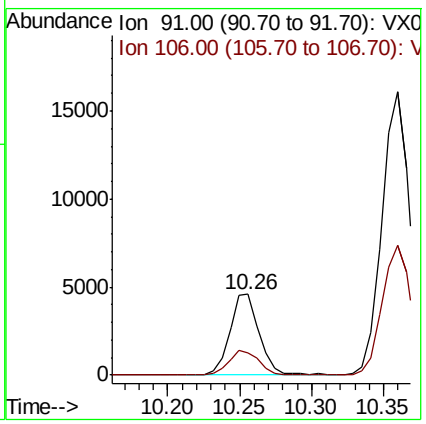


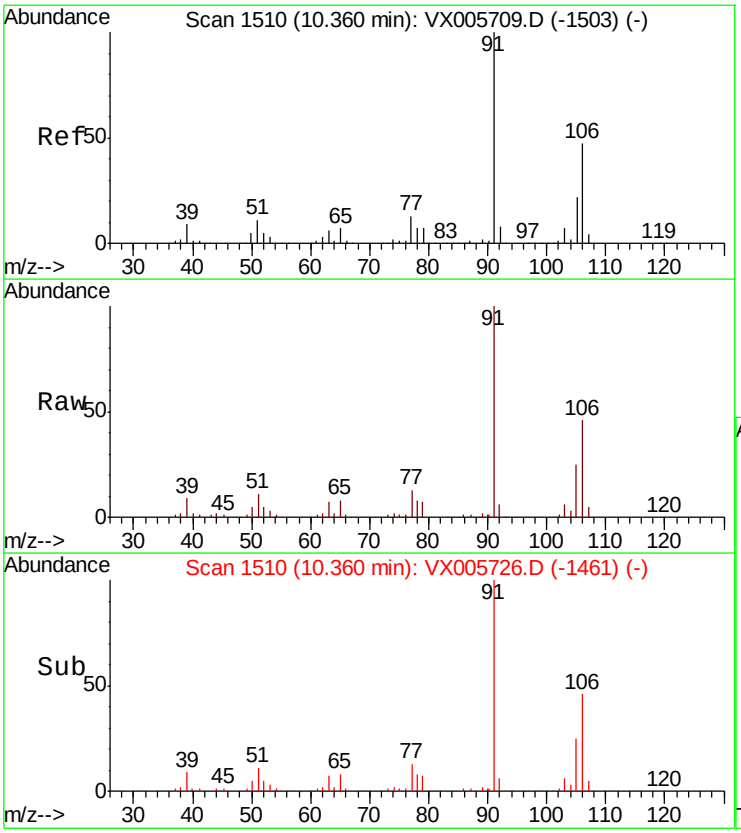
#67
Ethyl Benzene
Concen: 0.913 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 6589

Ion	Ratio	Lower	Upper
91	100		
106	28.1	24.4	36.6

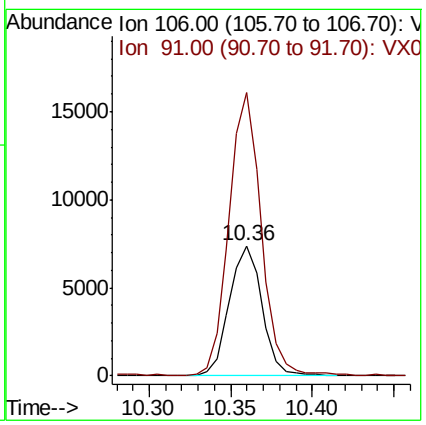


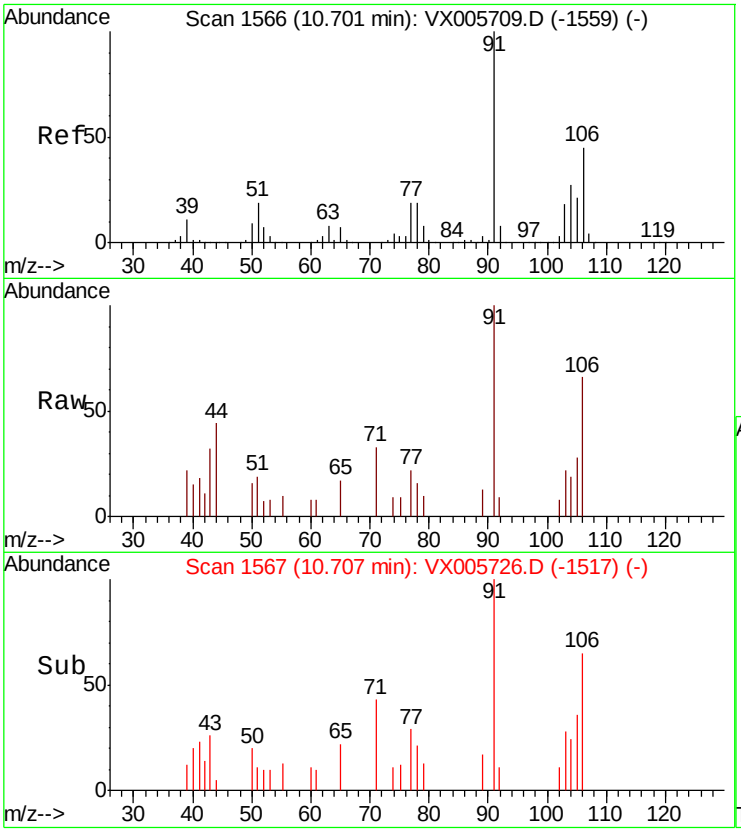


#68
m/p-Xylenes
Concen: 3.870 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion:106 Resp: 10379

Ion	Ratio	Lower	Upper
106	100		
91	214.4	164.2	246.4



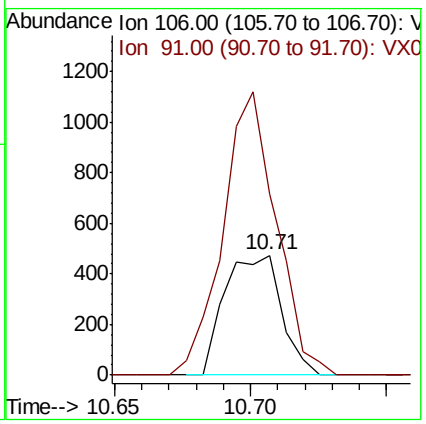


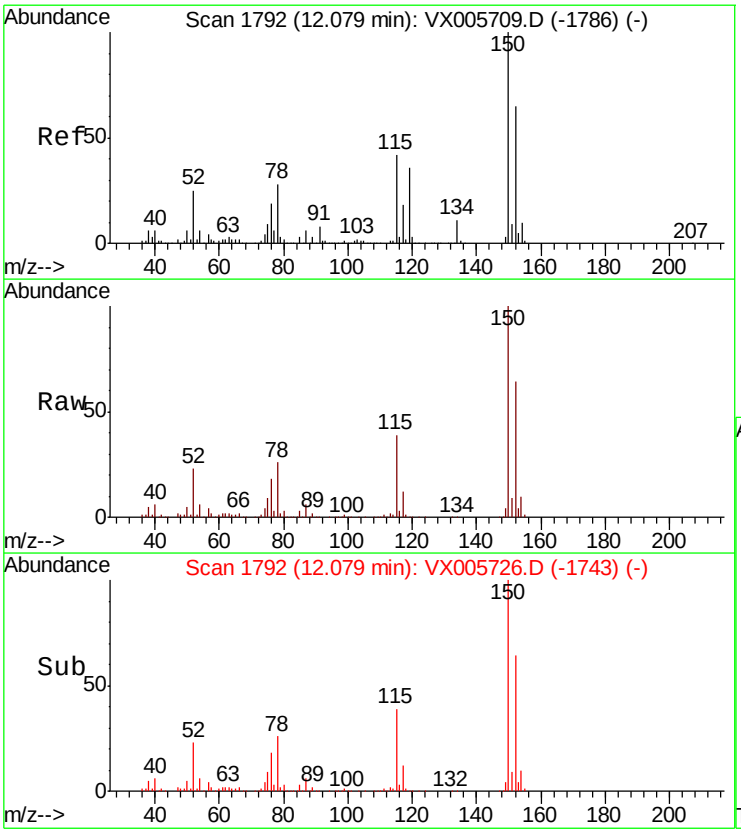
#69
o-Xylene
Concen: 0.267 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 684

Ion	Ratio	Lower	Upper
106	100		
91	222.2	108.5	325.5

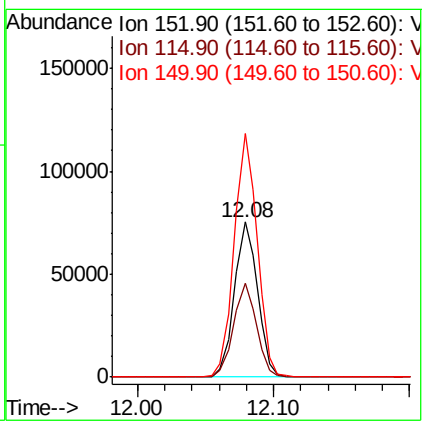


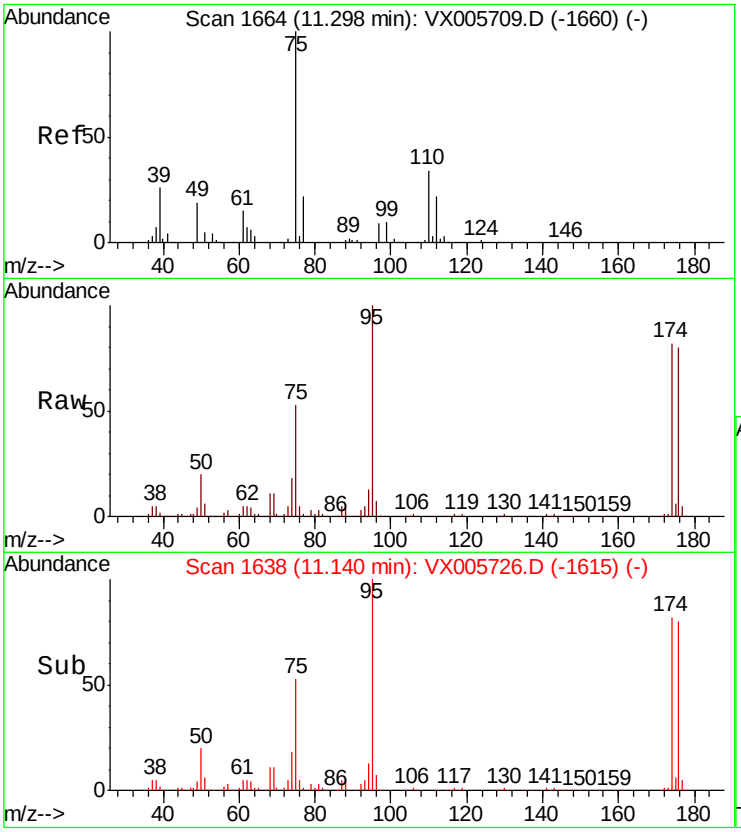


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion:152 Resp: 89082

Ion	Ratio	Lower	Upper
152	100		
115	60.2	39.4	118.1
150	156.9	0.0	346.4



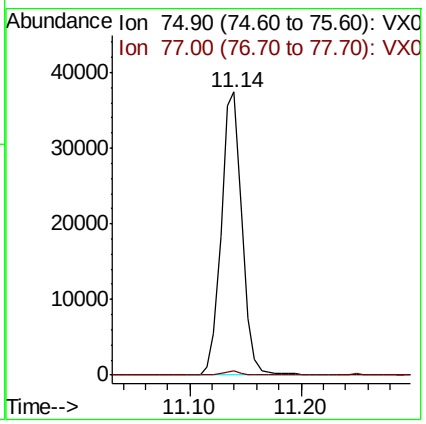


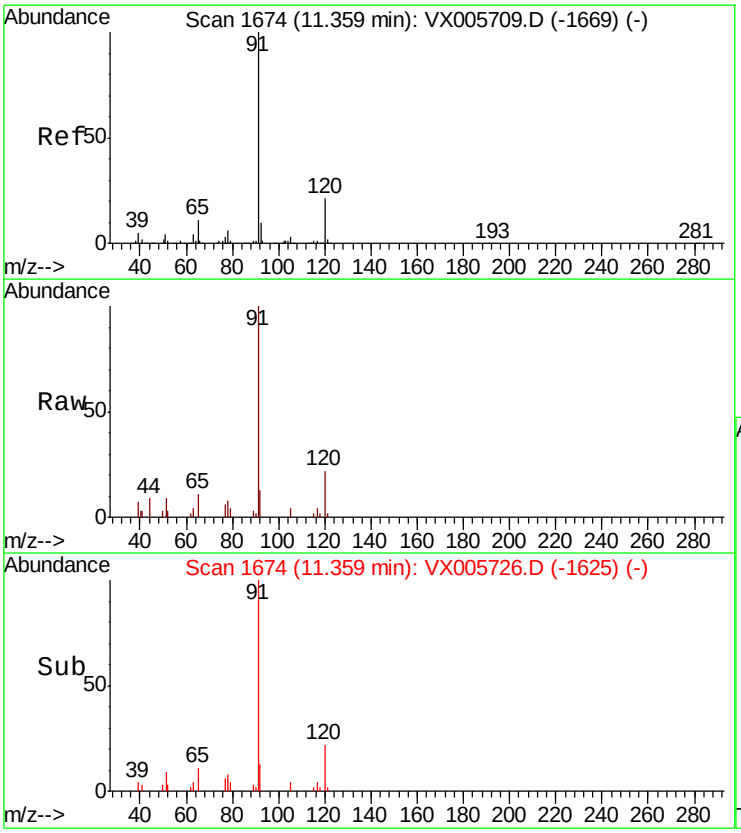
#76
1,2,3-Trichloropropane
Concen: 21.607 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47939

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.5	61.6#

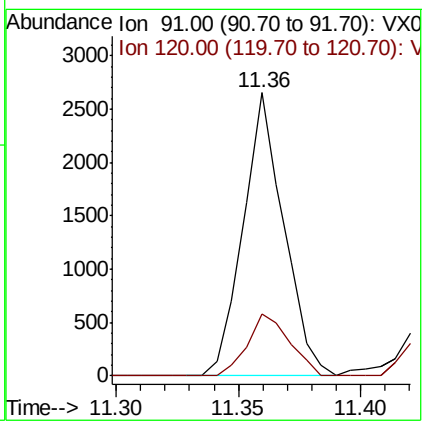


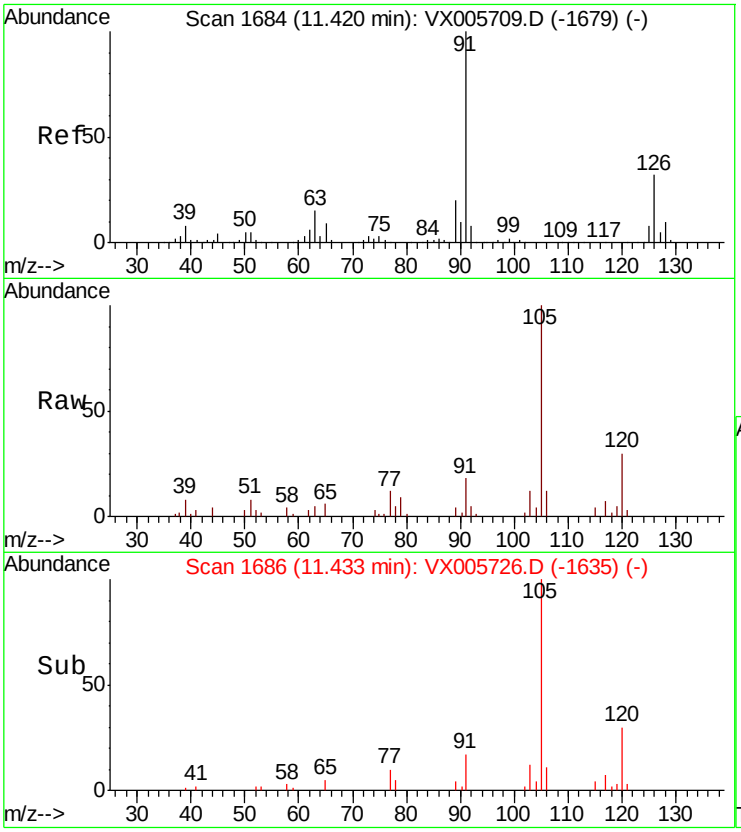


#78
n-propylbenzene
Concen: 0.428 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion: 91 Resp: 3062

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.9	35.5



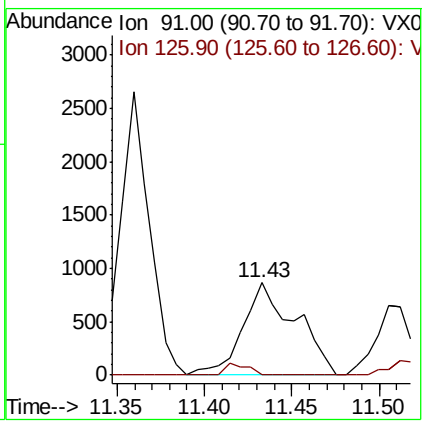


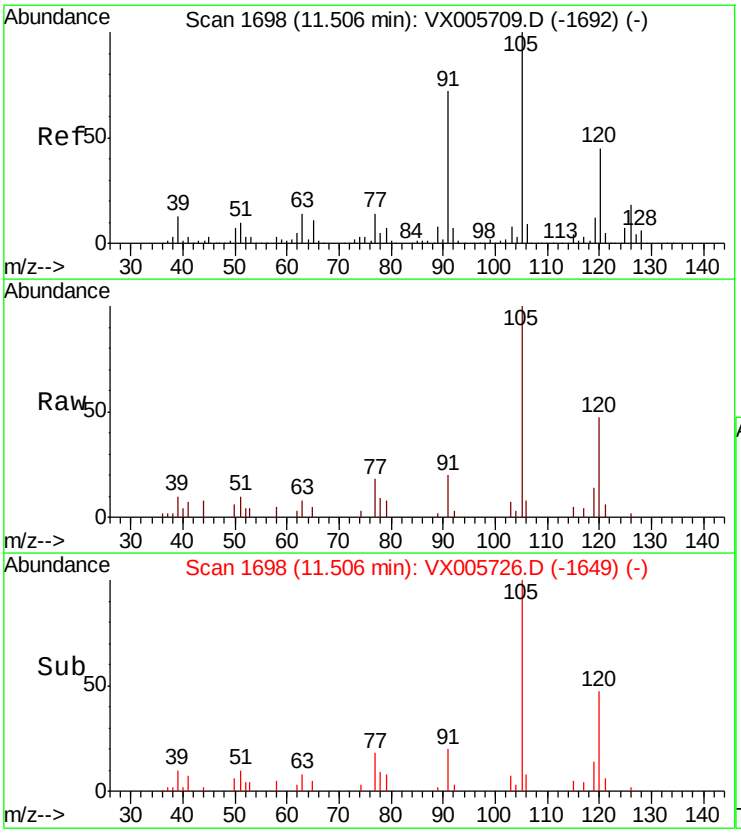
#79
2-Chlorotoluene
Concen: 0.428 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 1826

Ion	Ratio	Lower	Upper
91	100		
126	5.3	17.3	52.0#

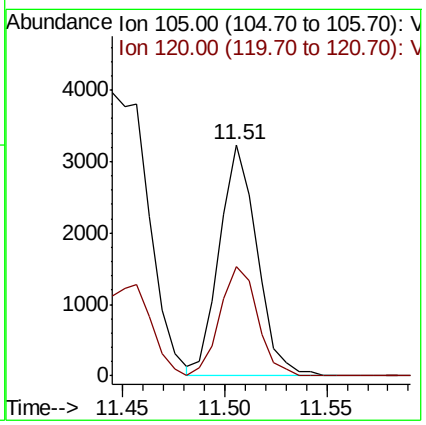


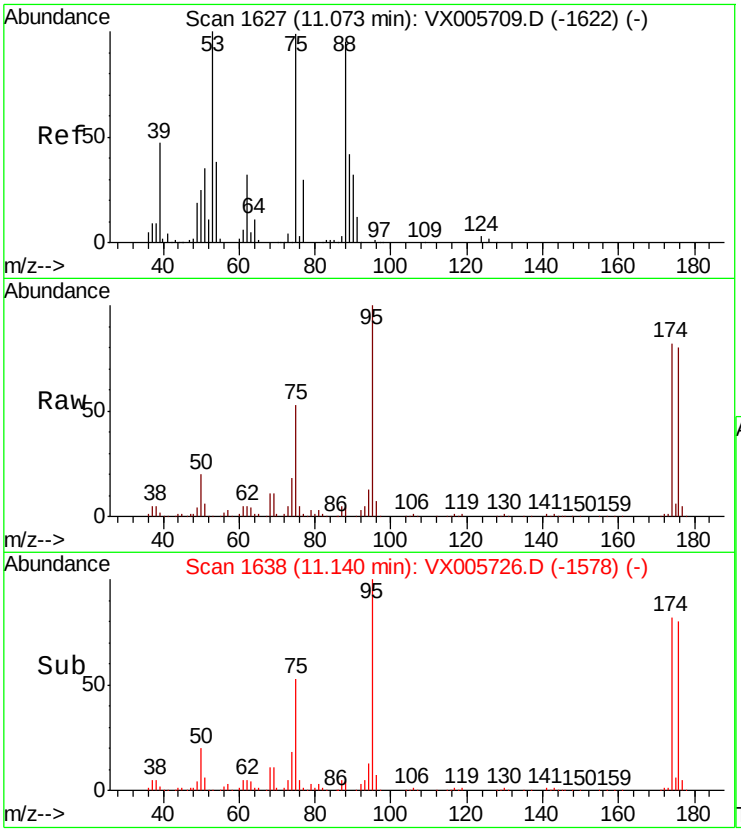


#80
1,3,5-Trimethylbenzene
Concen: 0.828 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion:105 Resp: 4130

Ion	Ratio	Lower	Upper
105	100		
120	47.2	24.1	72.2



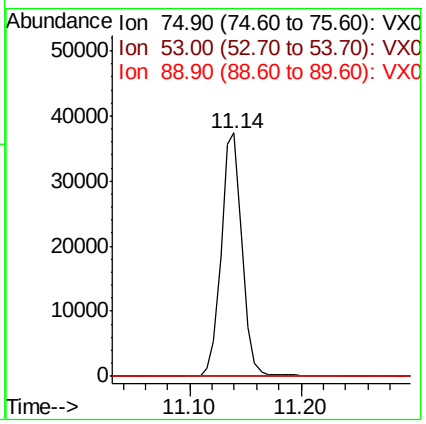


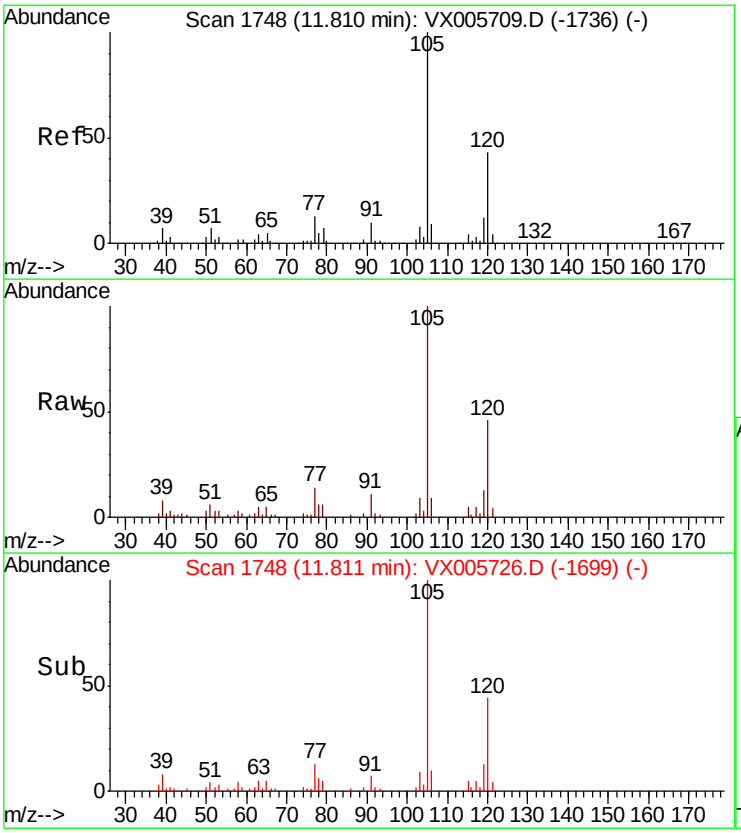
#81
trans-1,4-Dichloro-2-butene
Concen: 69.810 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47939

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.2	120.2#
89	0.0	39.8	59.8#

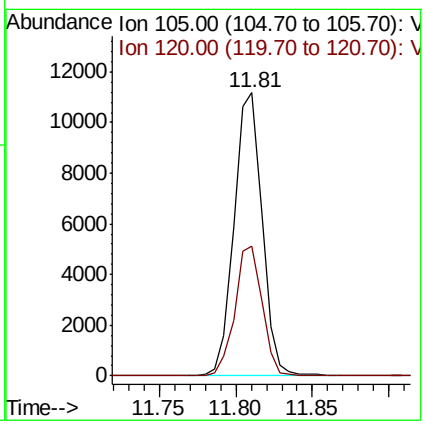


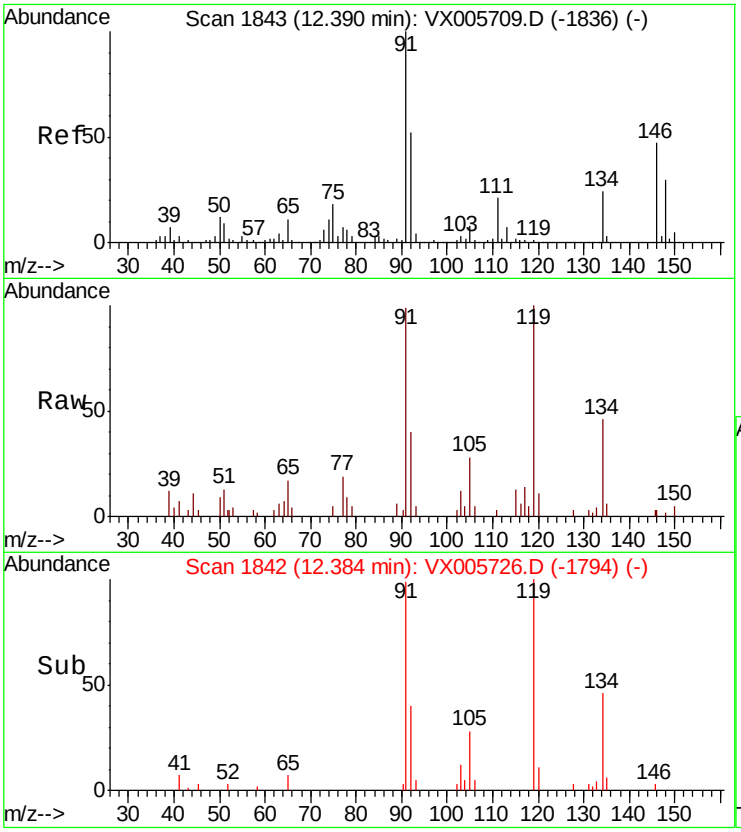


#84
1,2,4-Trimethylbenzene
Concen: 2.811 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion:105 Resp: 14167

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.4	67.0



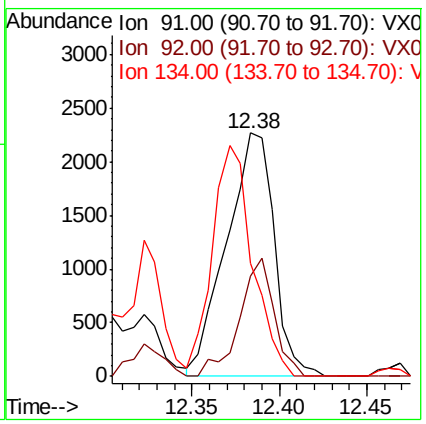


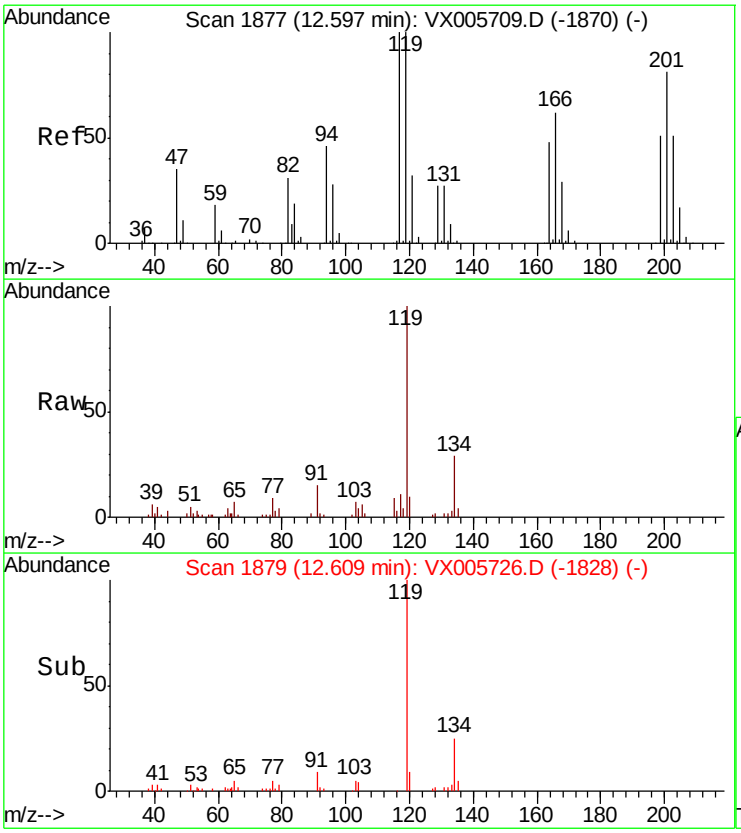
#89
n-Butylbenzene
Concen: 0.822 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 4309

Ion	Ratio	Lower	Upper
91	100		
92	35.1	26.1	78.2
134	79.7	13.1	39.3#

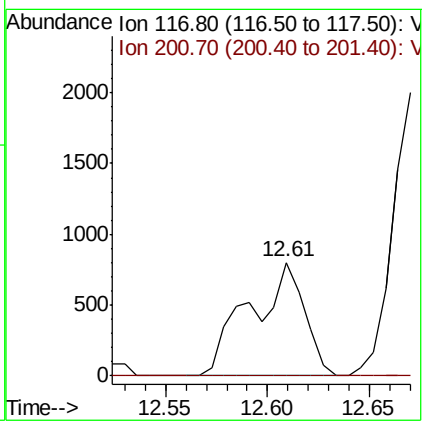


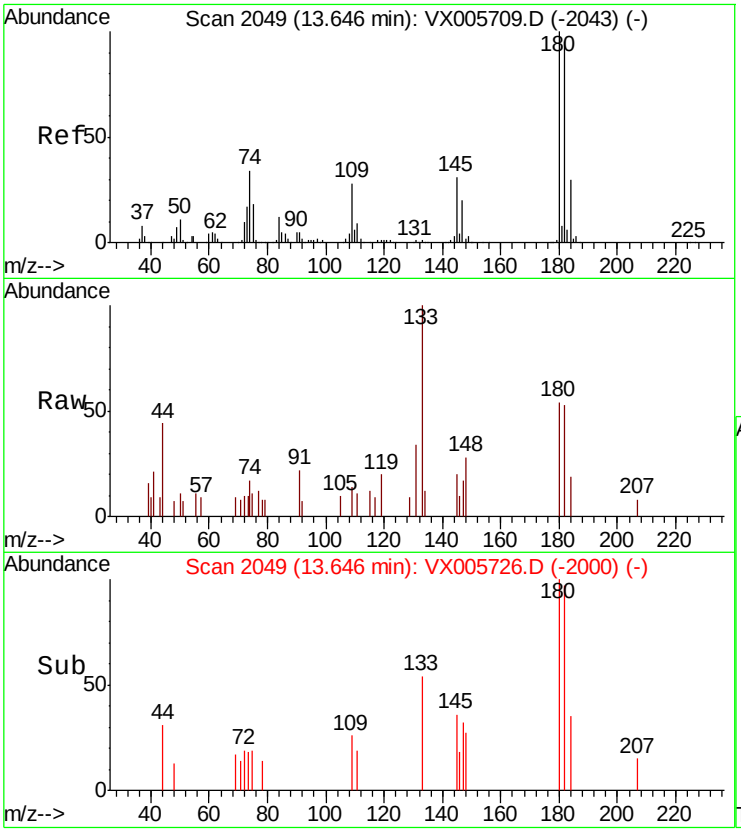


#90
Hexachloroethane
Concen: 1.616 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion:117 Resp: 1489

Ion	Ratio	Lower	Upper
117	100		
201	0.0	47.9	143.6#



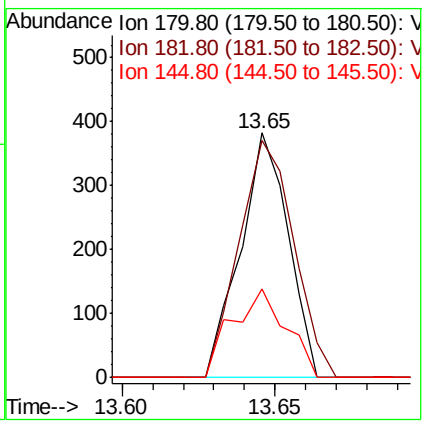


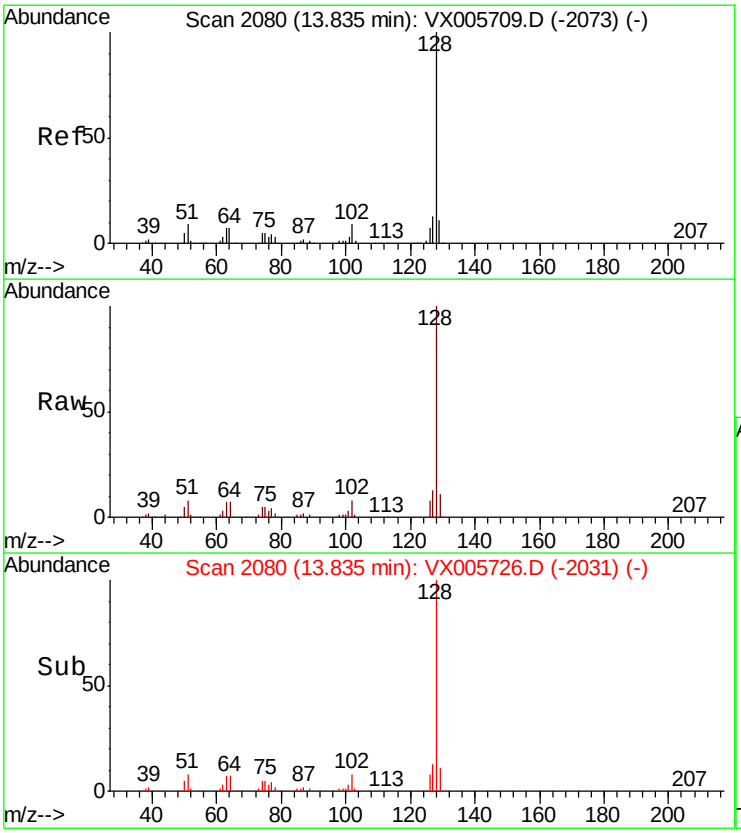
#93
1,2,4-Trichlorobenzene
Concen: 0.218 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 412

Ion	Ratio	Lower	Upper
180	100		
182	111.7	47.6	142.8
145	40.8	14.1	42.2





#95
Naphthalene
Concen: 4.666 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005726.D
Acq: 01 Nov 2018 13:50

Tgt Ion:128 Resp: 28983

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.1	8.7	13.1