Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102318\
Data File : VX005525.D
Acq On : 23 Oct 2018 17:07
Operator : JC/MD
Sample : J5641-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 24 01:15:11 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	236586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140302	53.43	ug/l	-0.01
Spiked Amount 50.000			Recovery = 106.86%			
35) Dibromofluoromethane	5.51	113	113955	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
50) Toluene-d8	8.72	98	373809	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.56%			
62) 4-Bromofluorobenzene	11.14	95	122669	41.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.48%			
Target Compounds						Qvalue
3) Chloromethane	1.41	50	3829	1.429	ug/l #	63
4) Vinyl Chloride	1.41	62	107007	39.410	ug/l #	88
5) Bromomethane	1.65	94	313	0.786	ug/l	92
6) Chloroethane	1.72	64	5784	3.608	ug/l #	48
10) Methyl Iodide	2.51	142	330	2.626	ug/l #	79
11) Tert butyl alcohol	3.07	59	657	0.887	ug/l #	83
13) Acrolein	2.32	56	260	Below Cal		85
16) Acetone	2.45	43	19426	12.796	ug/l	96
17) Carbon Disulfide	2.57	76	6096	0.971	ug/l #	93
18) Methyl Acetate	2.78	43	919	0.213	ug/l	93
20) Methylene Chloride	2.87	84	839	Below Cal #		79
21) trans-1,2-Dichloroethene	3.17	96	2084	0.908	ug/l	95
25) 2-Butanone	4.70	43	30079	13.541	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	20329	8.146	ug/l	98
29) Tetrahydrofuran	5.15	42	26087	18.412	ug/l	90
31) Cyclohexane	5.67	56	4315	1.195	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15832	4.751	ug/l #	49
37) Ethyl Acetate	4.70	43	30079	7.019	ug/l #	68
38) Carbon Tetrachloride	5.67	117	20087	5.999	ug/l #	15
41) Methacrylonitrile	5.16	41	16436	7.154	ug/l #	45
44) Trichloroethene	7.21	130	16951	6.095	ug/l	85
51) 4-Methyl-2-Pentanone	8.65	43	1055	0.267	ug/l #	80
52) Toluene	8.79	92	5570	1.018	ug/l	93
60) Dibromochloromethane	9.34	129	22182	9.264	ug/l #	11
64) Tetrachloroethene	9.34	164	24909	11.100	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	61256	23.944	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	61256	72.752	ug/l #	10

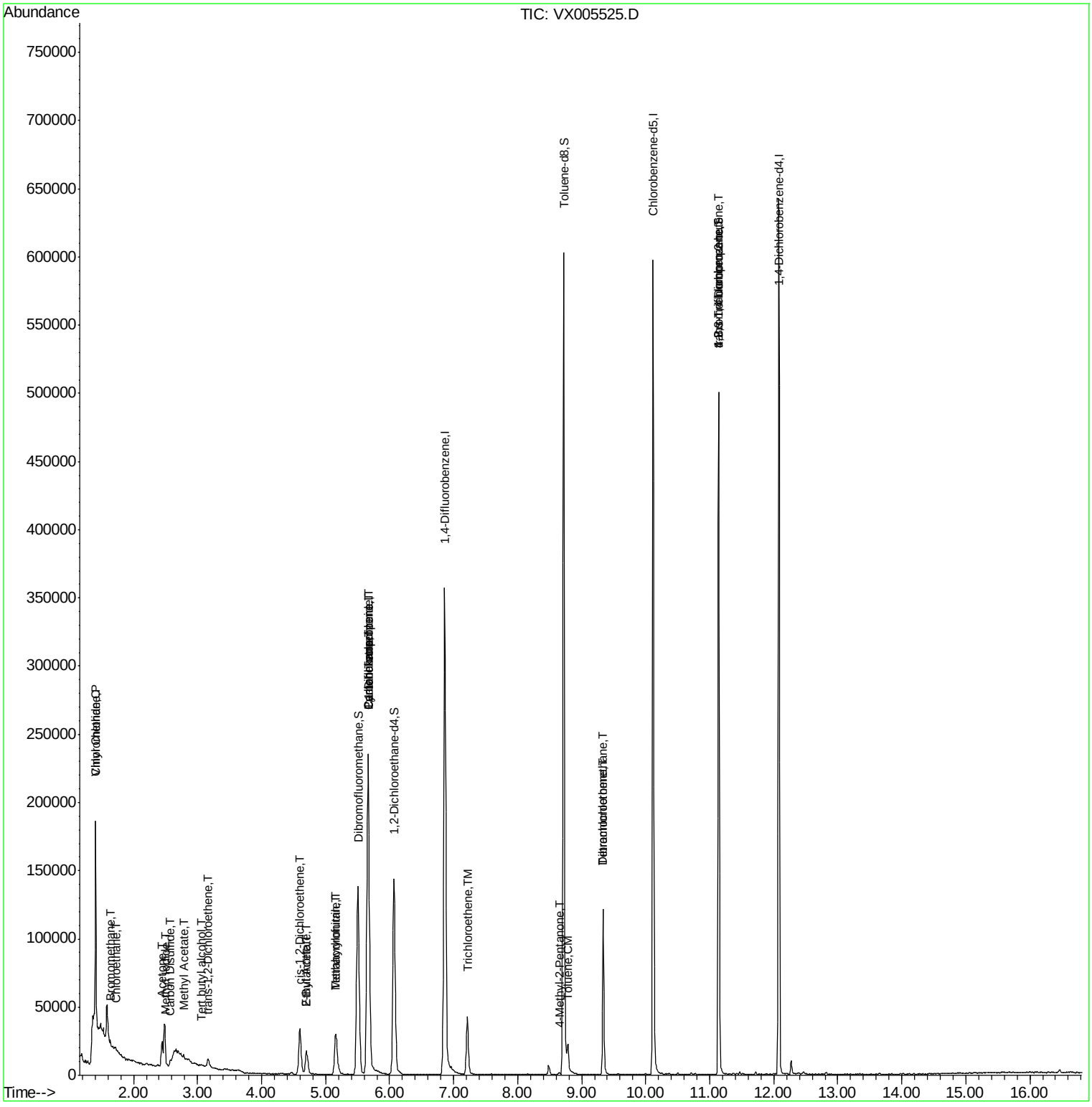
(#) = qualifier out of range (m) = manual integration (+) = signals summed

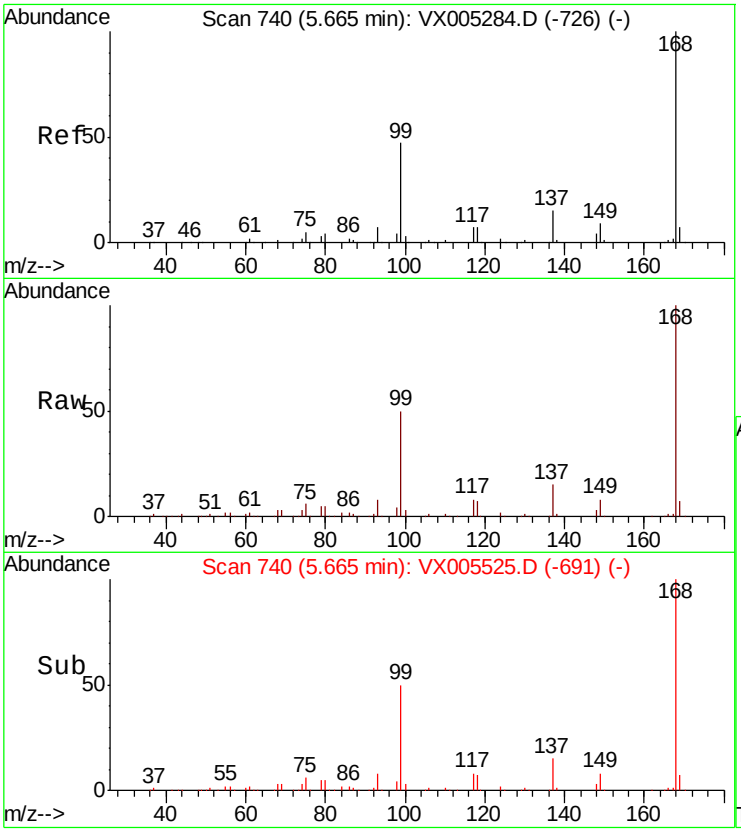
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
Data File : VX005525.D
Acq On : 23 Oct 2018 17:07
Operator : JC/MD
Sample : J5641-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 24 01:15:11 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



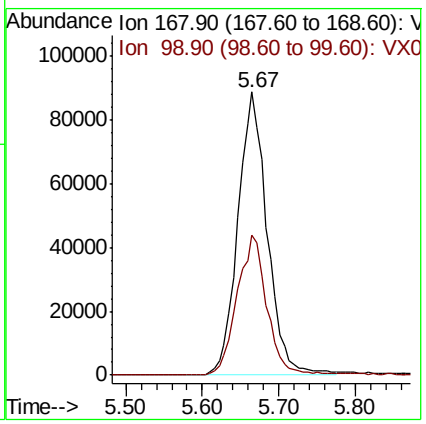


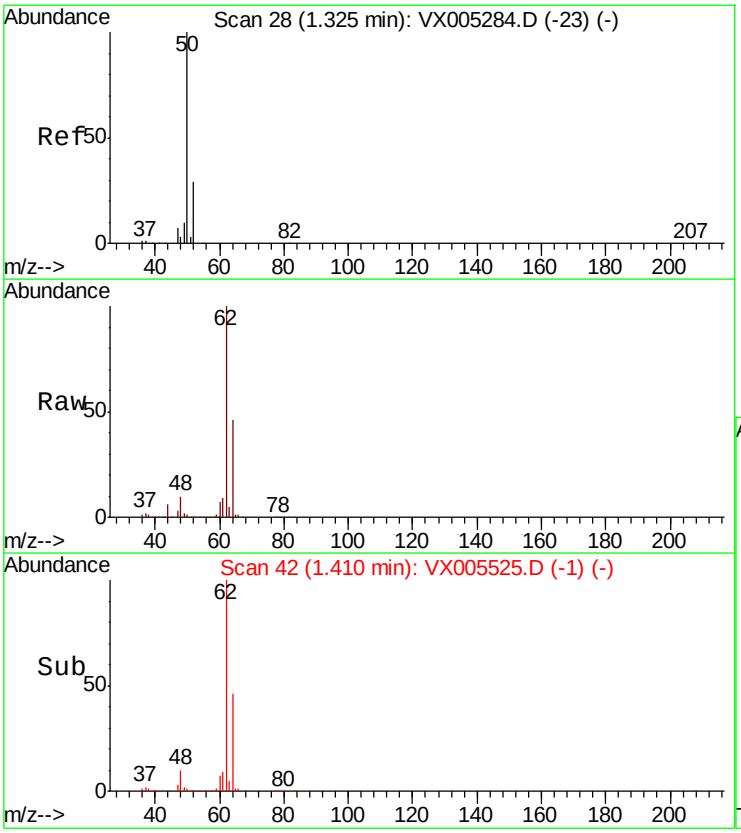
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 236586

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.9	59.9

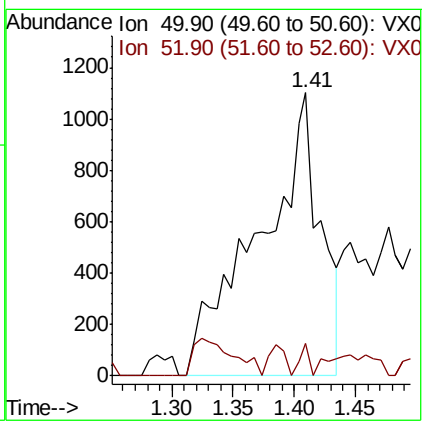


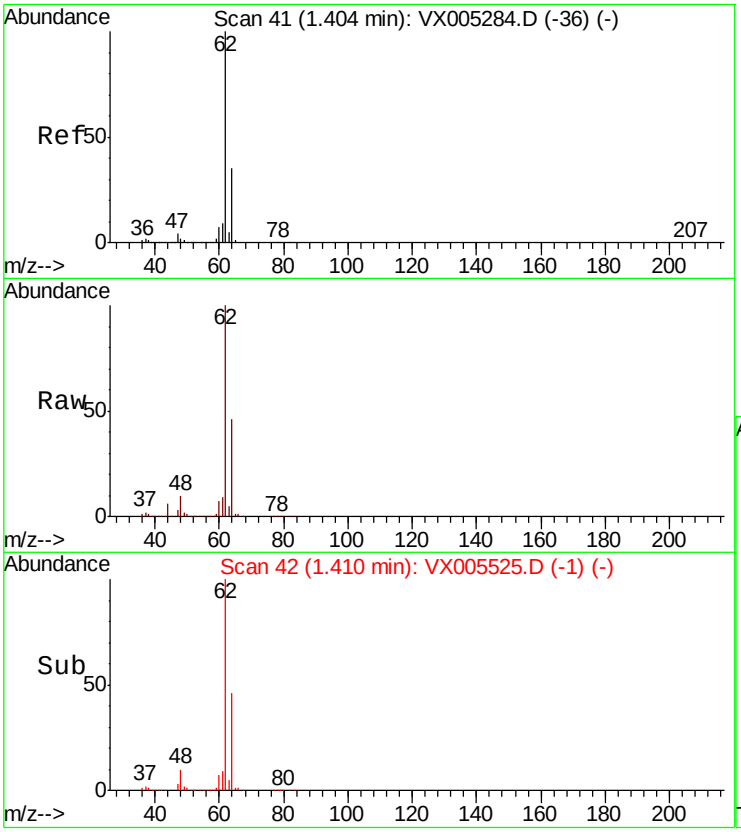


#3
Chloromethane
Concen: 1.429 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.09 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 50 Resp: 3829

Ion	Ratio	Lower	Upper
50	100		
52	11.7	26.2	39.2#



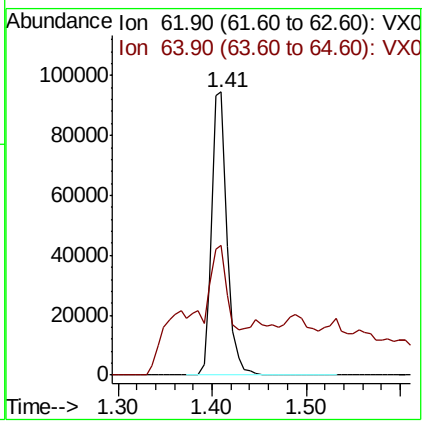


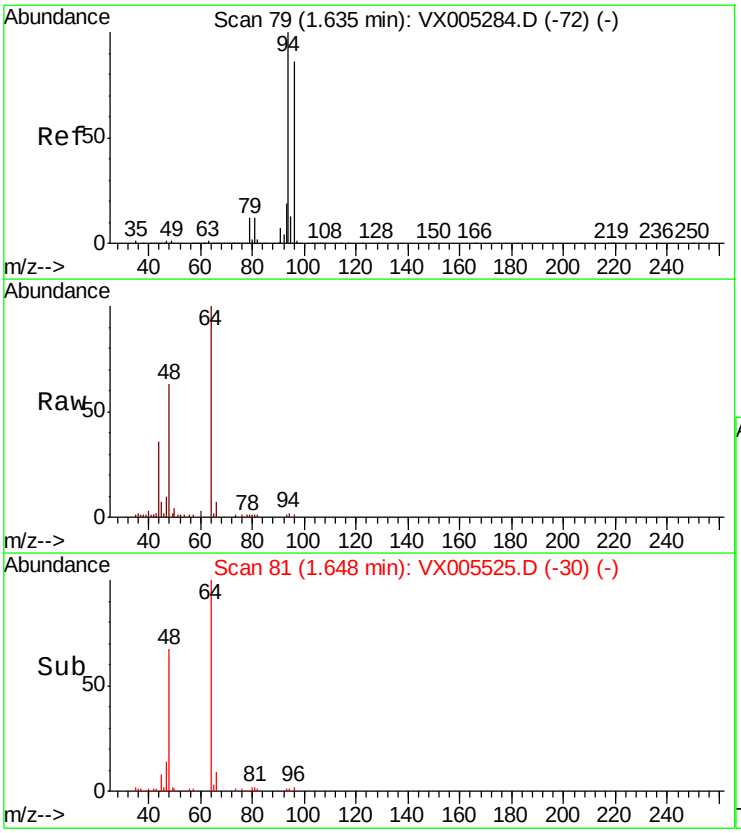
#4
Vinyl Chloride
Concen: 39.410 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 107007

Ion	Ratio	Lower	Upper
62	100		
64	25.8	25.8	38.8#

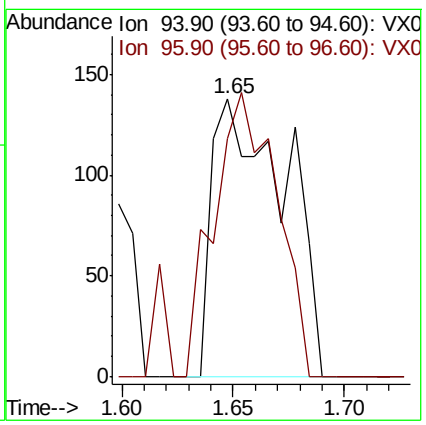


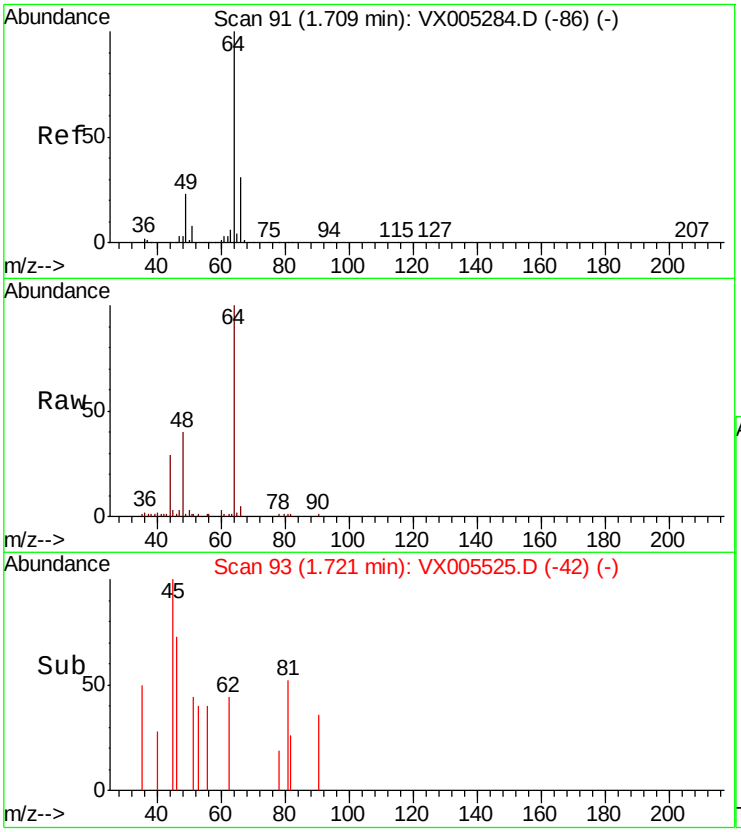


#5
Bromomethane
Concen: 0.786 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 94 Resp: 313

Ion	Ratio	Lower	Upper
94	100		
96	85.5	74.5	111.7



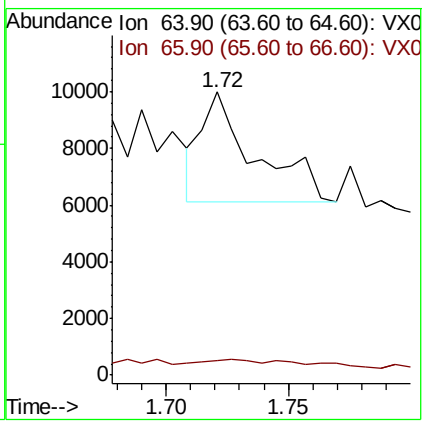


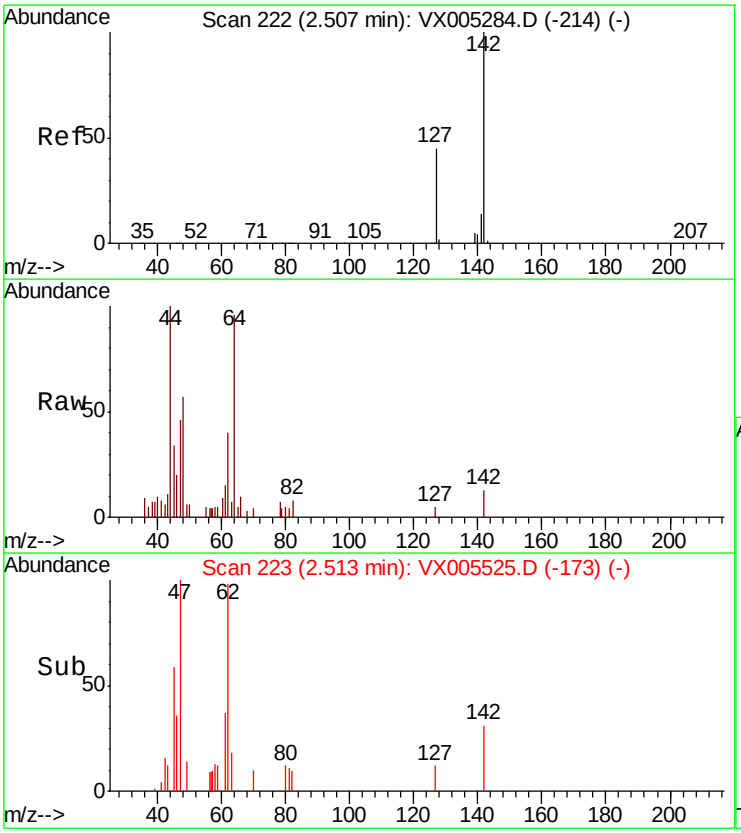
#6
Chloroethane
Concen: 3.608 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 5784

Ion	Ratio	Lower	Upper
64	100		
66	2.0	24.6	36.8#

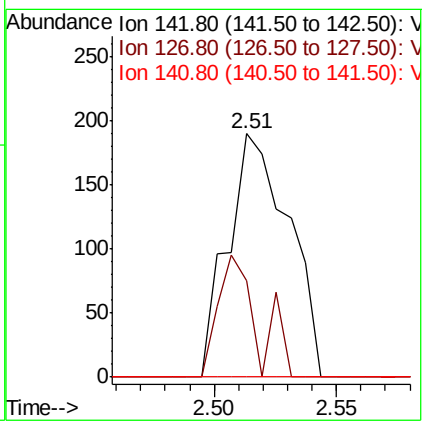


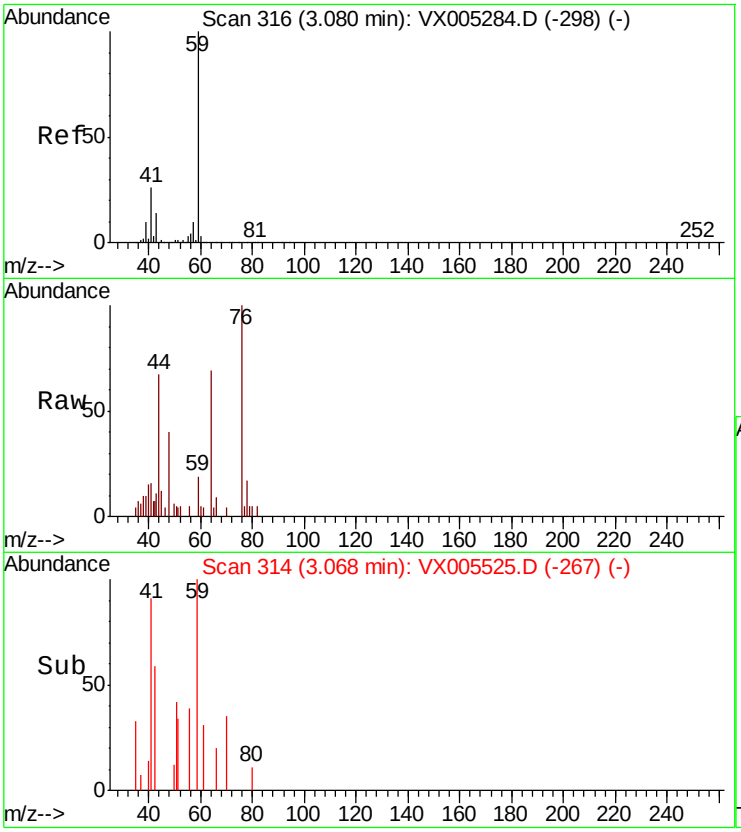


#10
Methyl Iodide
Concen: 2.626 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion:142 Resp: 330

Ion	Ratio	Lower	Upper
142	100		
127	32.1	33.8	50.6#
141	0.0	11.4	17.0#



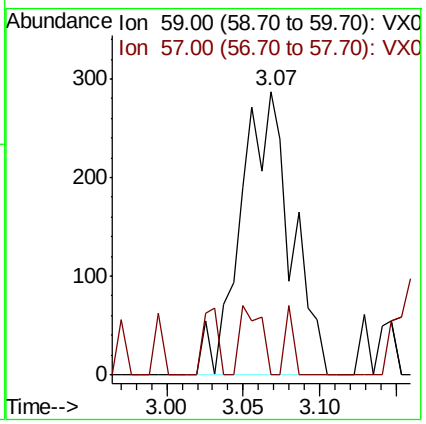


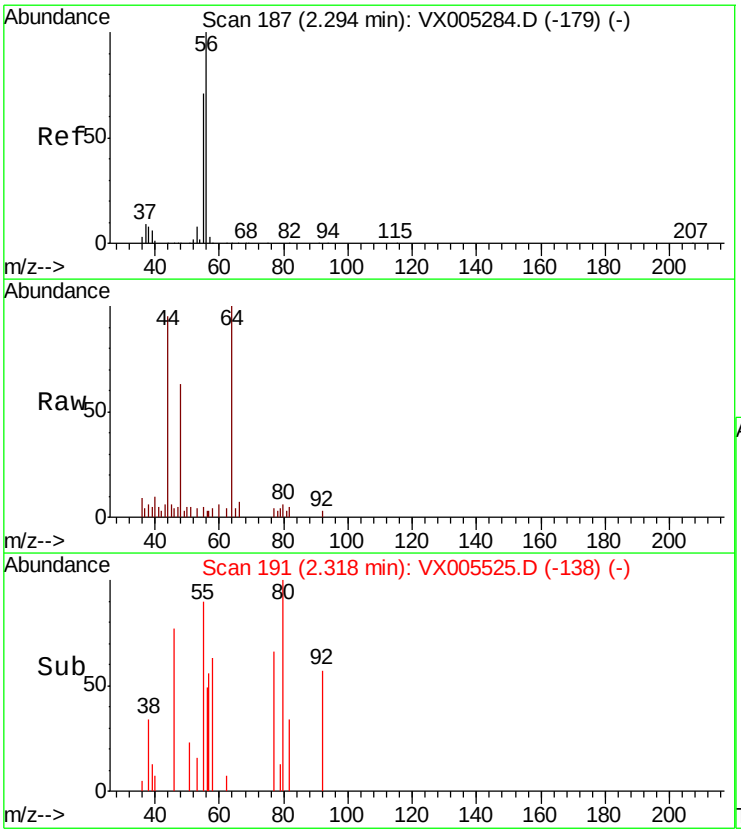
#11
Tert butyl alcohol
Concen: 0.887 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 657

Ion	Ratio	Lower	Upper
59	100		
57	4.0	8.2	12.4#

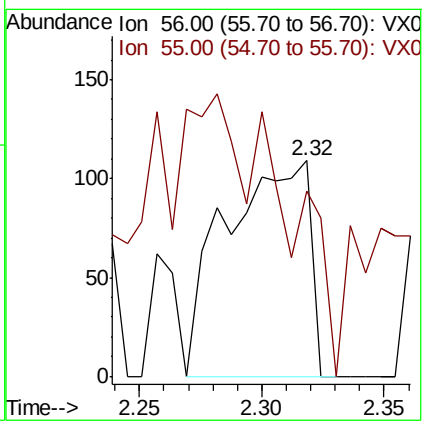


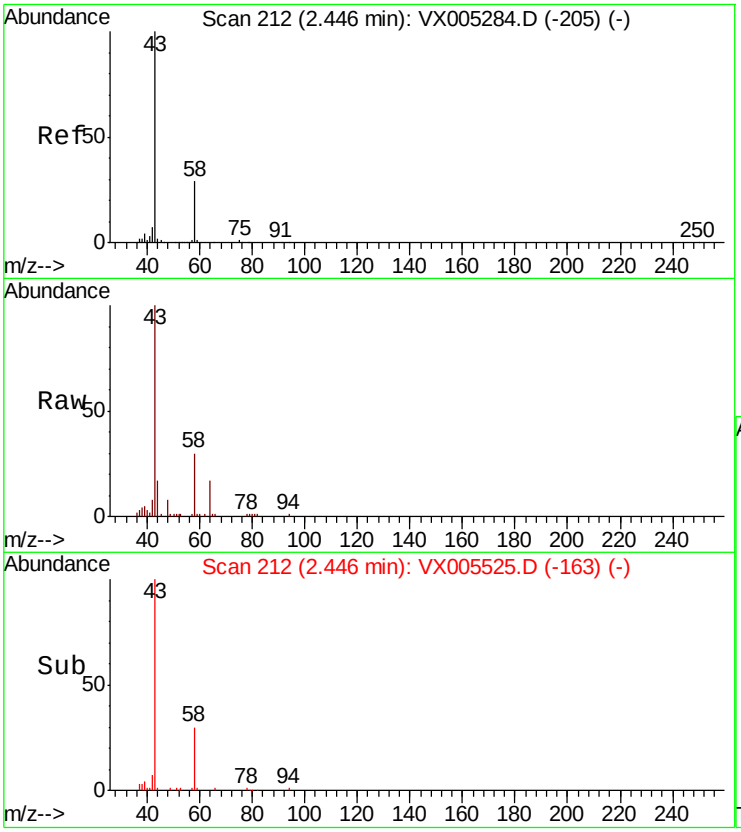


#13
Acrolein
Concen: Below Cal
RT: 2.32 min Scan# 191
Delta R.T. 0.03 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 56 Resp: 260

Ion	Ratio	Lower	Upper
56	100		
55	56.5	54.7	82.1



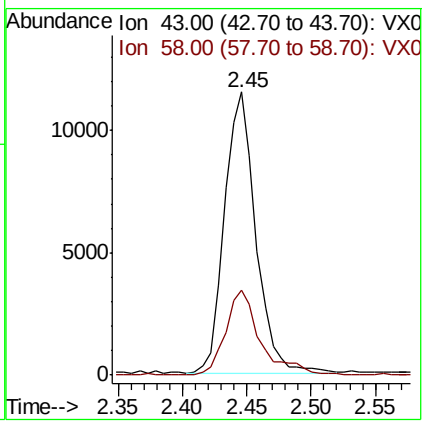


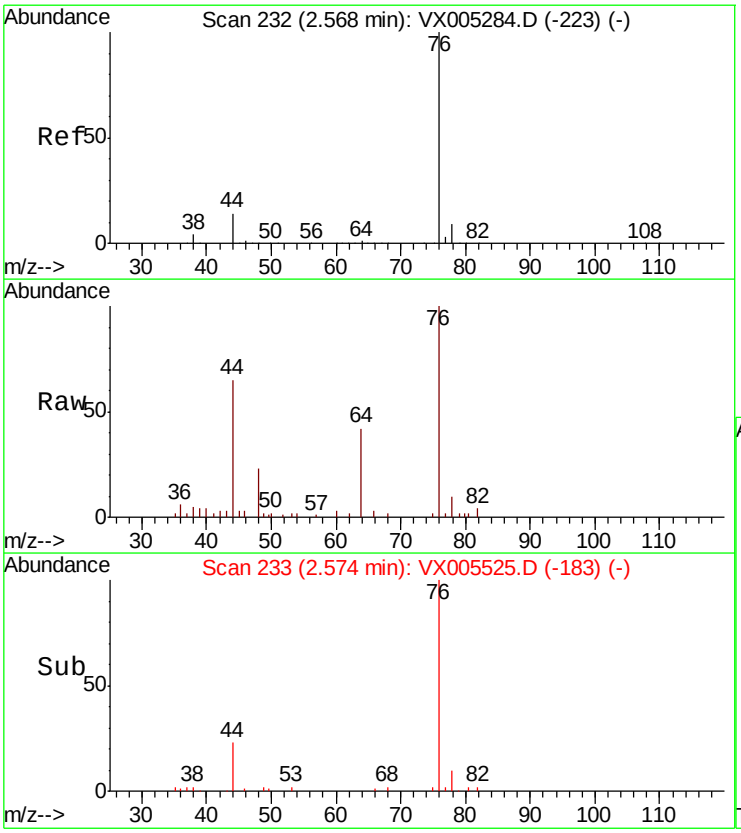
#16
Acetone
Concen: 12.796 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 19426

Ion	Ratio	Lower	Upper
43	100		
58	30.4	26.2	39.4

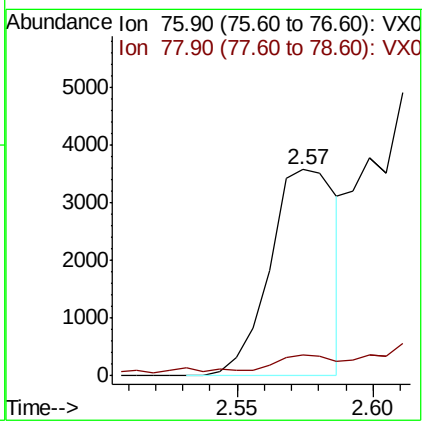


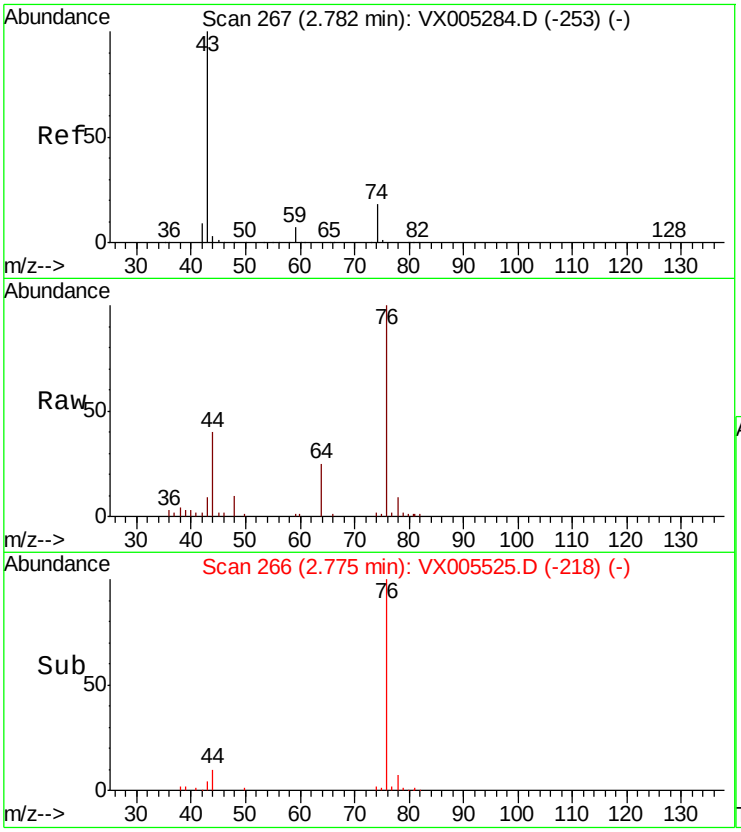


#17
Carbon Disulfide
Concen: 0.971 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 76 Resp: 6096

Ion	Ratio	Lower	Upper
76	100		
78	6.4	7.0	10.6#



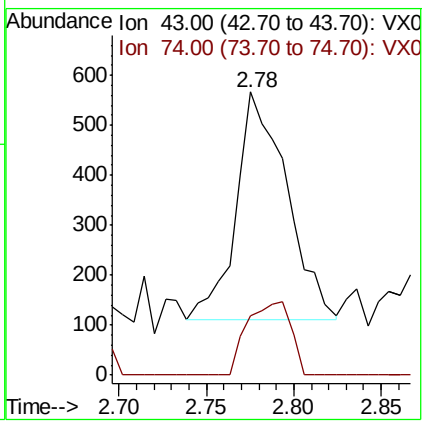


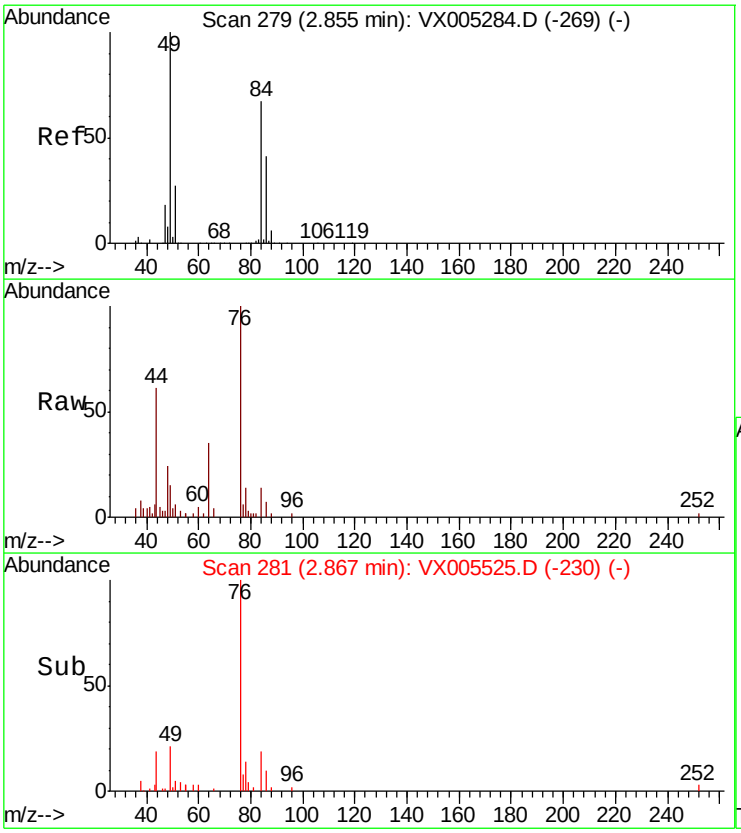
#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 919

Ion	Ratio	Lower	Upper
43	100		
74	27.6	19.4	29.2

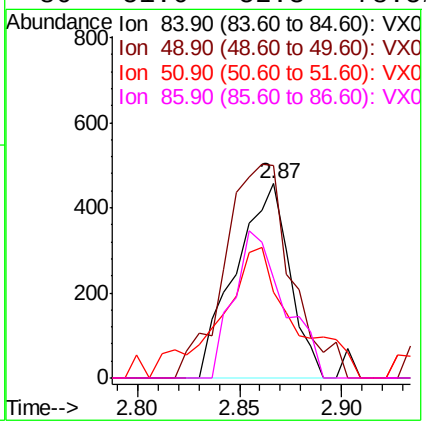


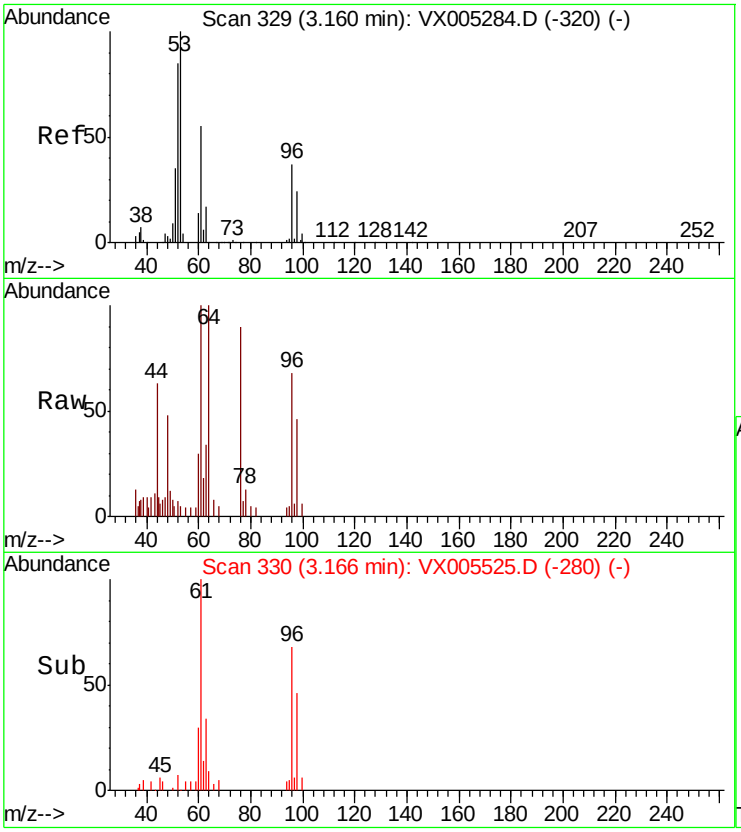


#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 84 Resp: 839

Ion	Ratio	Lower	Upper
84	100		
49	95.8	101.2	151.8#
51	32.2	29.5	44.3
86	51.6	52.3	78.5#



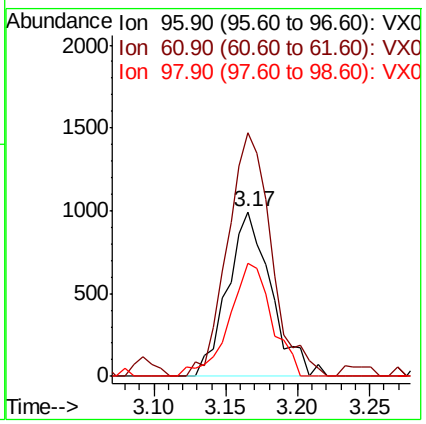


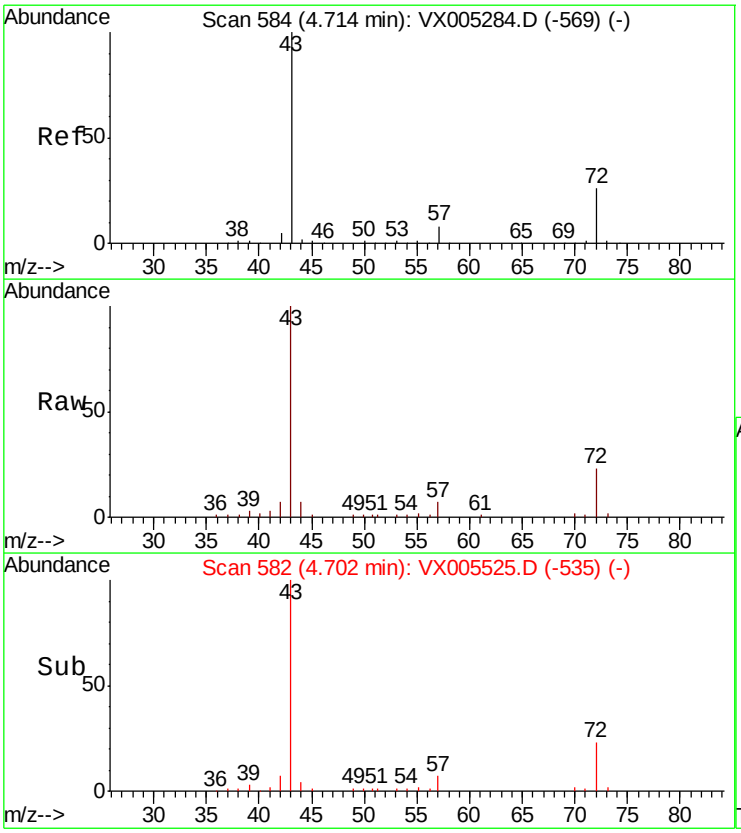
#21
trans-1,2-Dichloroethene
Concen: 0.908 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 2084

Ion	Ratio	Lower	Upper
96	100		
61	147.9	113.8	170.6
98	68.3	51.8	77.8

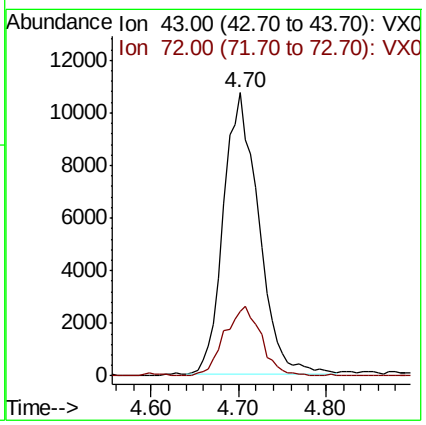


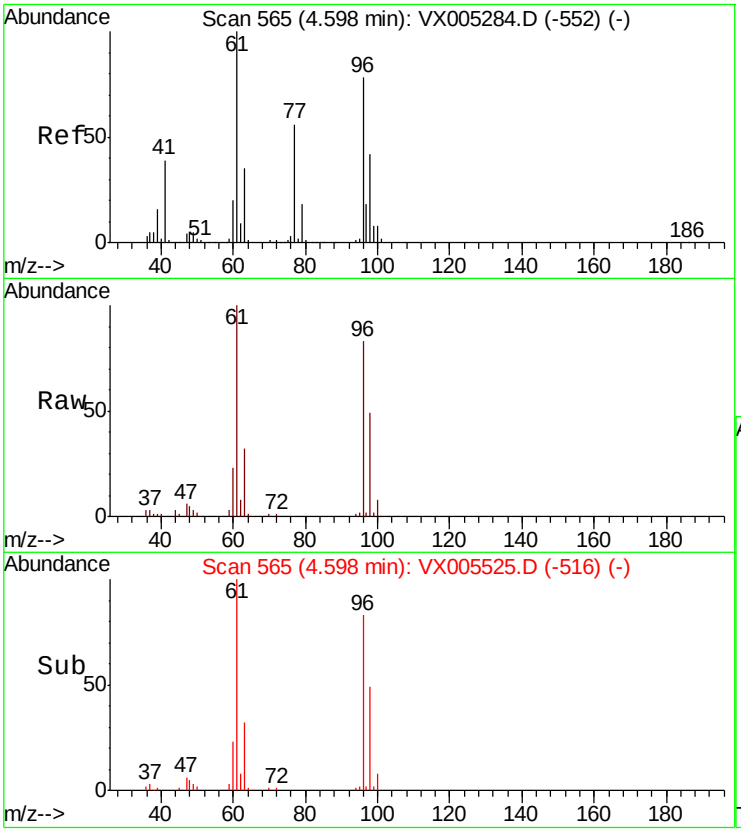


#25
2-Butanone
Concen: 13.541 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 43 Resp: 30079

Ion	Ratio	Lower	Upper
43	100		
72	22.9	22.0	33.0



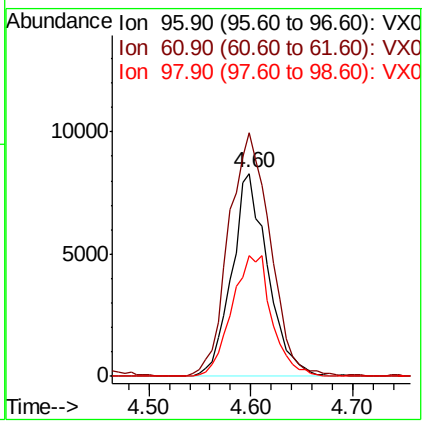


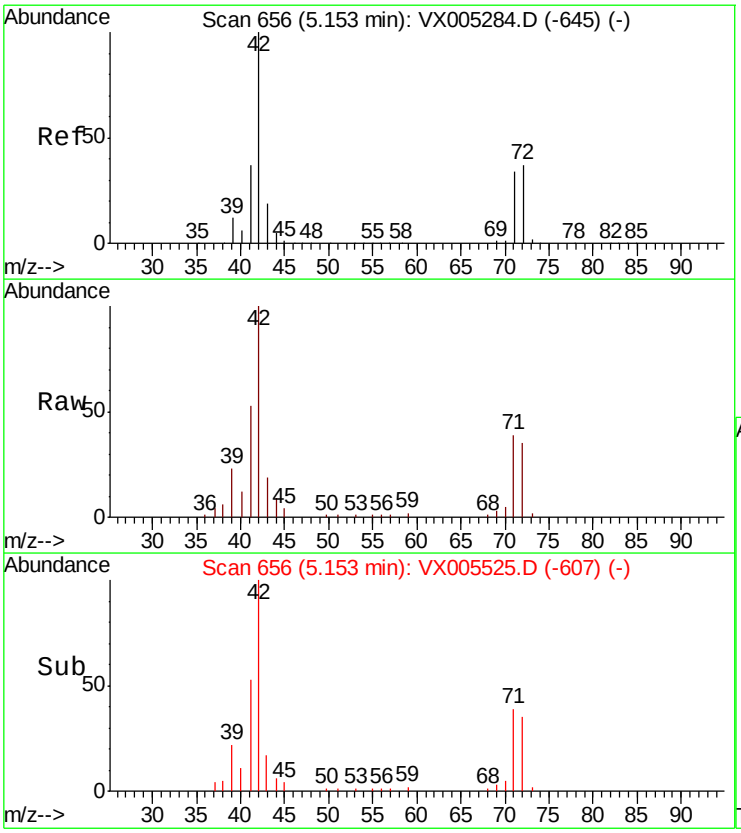
#27
cis-1,2-Dichloroethene
Concen: 8.146 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 20329

Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	282.6
98	65.9	0.0	130.2

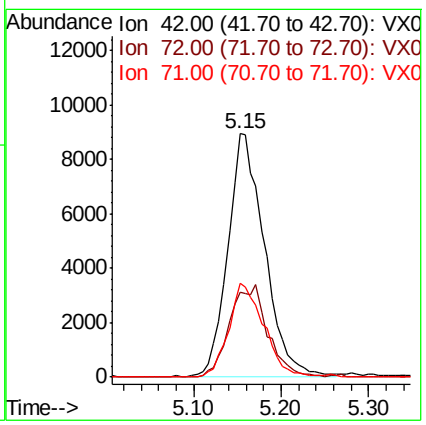


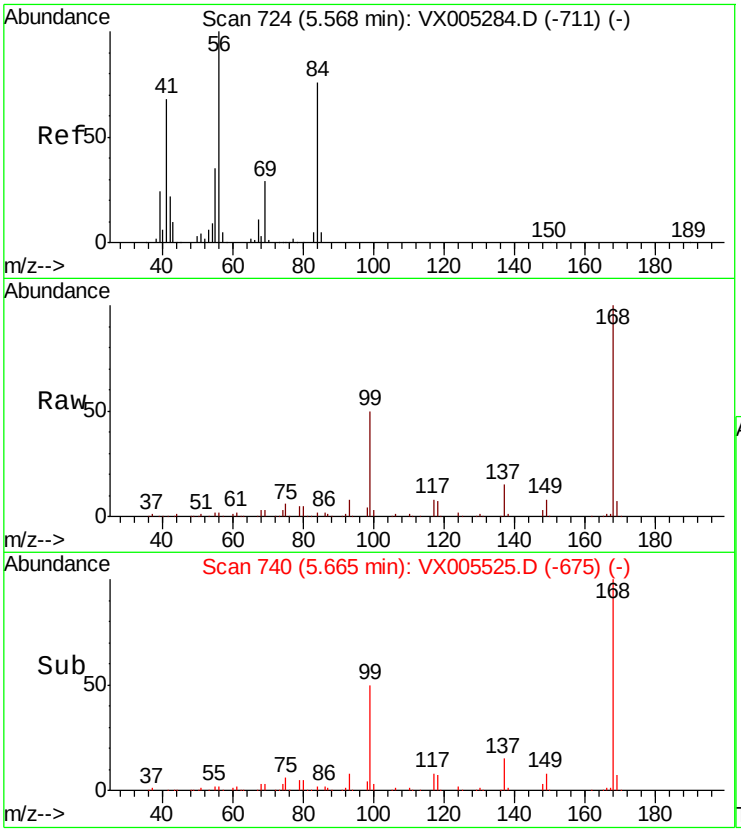


#29
Tetrahydrofuran
Concen: 18.412 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 42 Resp: 26087

Ion	Ratio	Lower	Upper
42	100		
72	39.1	37.4	56.0
71	37.2	34.5	51.7



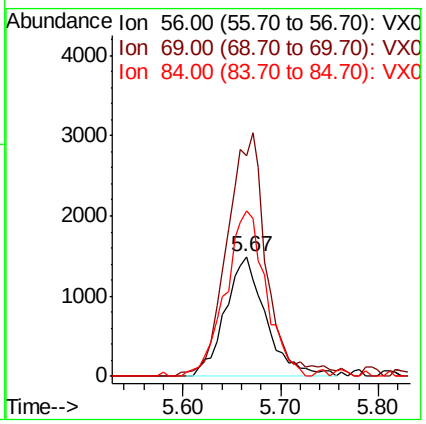


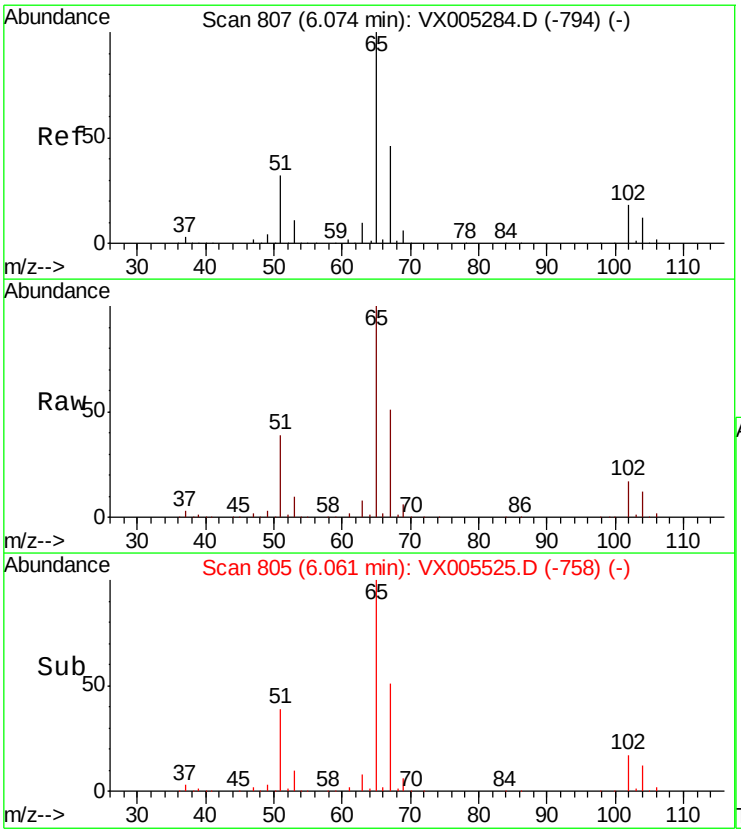
#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.10 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4315

Ion	Ratio	Lower	Upper
56	100		
69	180.0	25.4	38.2#
84	134.4	71.4	107.2#

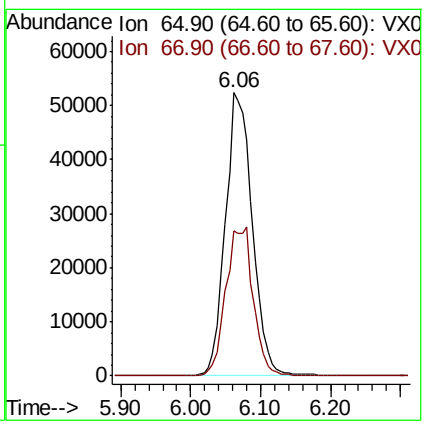


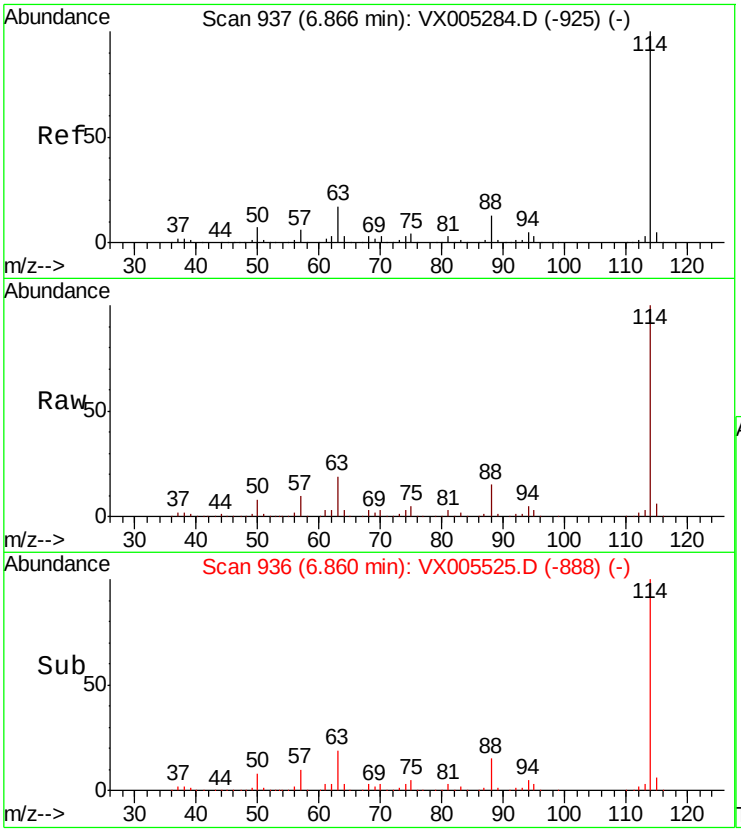


#33
1,2-Dichloroethane-d4
Concen: 53.433 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 65 Resp: 140302

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.8



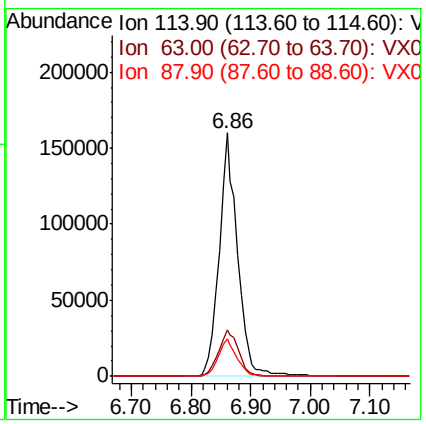


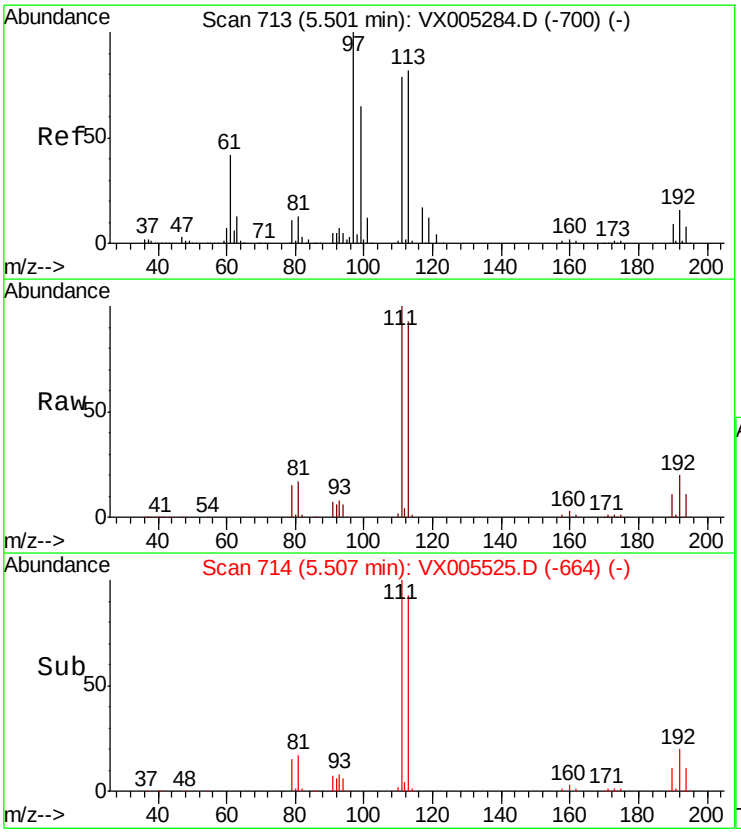
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 344078

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.0
88	15.2	0.0	30.4

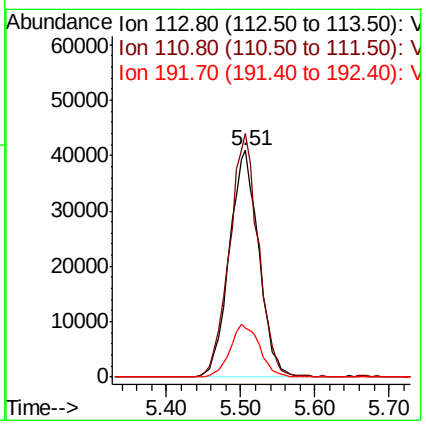


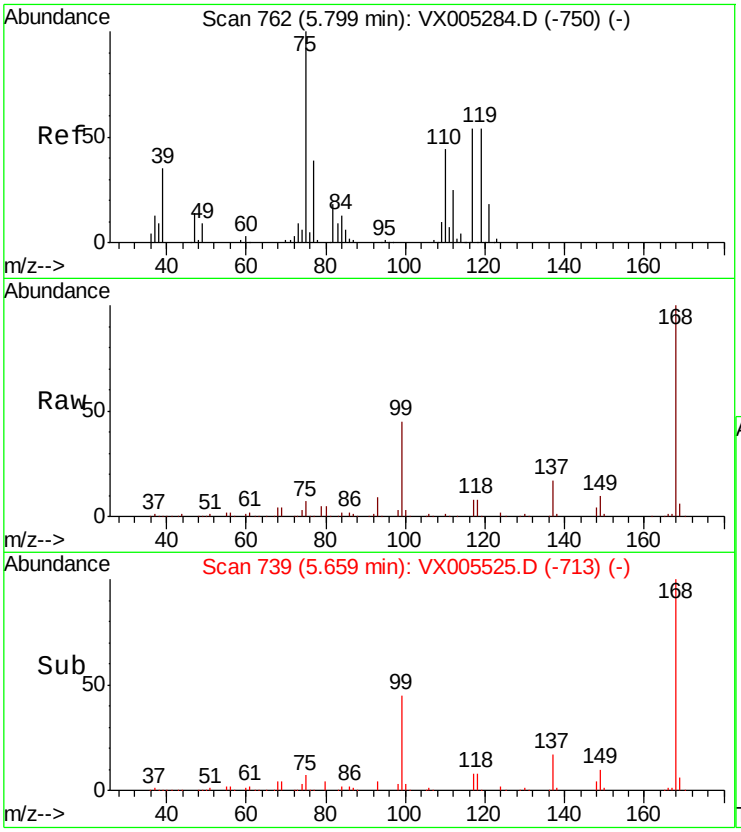


#35
Dibromofluoromethane
Concen: 50.004 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion:113 Resp: 113955

Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.4	123.6
192	23.3	19.4	29.2



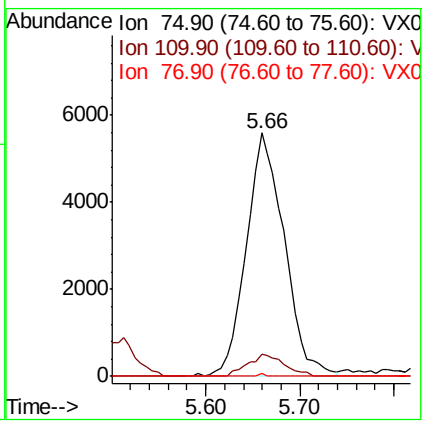


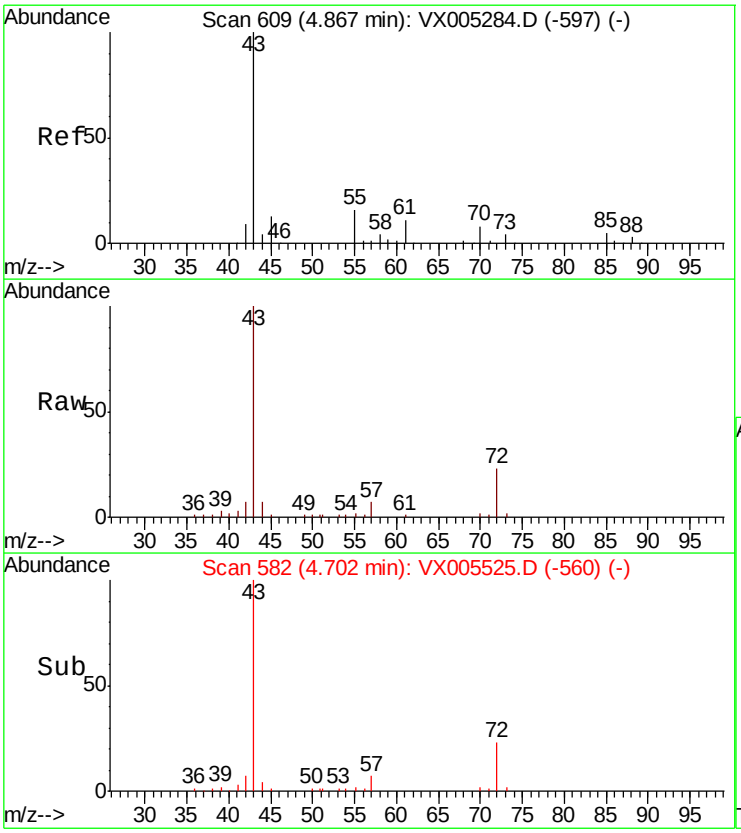
#36
1,1-Dichloropropene
Concen: 4.751 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 15832

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.0	54.0#
77	0.2	24.6	36.8#

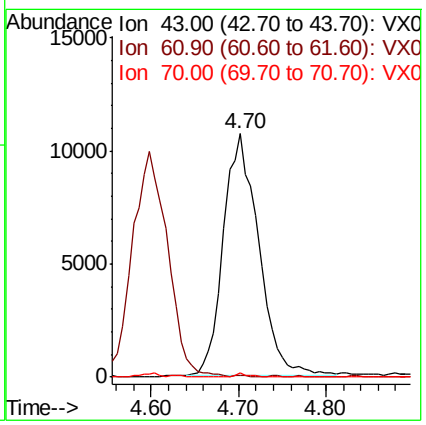


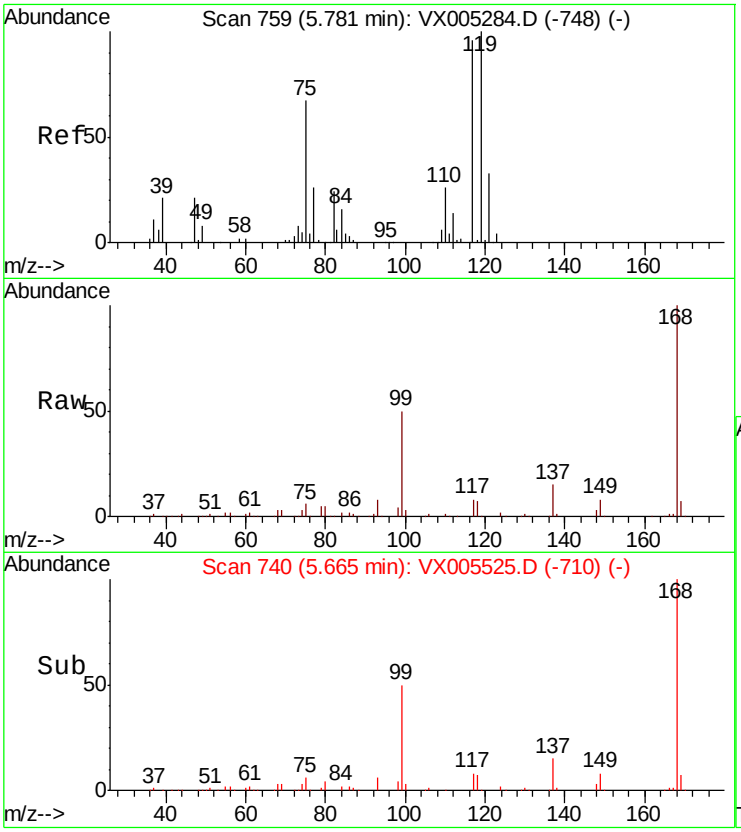


#37
Ethyl Acetate
Concen: 7.019 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 43 Resp: 30079

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.6	9.0	13.6#



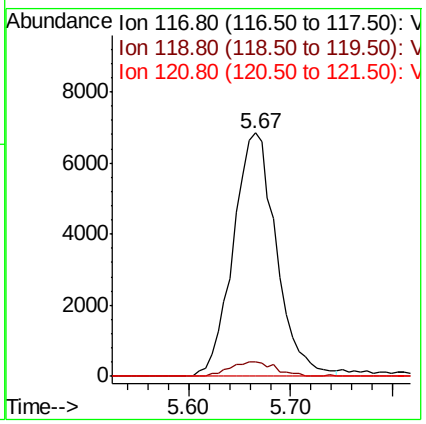


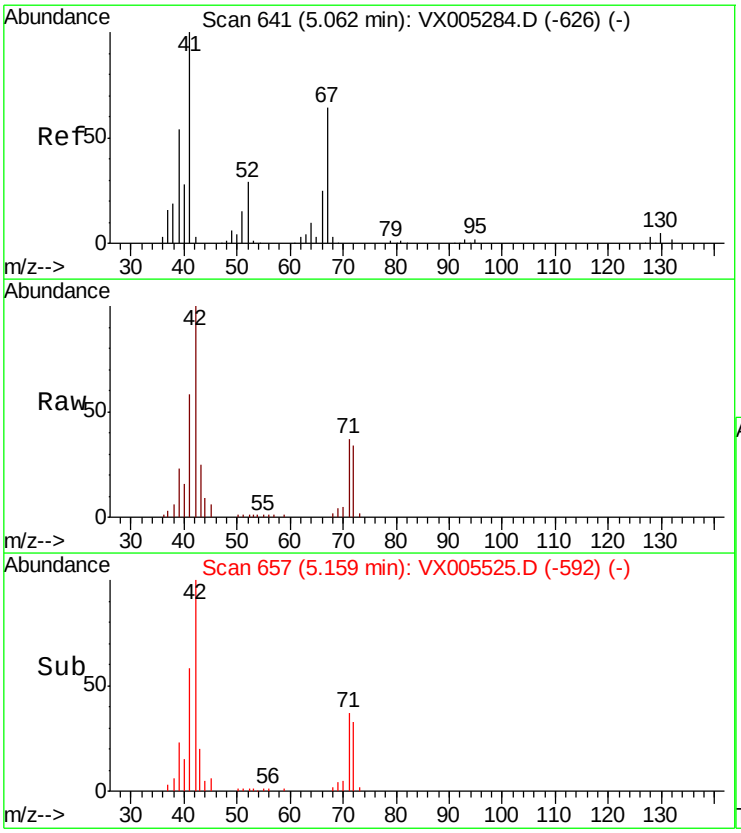
#38
Carbon Tetrachloride
Concen: 5.999 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 20087

Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.8	118.2#
121	0.0	24.9	37.3#

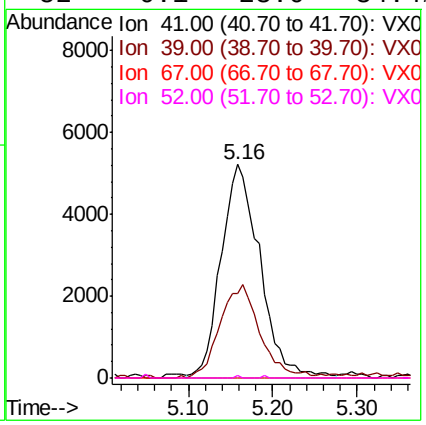


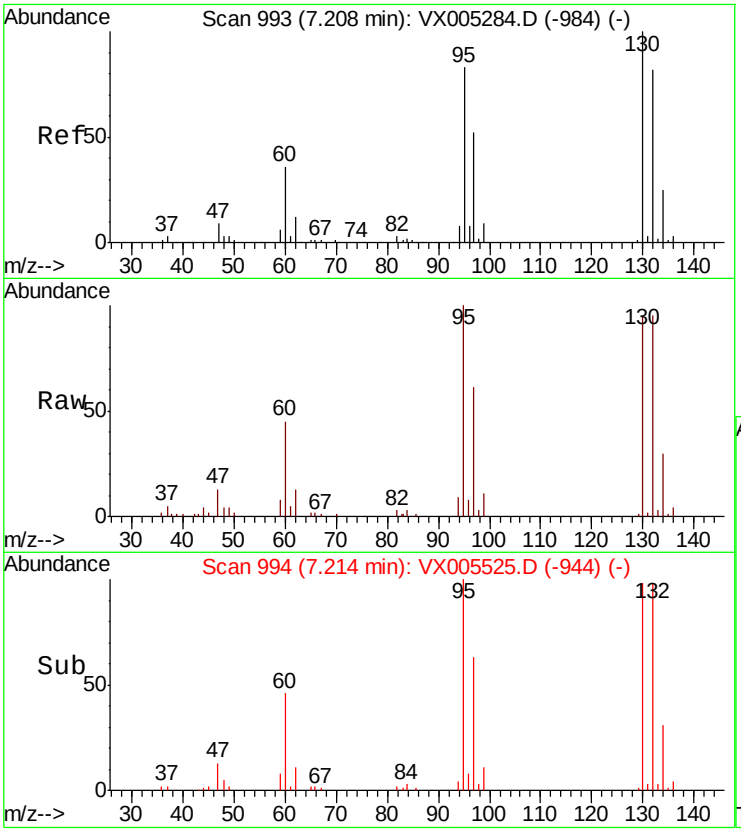


#41
Methacrylonitrile
Concen: 7.154 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.10 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 41 Resp: 16436

Ion	Ratio	Lower	Upper
41	100		
39	45.0	42.4	63.6
67	0.0	59.2	88.8#
52	0.1	23.0	34.4#

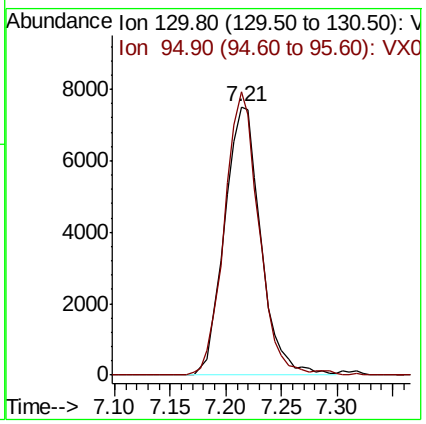




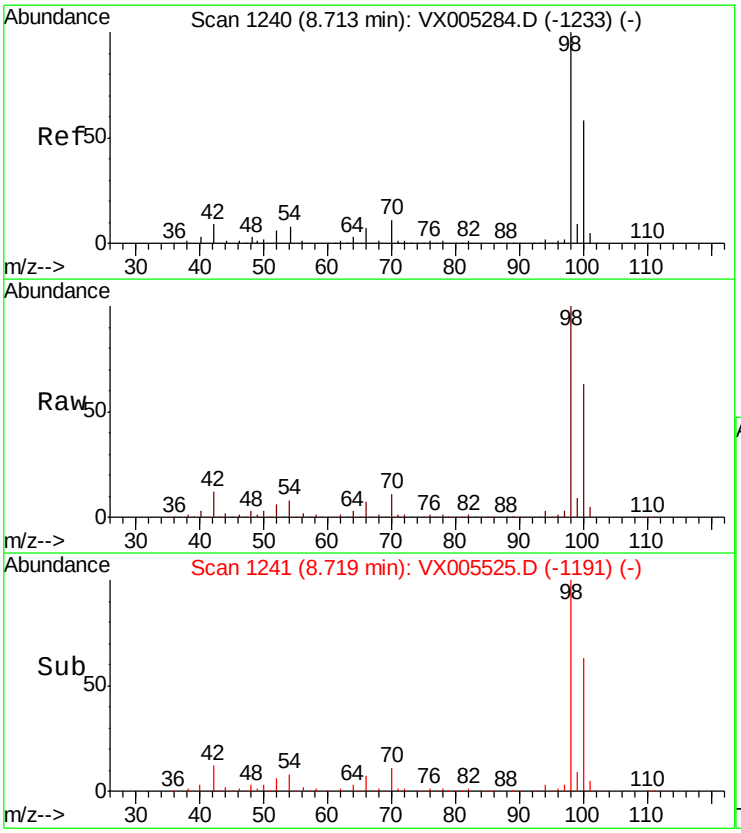
#44
Trichloroethene
Concen: 6.095 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion:130 Resp: 16951

Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	181.6



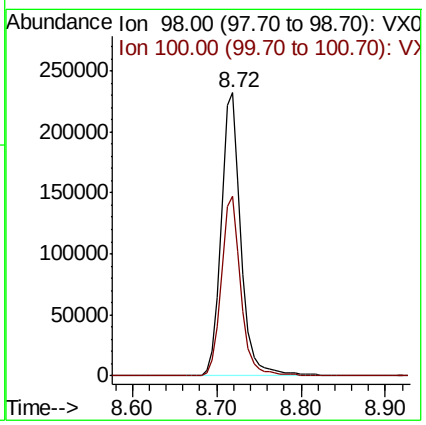
Instrument :
MSVOA_X
ClientSampleId :

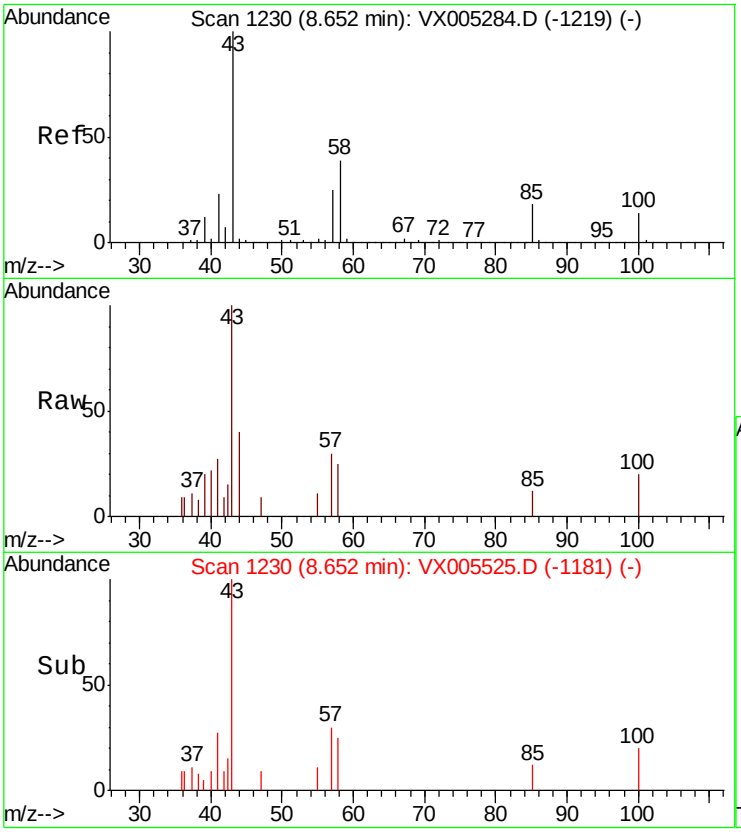


#50
Toluene-d8
Concen: 47.779 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 98 Resp: 373809

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.9	79.3



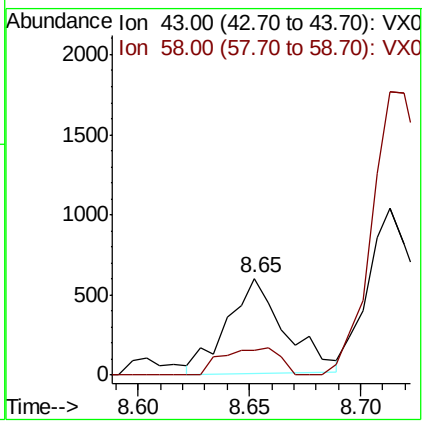


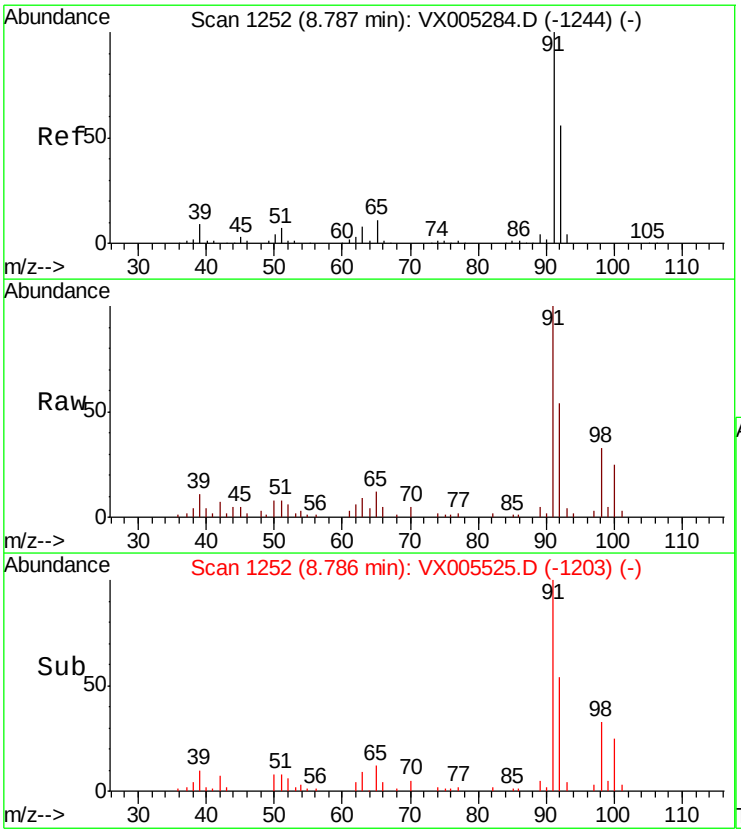
#51
4-Methyl-2-Pentanone
Concen: 0.267 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1055

Ion	Ratio	Lower	Upper
43	100		
58	28.5	33.1	49.7#

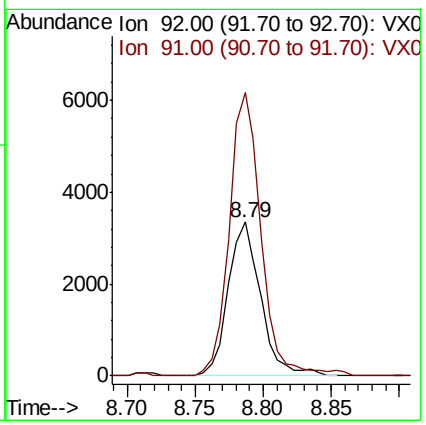


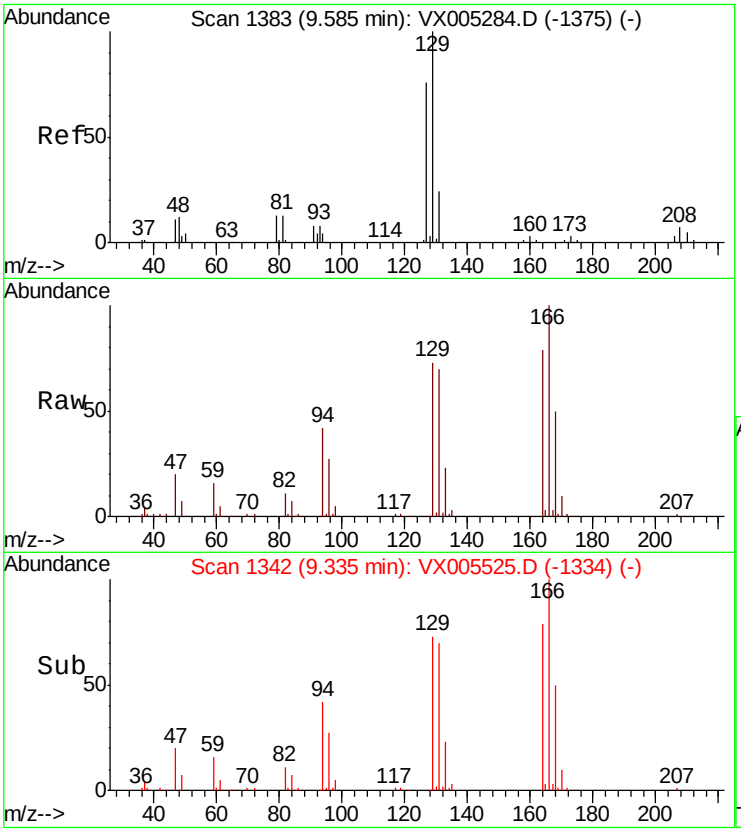


#52
Toluene
Concen: 1.018 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 92 Resp: 5570

Ion	Ratio	Lower	Upper
92	100		
91	179.6	136.4	204.6



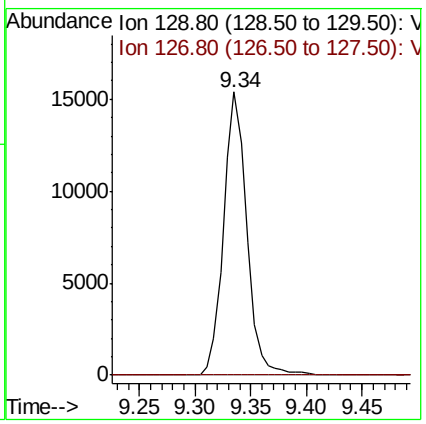


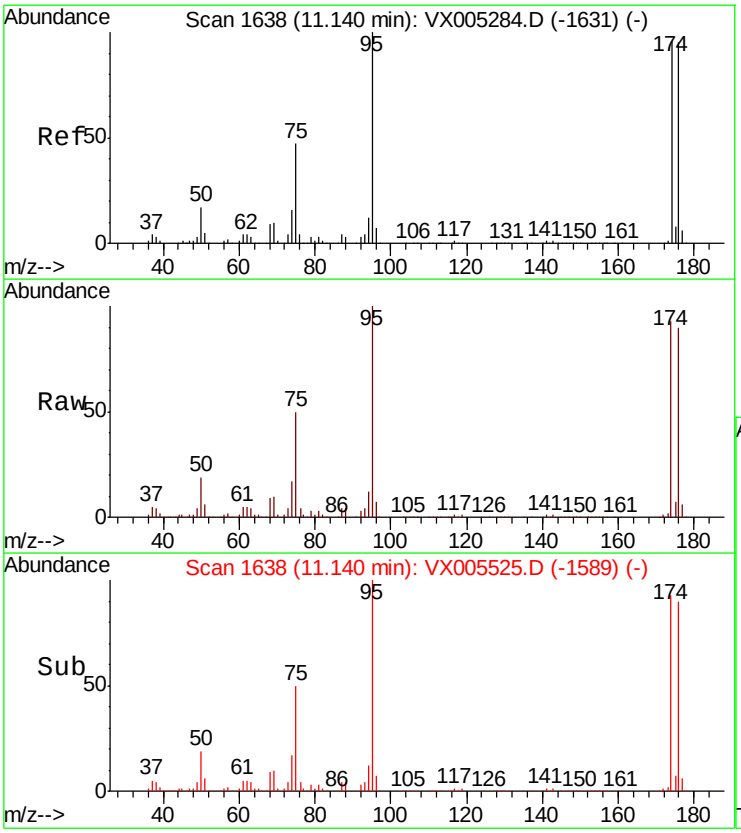
#60
Dibromochloromethane
Concen: 9.264 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 22182

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#

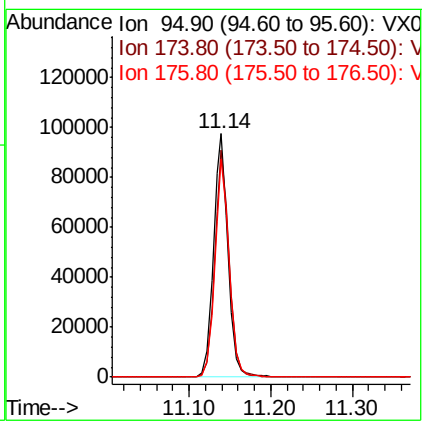


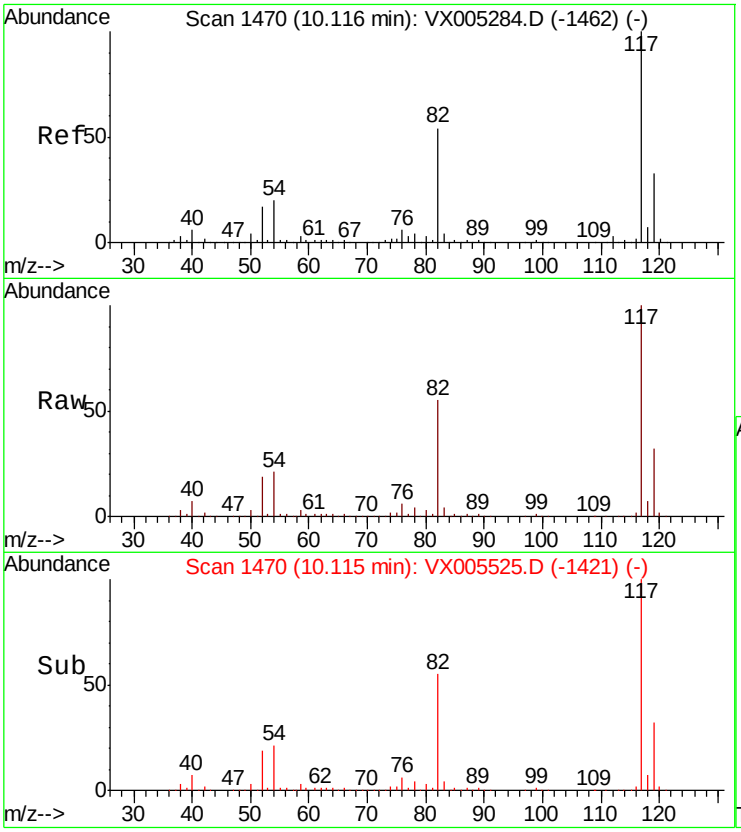


#62
4-Bromofluorobenzene
Concen: 41.737 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 95 Resp: 122669

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	185.2
176	89.0	0.0	178.6



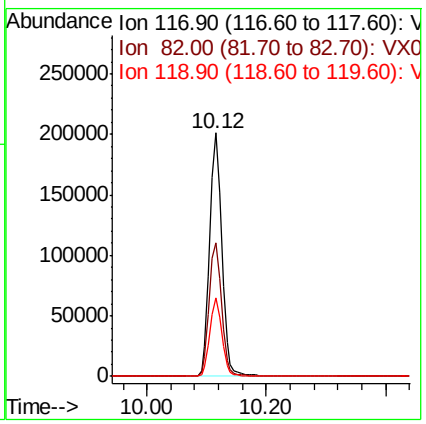


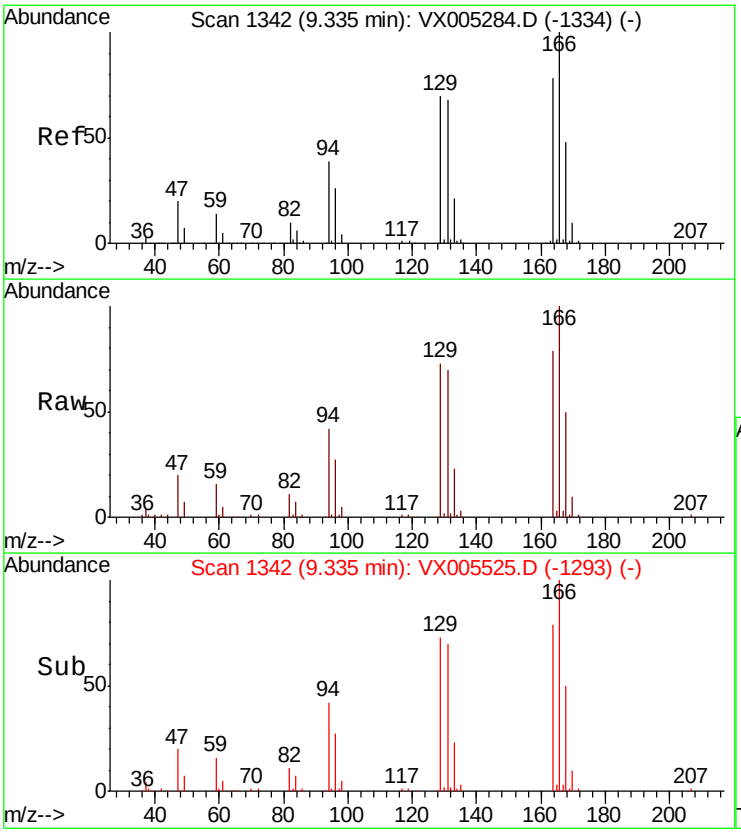
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 278742

Ion	Ratio	Lower	Upper
117	100		
82	54.7	47.8	71.6
119	32.4	29.3	43.9

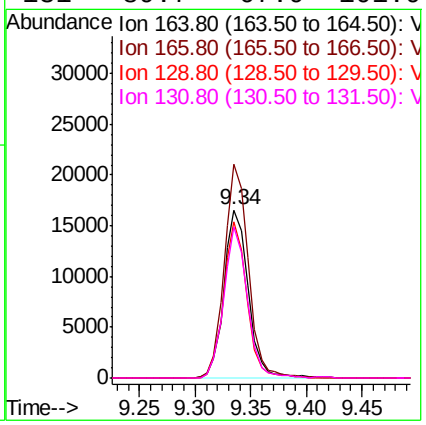


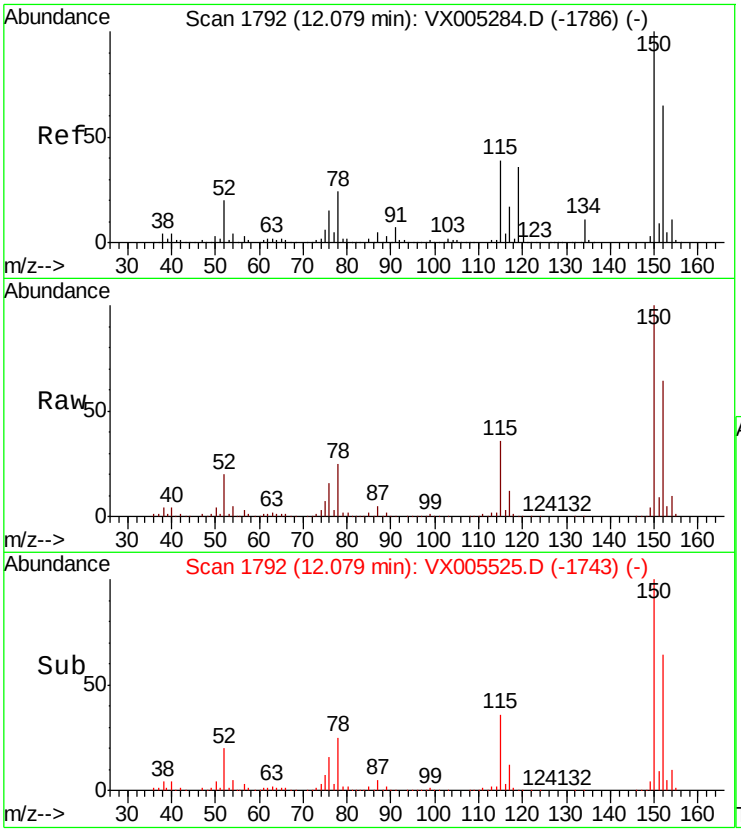


#64
Tetrachloroethene
Concen: 11.100 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion:164 Resp: 24909

Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.8	154.2
129	93.0	69.4	104.0
131	89.7	67.9	101.9



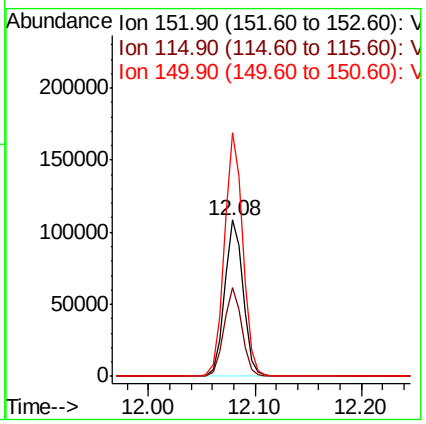


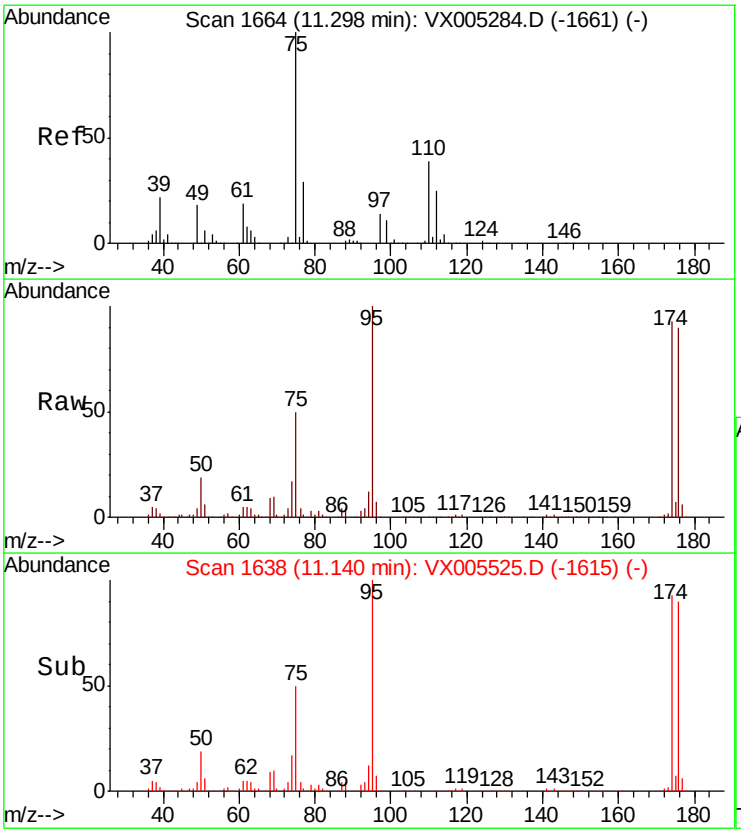
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 131893

Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.0	117.0
150	155.3	0.0	351.0

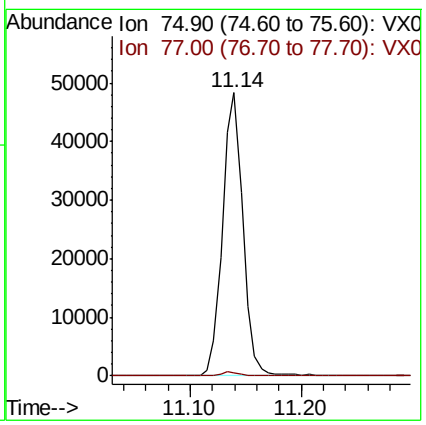


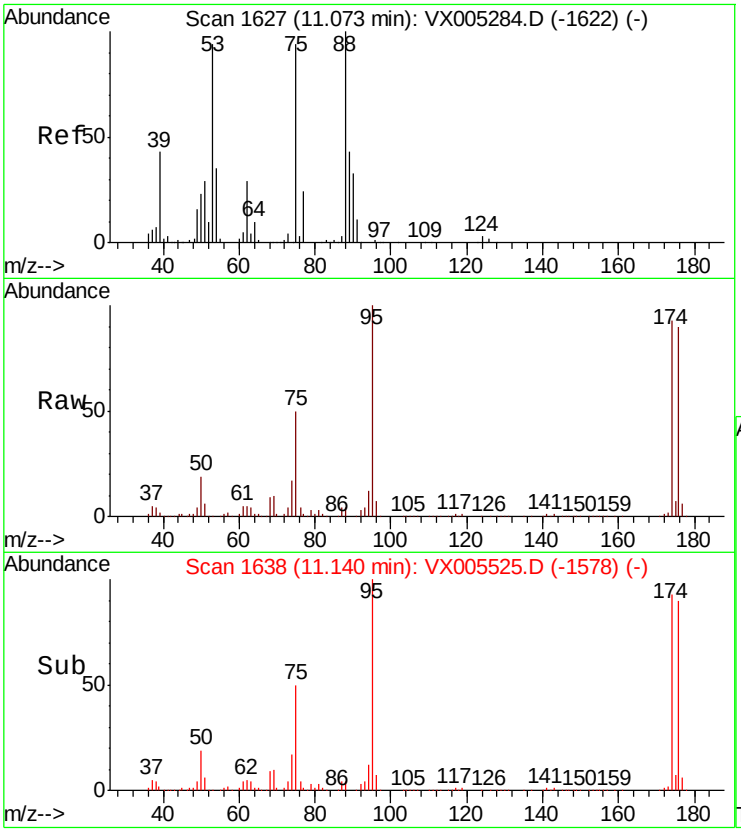


#76
1,2,3-Trichloropropane
Concen: 23.944 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Tgt Ion: 75 Resp: 61256

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.2	60.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.752 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005525.D
Acq: 23 Oct 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61256

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