Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
Data File : VW005065.D
Acq On : 01 Sep 2018 05:17
Operator : SY/AP
Sample : J4275-19
Misc : 4.92G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CL-02-082918-A

Quant Time: Sep 04 11:06:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	236321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	339095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	98920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	78952	40.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.60%			
35) Dibromofluoromethane	7.89	113	81307	41.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.98%			
50) Toluene-d8	10.33	98	290950	32.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.44%			
62) 4-Bromofluorobenzene	12.63	95	79950	25.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 50.22%			
Target Compounds						Qvalue
10) Methyl Iodide	4.29	142	1665	4.31	ug/l #	95
16) Acetone	4.13	43	89593	228.05	ug/l	99
17) Carbon Disulfide	4.38	76	13915	2.09	ug/l	95
25) 2-Butanone	7.18	43	19955	29.28	ug/l	94
40) Benzene	8.33	78	15908	1.61	ug/l	98
52) Toluene	10.40	92	10256	1.53	ug/l	95
68) m/p-Xylenes	11.84	106	17026	3.82	ug/l	99
69) o-Xylene	12.17	106	9470	2.30	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	20865	3.40	ug/l	99
93) 1,2,4-Trichlorobenzene	15.15	180	5637	2.73	ug/l #	89
94) Hexachlorobutadiene	15.24	225	2111	1.65	ug/l	94
95) Naphthalene	15.38	128	59723	19.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	5460	3.09	ug/l	90

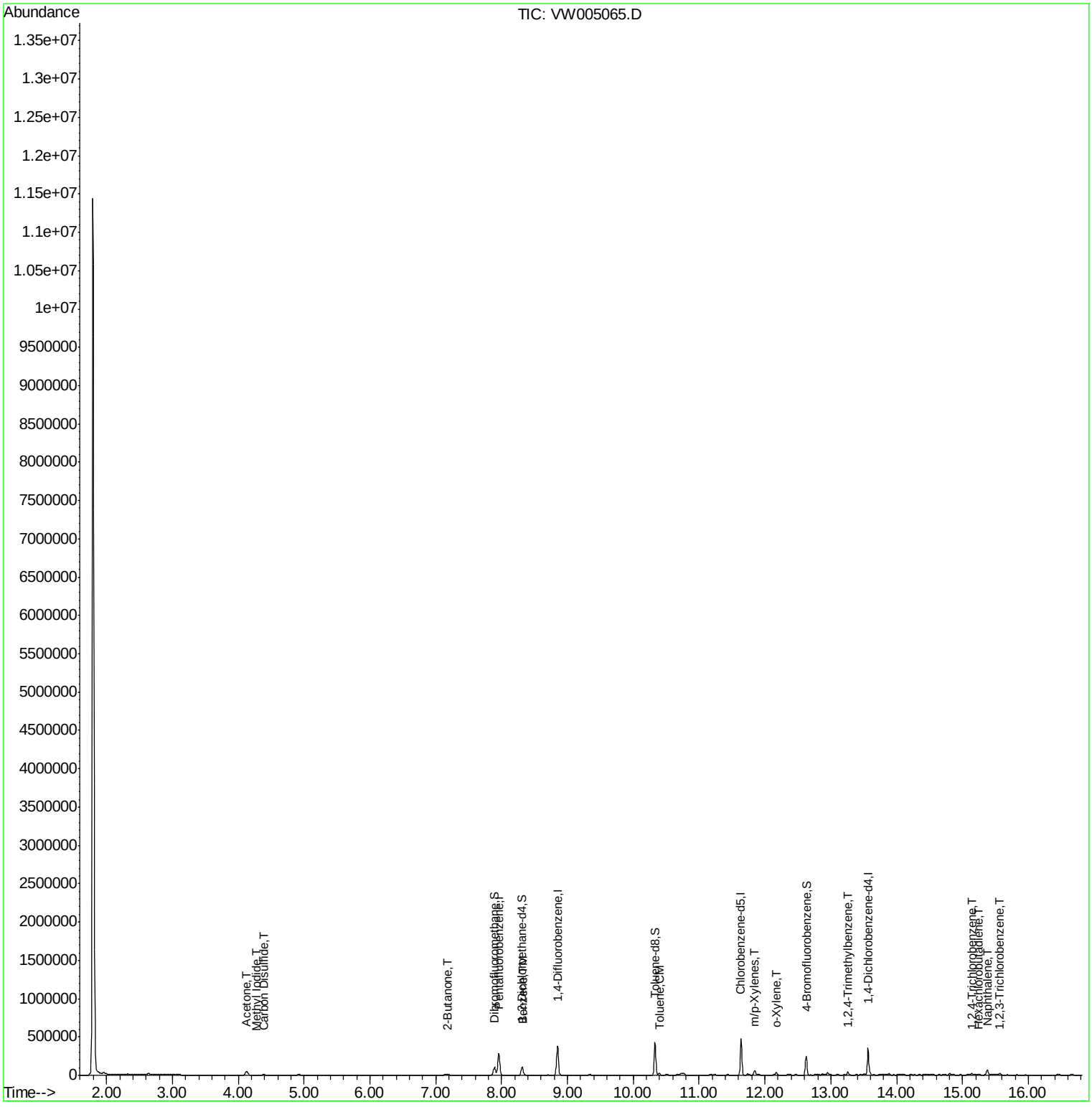
(#) = qualifier out of range (m) = manual integration (+) = signals summed

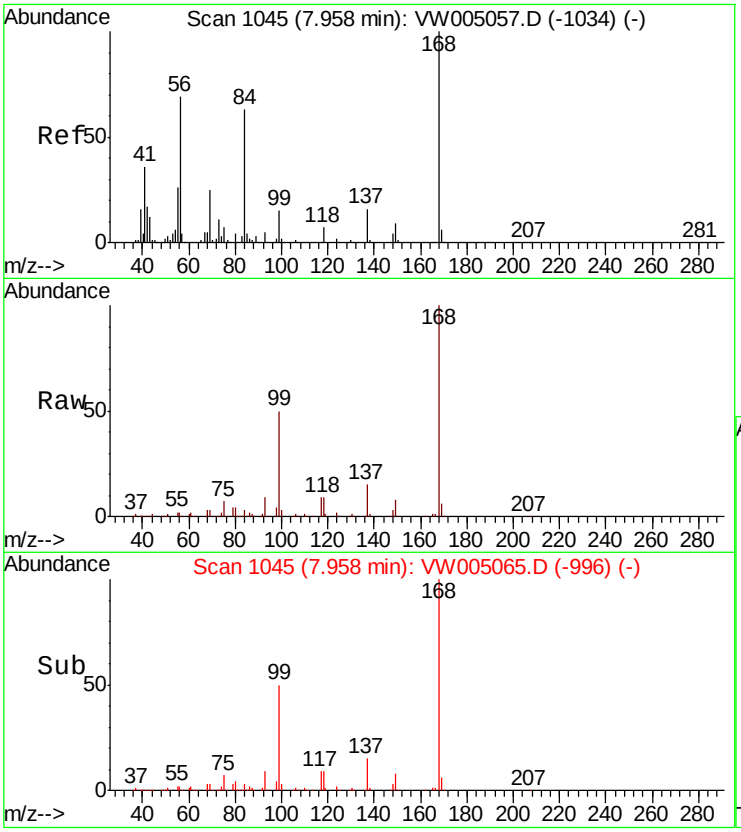
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
Data File : VW005065.D
Acq On : 01 Sep 2018 05:17
Operator : SY/AP
Sample : J4275-19
Misc : 4.92G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CL-02-082918-A

Quant Time: Sep 04 11:06:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration



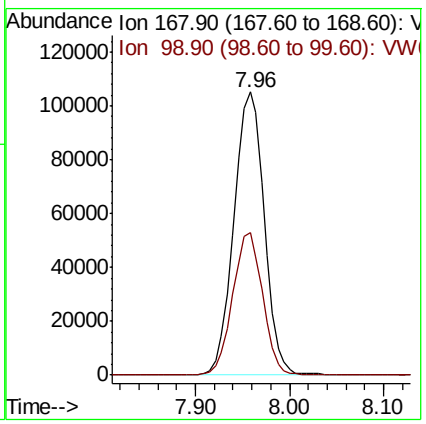


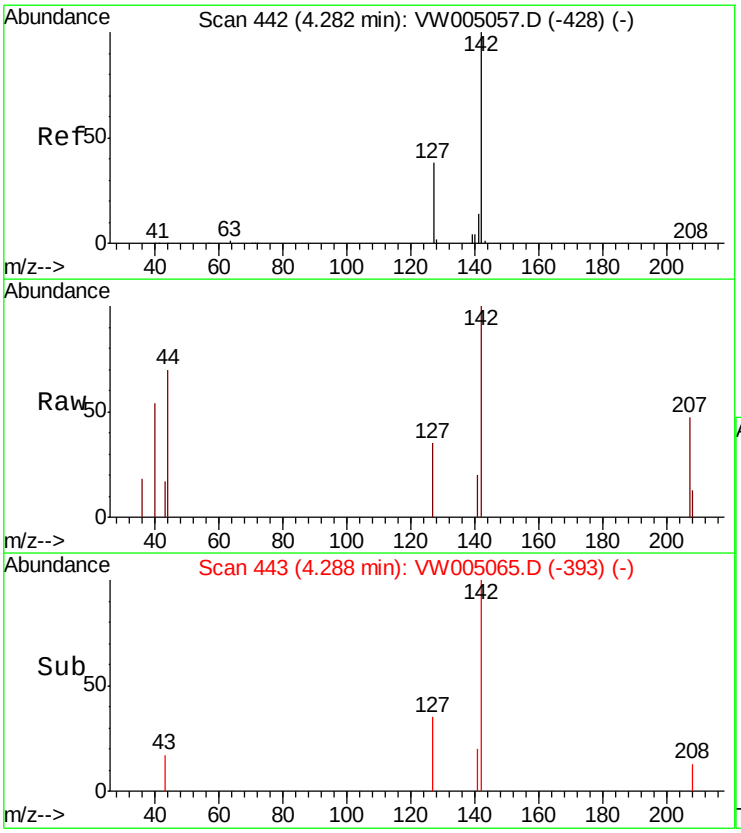
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Instrument :
MSVOA_W
ClientSampleId :
CL-02-082918-A

Tgt Ion:168 Resp: 236321

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.4	59.0

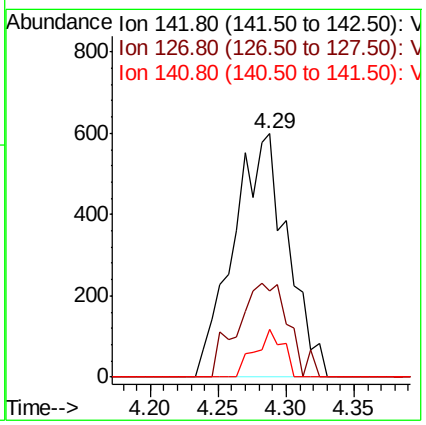


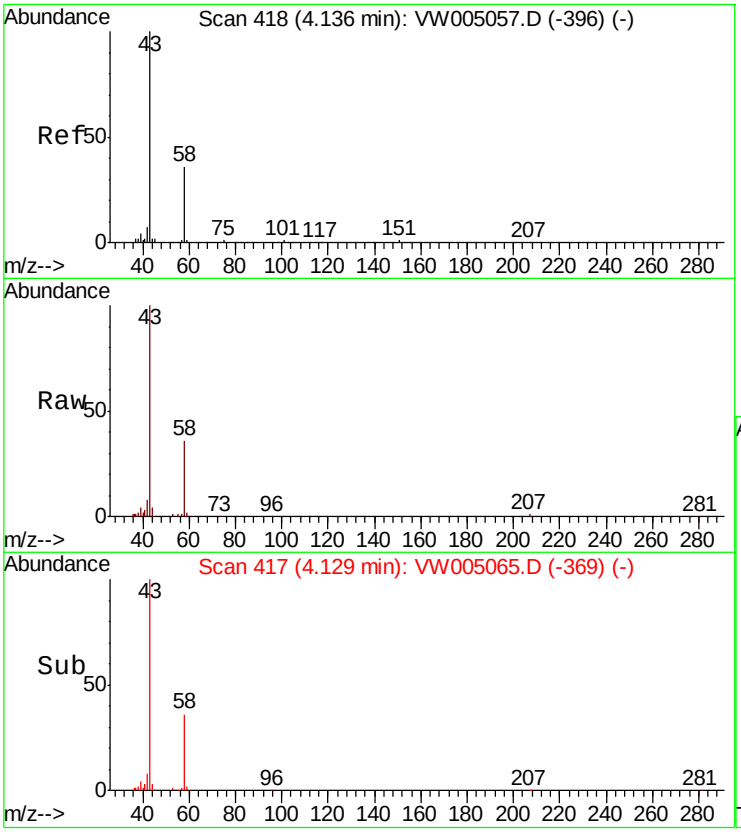


#10
Methyl Iodide
Concen: 4.31 ug/l
RT: 4.29 min Scan# 443
Delta R.T. 0.01 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Tgt Ion:142 Resp: 1665

Ion	Ratio	Lower	Upper
142	100		
127	36.6	30.8	46.2
141	10.3	11.6	17.4#



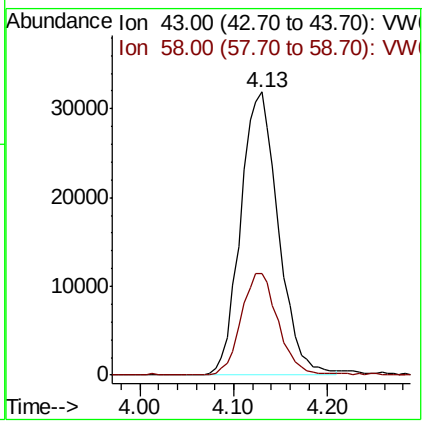


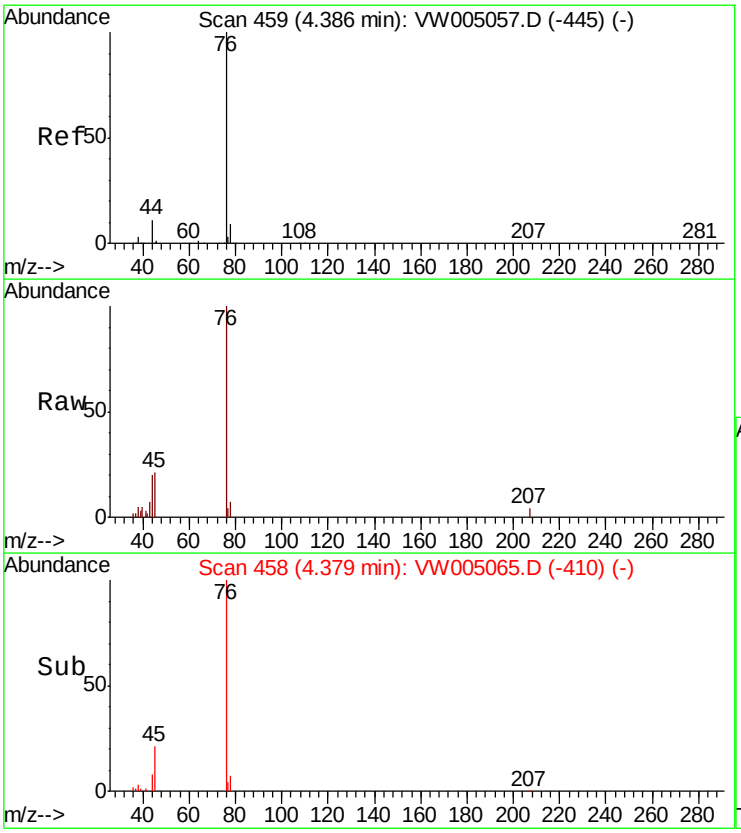
#16
Acetone
Concen: 228.05 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Instrument : MSVOA_W
ClientSampleId : CL-02-082918-A

Tgt Ion: 43 Resp: 89593

Ion	Ratio	Lower	Upper
43	100		
58	35.8	29.0	43.6

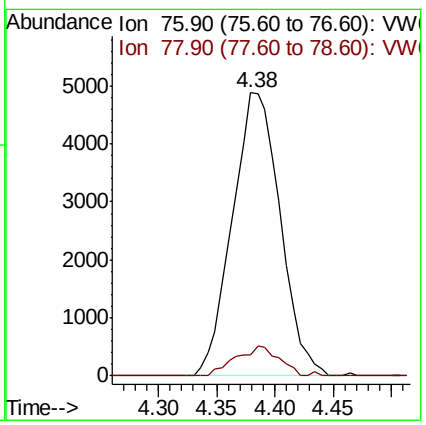


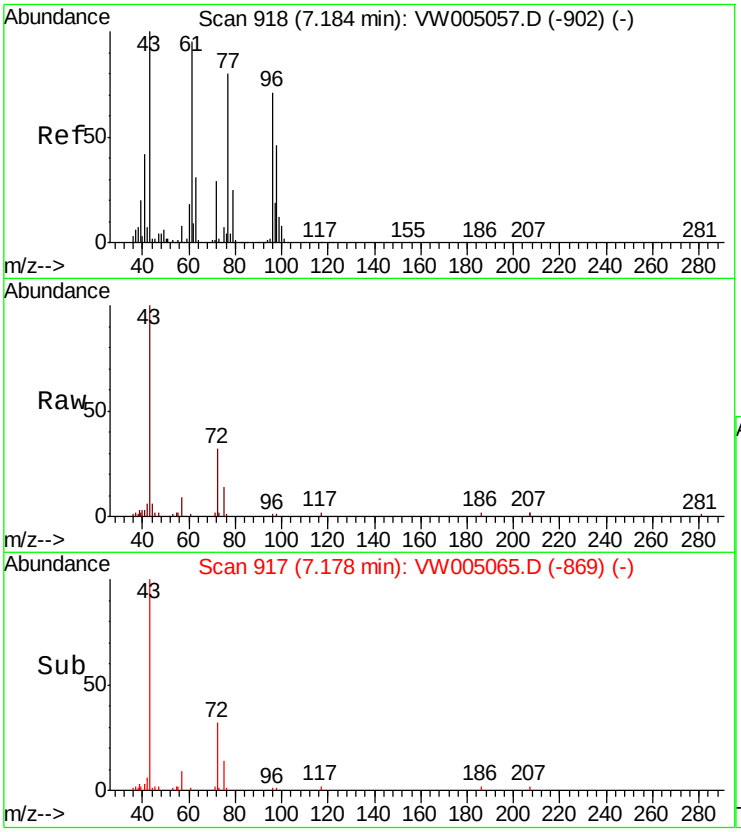


#17
Carbon Disulfide
Concen: 2.09 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Tgt Ion: 76 Resp: 13915

Ion	Ratio	Lower	Upper
76	100		
78	7.4	7.3	10.9



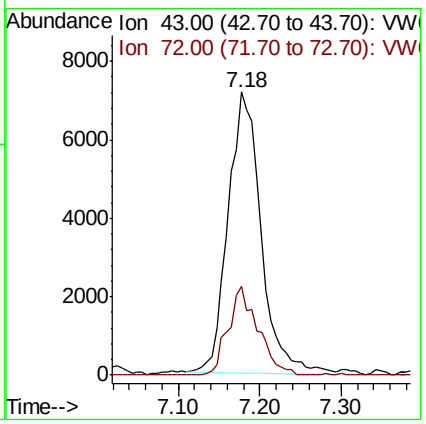


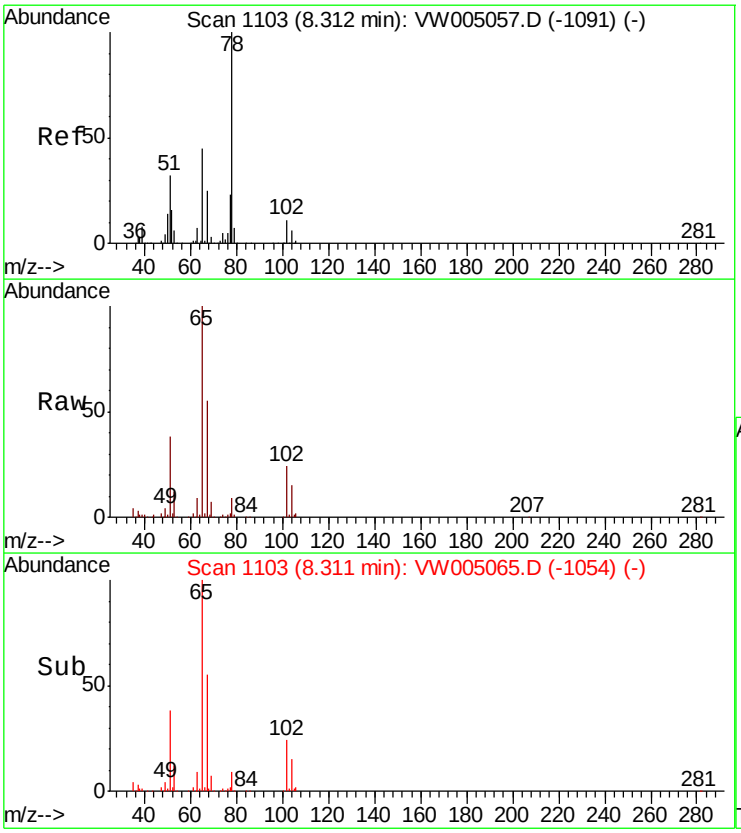
#25
2-Butanone
Concen: 29.28 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Instrument :
MSVOA_W
ClientSampleId :
CL-02-082918-A

Tgt Ion: 43 Resp: 19955

Ion	Ratio	Lower	Upper
43	100		
72	32.0	23.1	34.7

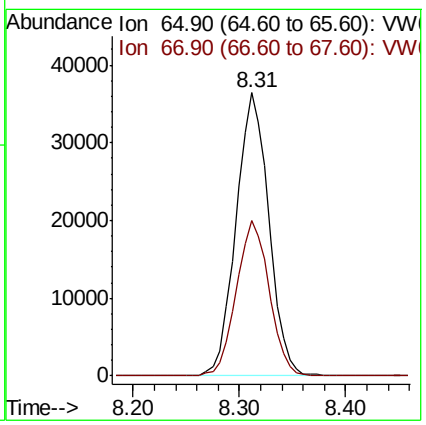


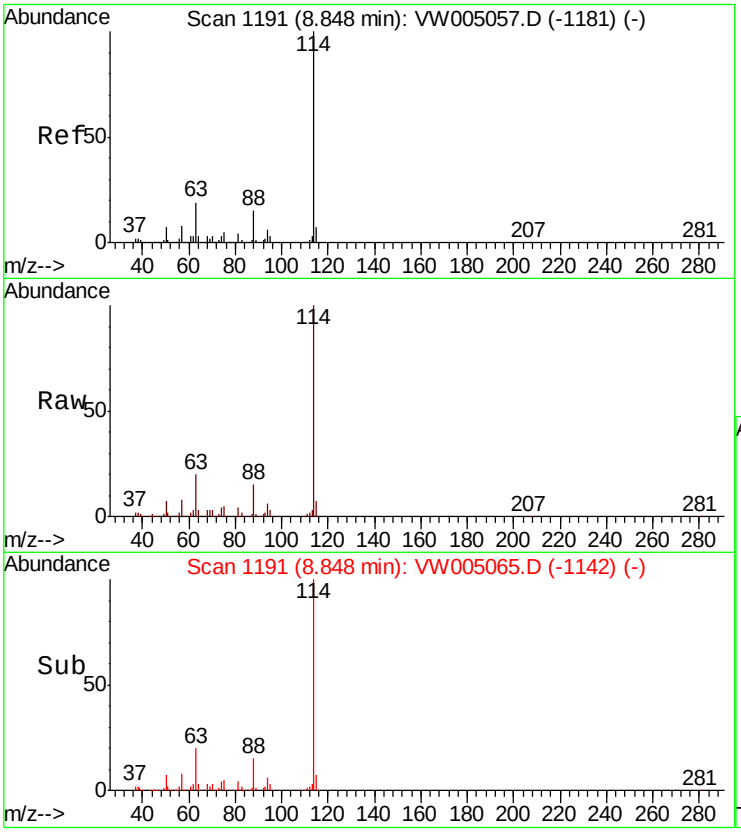


#33
1,2-Dichloroethane-d4
Concen: 40.30 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Tgt Ion: 65 Resp: 78952

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	109.4



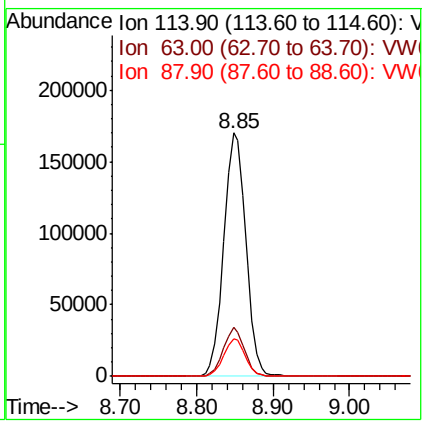


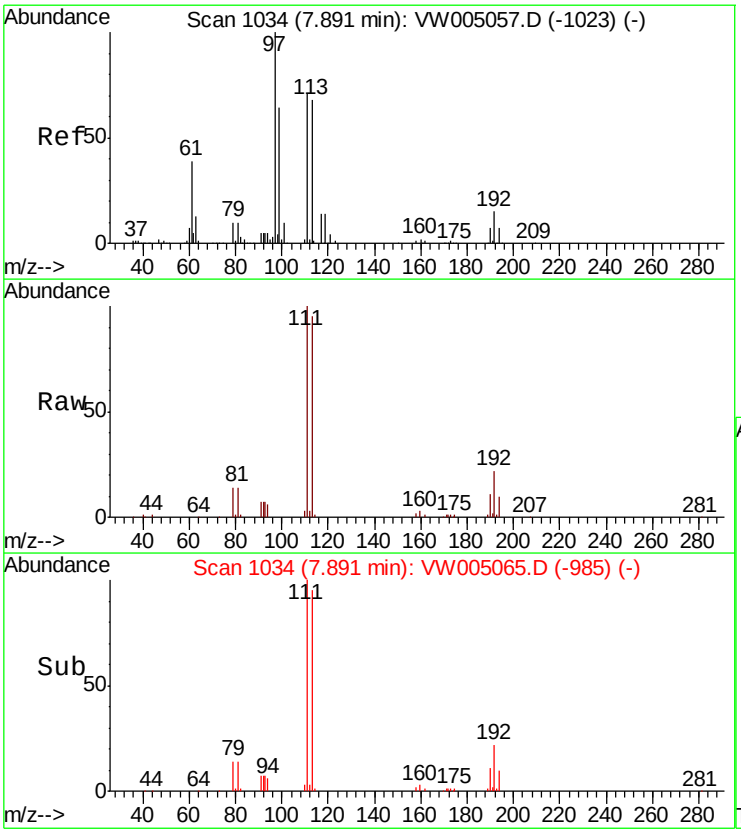
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Instrument :
MSVOA_W
ClientSampleId :
CL-02-082918-A

Tgt Ion:114 Resp: 339095

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.0
88	15.4	0.0	30.2

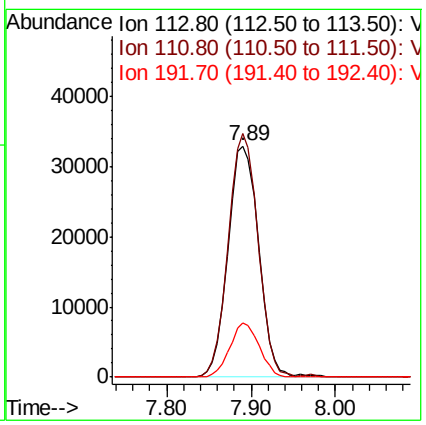


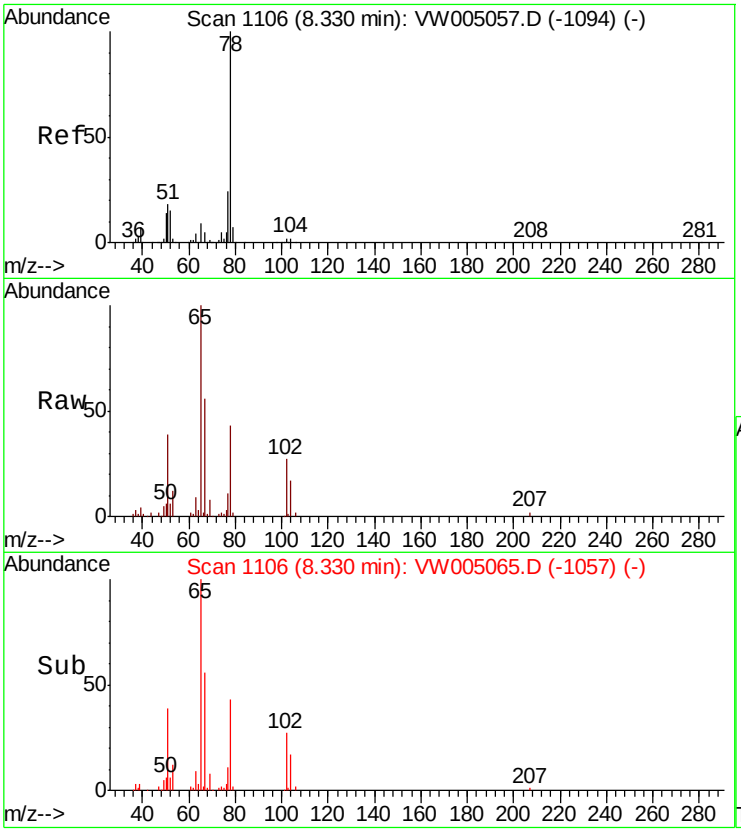


#35
Dibromofluoromethane
Concen: 41.49 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Tgt Ion:113 Resp: 81307

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.2
192	22.3	18.1	27.1



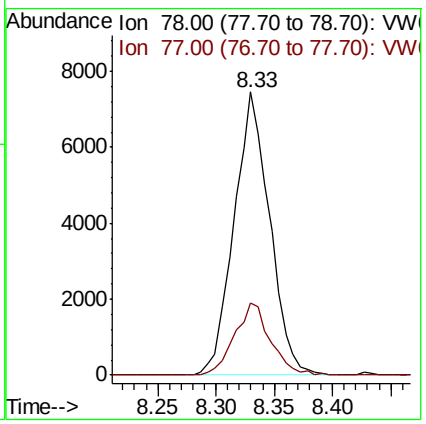


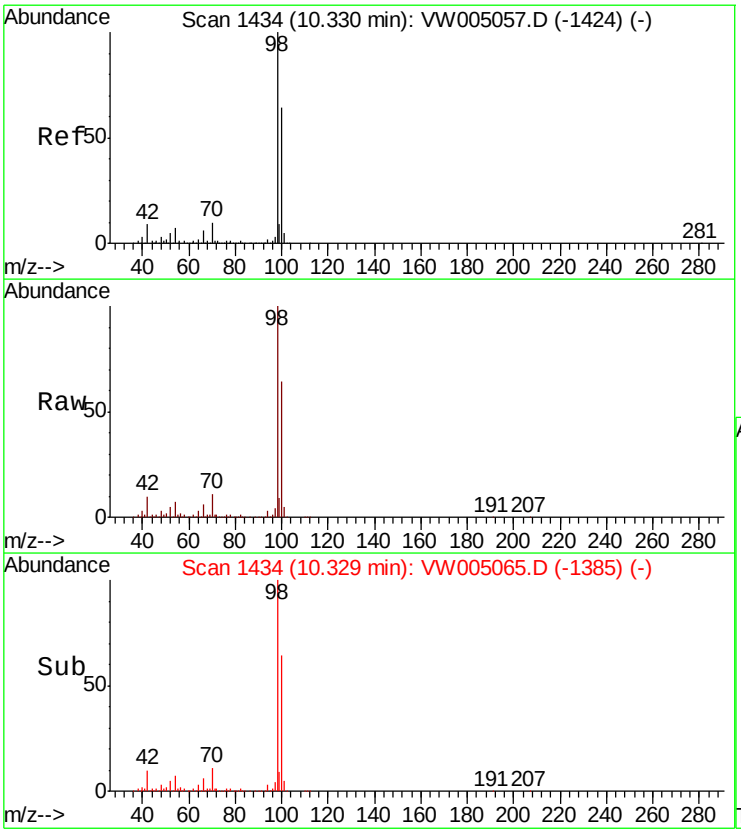
#40
Benzene
Concen: 1.61 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Instrument :
MSVOA_W
ClientSampleId :
CL-02-082918-A

Tgt Ion: 78 Resp: 15908

Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.4	29.0

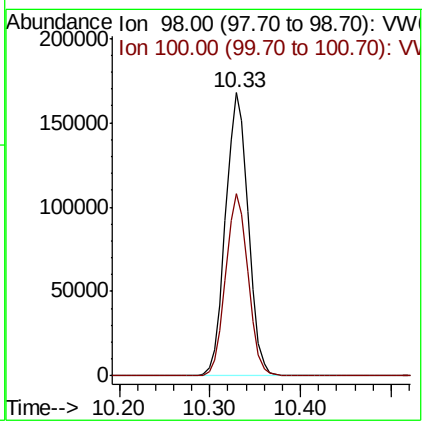


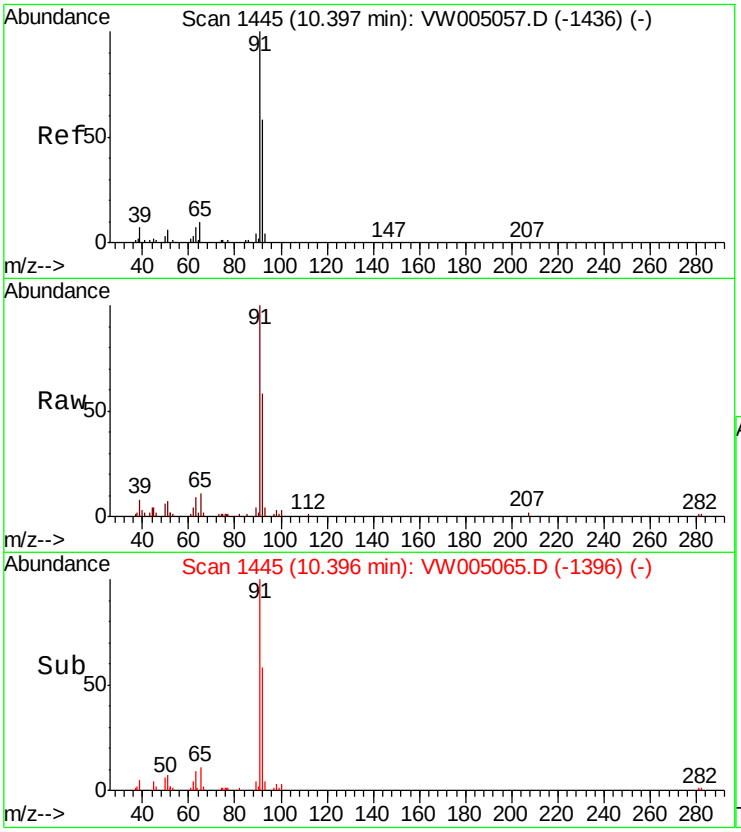


#50
Toluene-d8
Concen: 32.22 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Tgt Ion: 98 Resp: 290950

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5



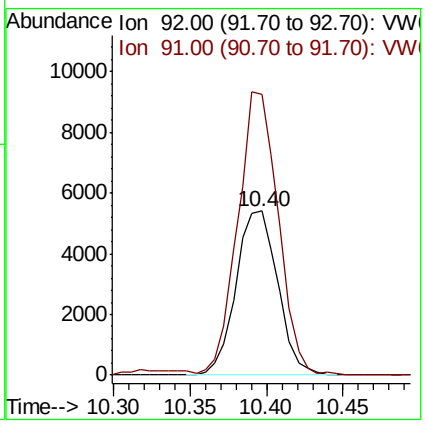


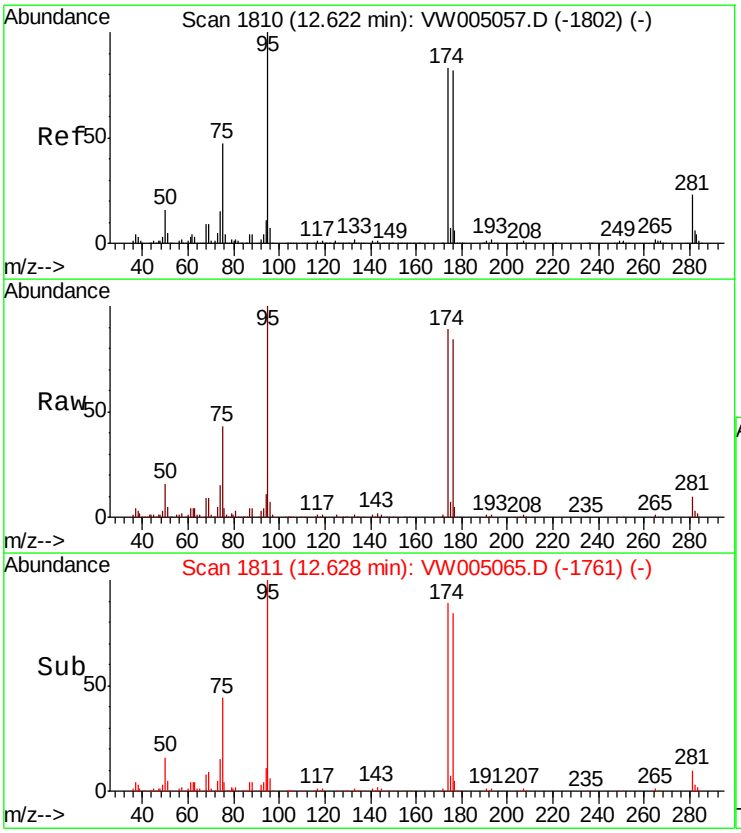
#52
Toluene
Concen: 1.53 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Instrument : MSVOA_W
ClientSampleId : CL-02-082918-A

Tgt Ion: 92 Resp: 10256

Ion	Ratio	Lower	Upper
92	100		
91	167.3	139.2	208.8

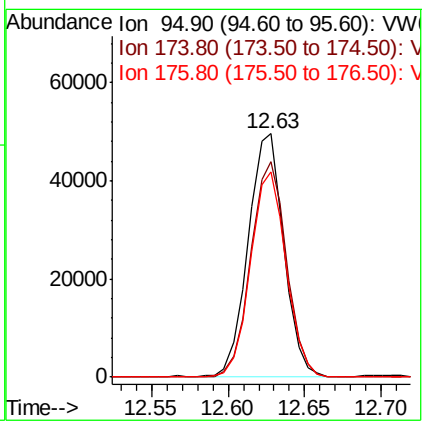


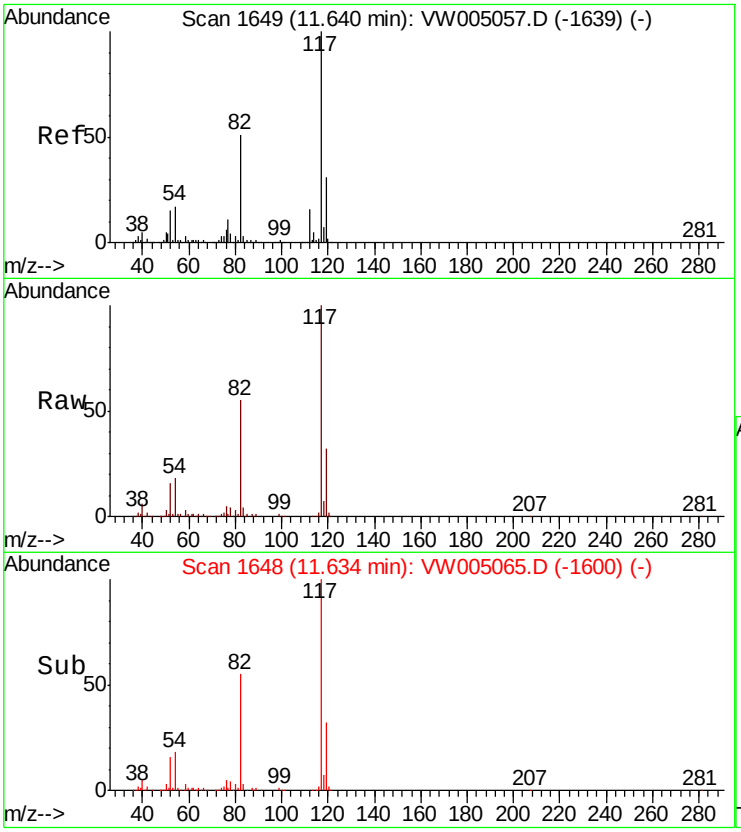


#62
4-Bromofluorobenzene
Concen: 25.11 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Tgt Ion: 95 Resp: 79950

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	173.4
176	84.6	0.0	167.4



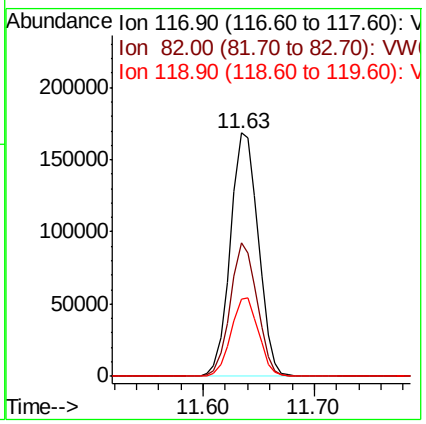


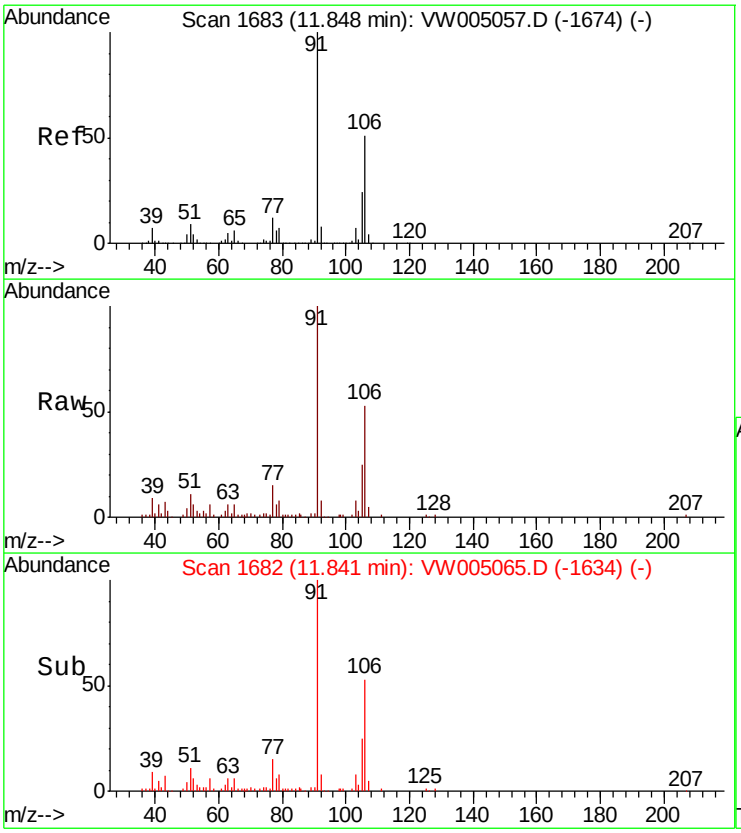
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Instrument : MSVOA_W
ClientSampleId : CL-02-082918-A

Tgt Ion:117 Resp: 292304

Ion	Ratio	Lower	Upper
117	100		
82	54.9	40.9	61.3
119	31.7	24.9	37.3

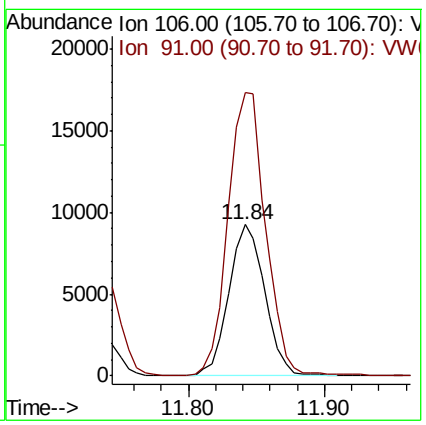


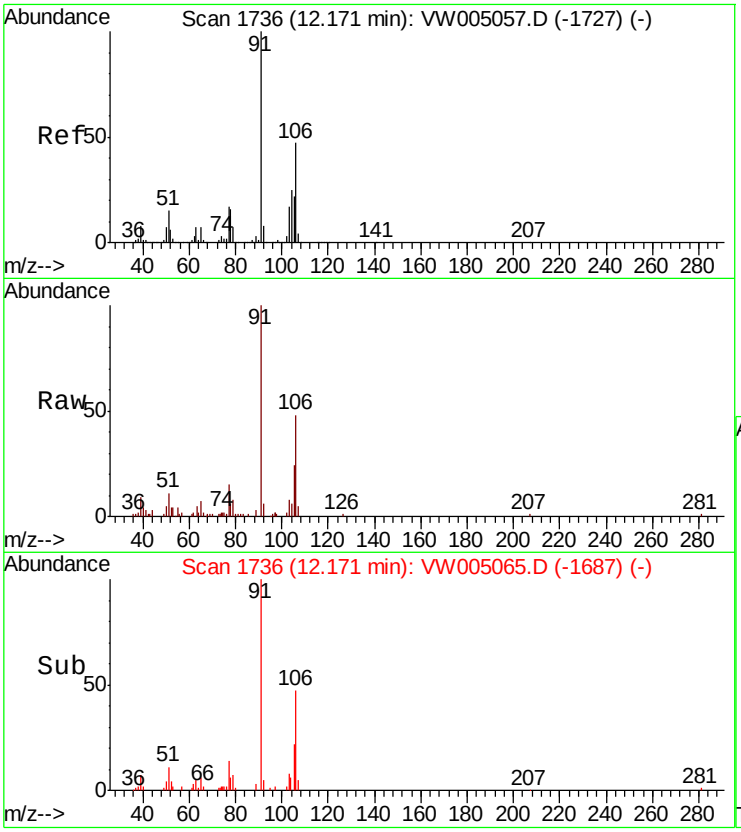


#68
m/p-Xylenes
Concen: 3.82 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Tgt Ion:106 Resp: 17026

Ion	Ratio	Lower	Upper
106	100		
91	195.9	158.4	237.6



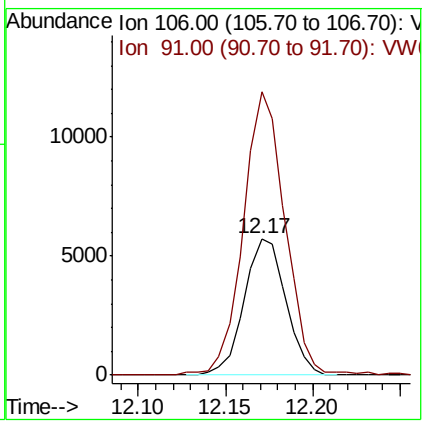


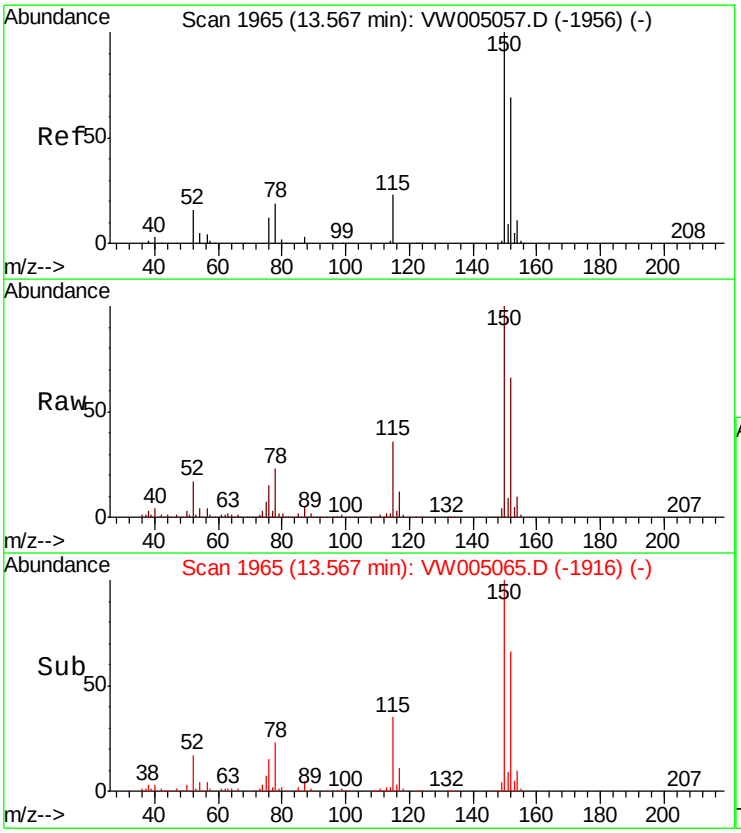
#69
o-Xylene
Concen: 2.30 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Instrument :
MSVOA_W
ClientSampleId :
CL-02-082918-A

Tgt Ion:106 Resp: 9470

Ion	Ratio	Lower	Upper
106	100		
91	209.0	105.6	316.8

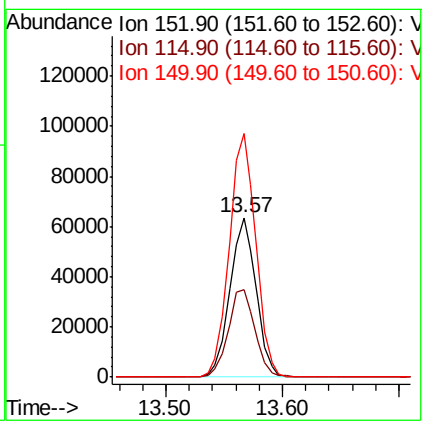


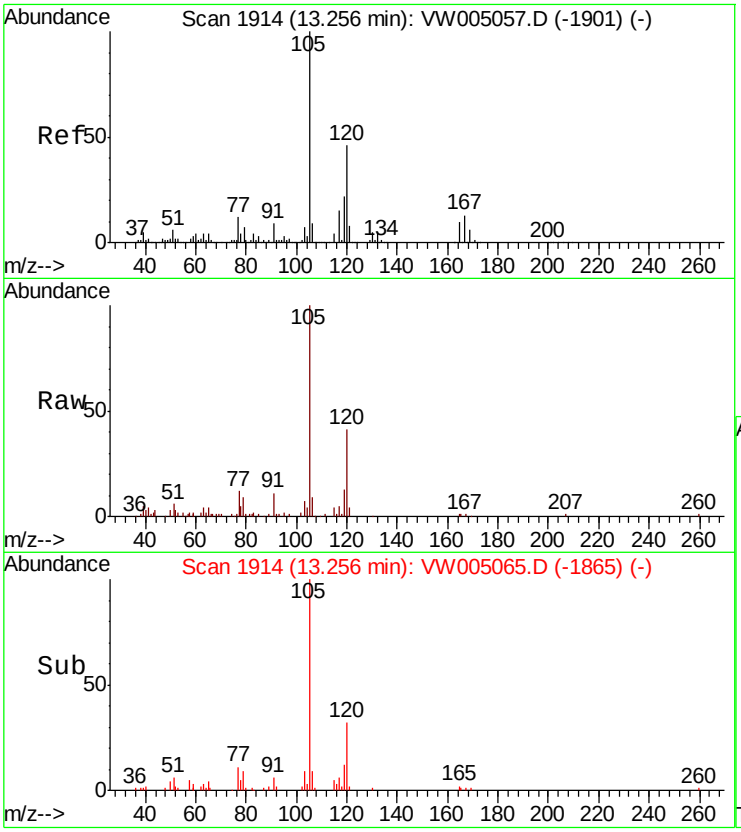


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Tgt Ion:152 Resp: 98920

Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.8	83.4
150	155.2	0.0	351.4



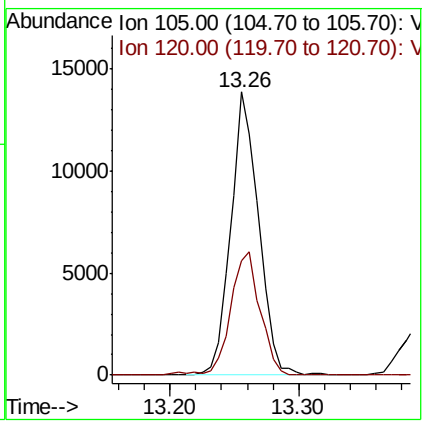


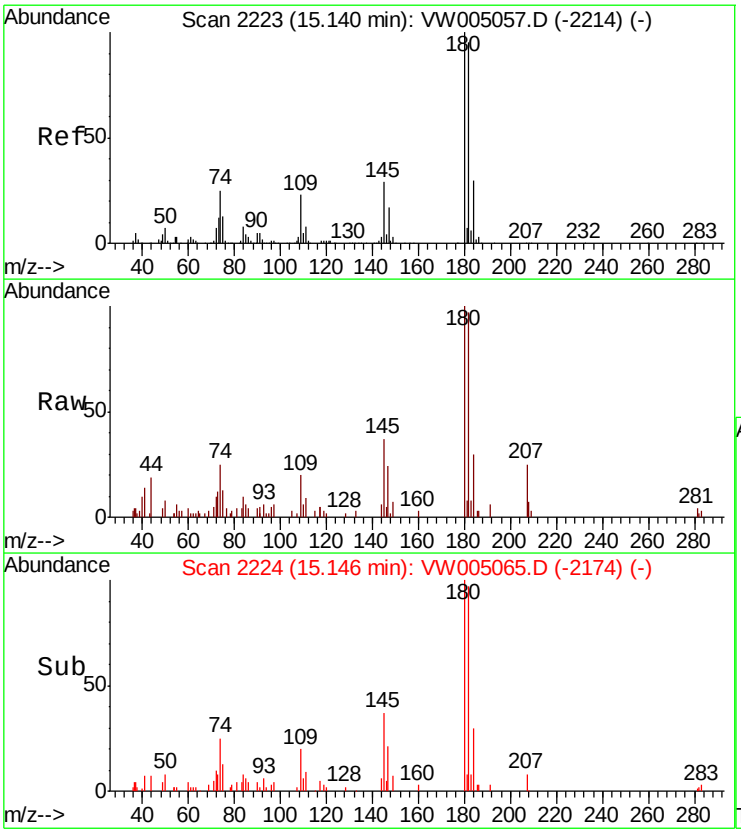
#84
1,2,4-Trimethylbenzene
Concen: 3.40 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Instrument :
MSVOA_W
ClientSampleId :
CL-02-082918-A

Tgt Ion:105 Resp: 20865

Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.3

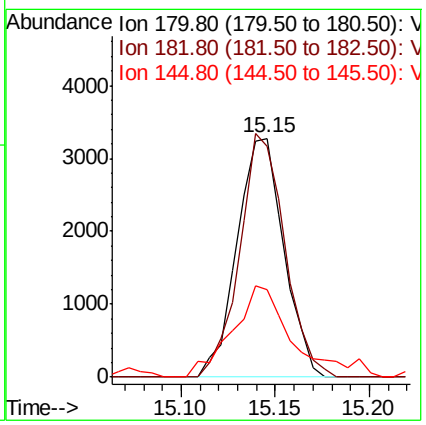


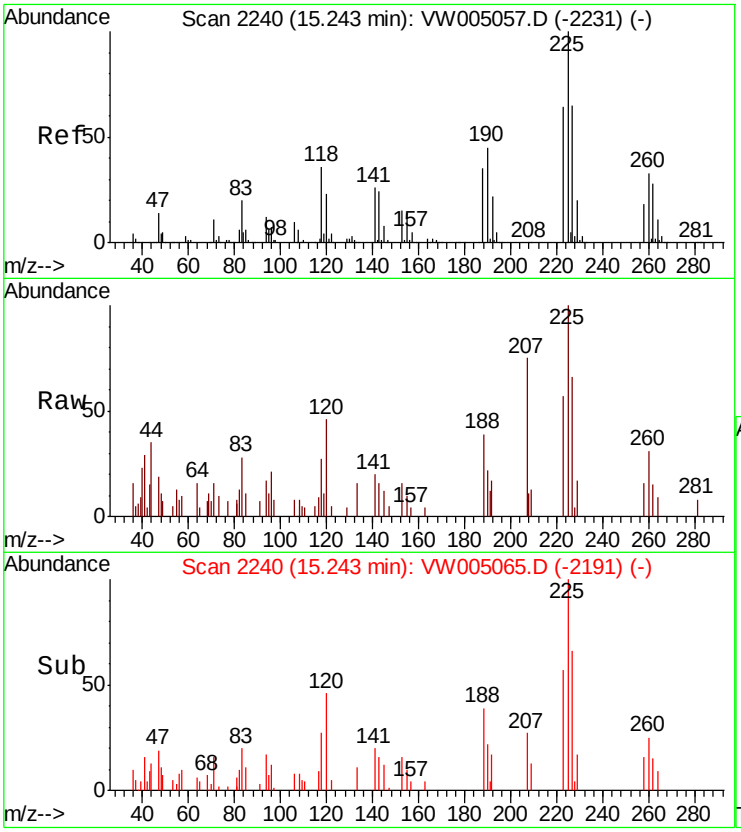


#93
1,2,4-Trichlorobenzene
Concen: 2.73 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.01 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Tgt Ion:180 Resp: 5637

Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.5	142.6
145	49.3	14.4	43.2#



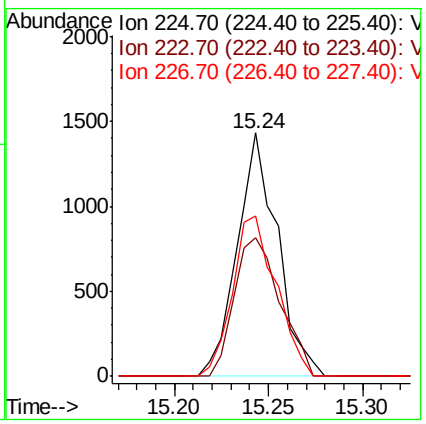


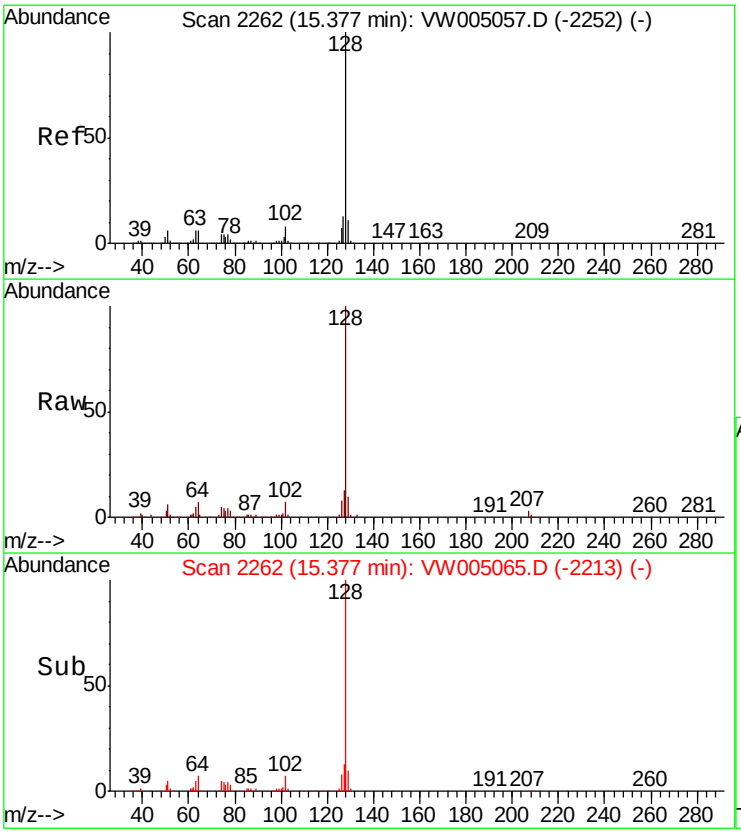
#94
Hexachlorobutadiene
Concen: 1.65 ug/l
RT: 15.24 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Instrument : MSVOA_W
ClientSampleId : CL-02-082918-A

Tgt Ion:225 Resp: 2111

Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.4	94.3
227	71.8	32.0	96.0

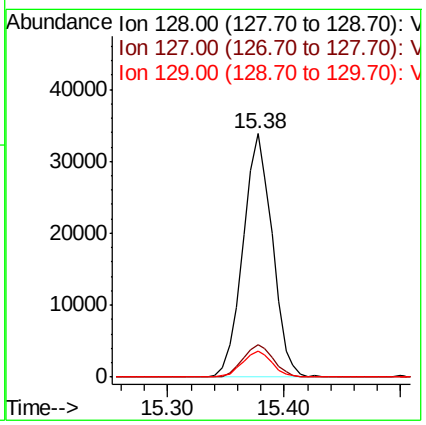


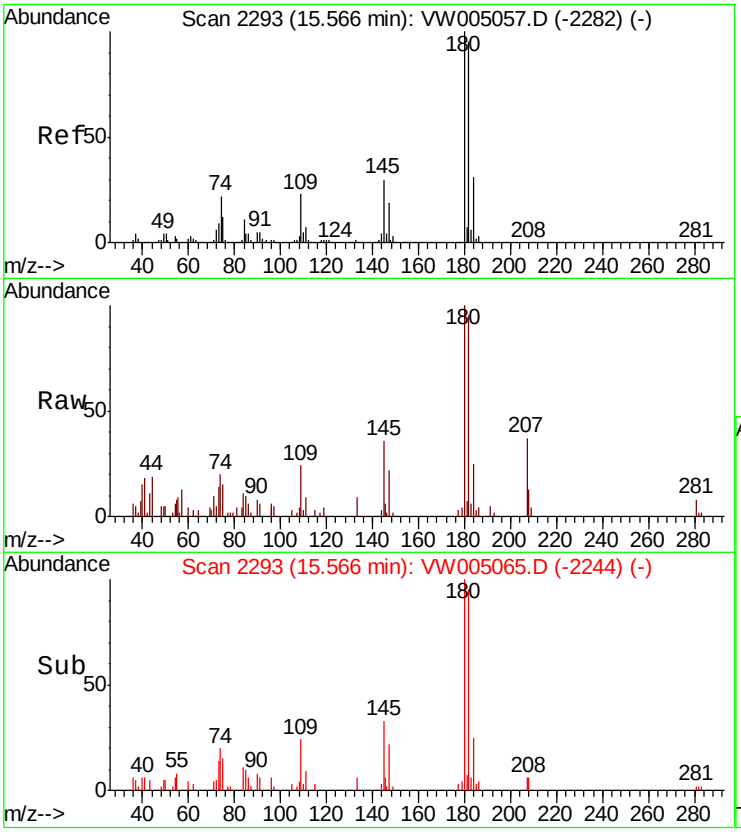


#95
Naphthalene
Concen: 19.39 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Tgt Ion:128 Resp: 59723

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.8	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 3.09 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005065.D
Acq: 01 Sep 2018 05:17

Instrument :
MSVOA_W
ClientSampleId :
CL-02-082918-A

Tgt Ion:180 Resp: 5460

Ion	Ratio	Lower	Upper
180	100		
182	90.6	47.4	142.3
145	45.1	15.4	46.1