Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
Data File : VW010687.D
Acq On : 05 Jun 2019 12:53
Operator : SY/VA
Sample : K3182-03
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-05-1.0-1.5

Quant Time: Jun 06 07:39:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	149965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58745	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.88%			
35) Dibromofluoromethane	7.88	113	43570	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.06%			
50) Toluene-d8	10.32	98	198423	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.18%			
62) 4-Bromofluorobenzene	12.62	95	66866	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.96%			
Target Compounds						Qvalue
16) Acetone	4.13	43	8115	27.810	ug/l	98
17) Carbon Disulfide	4.38	76	7085	2.498	ug/l	97
20) Methylene Chloride	4.92	84	2299	2.246	ug/l	87
67) Ethyl Benzene	11.73	91	5085	1.038	ug/l	94

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

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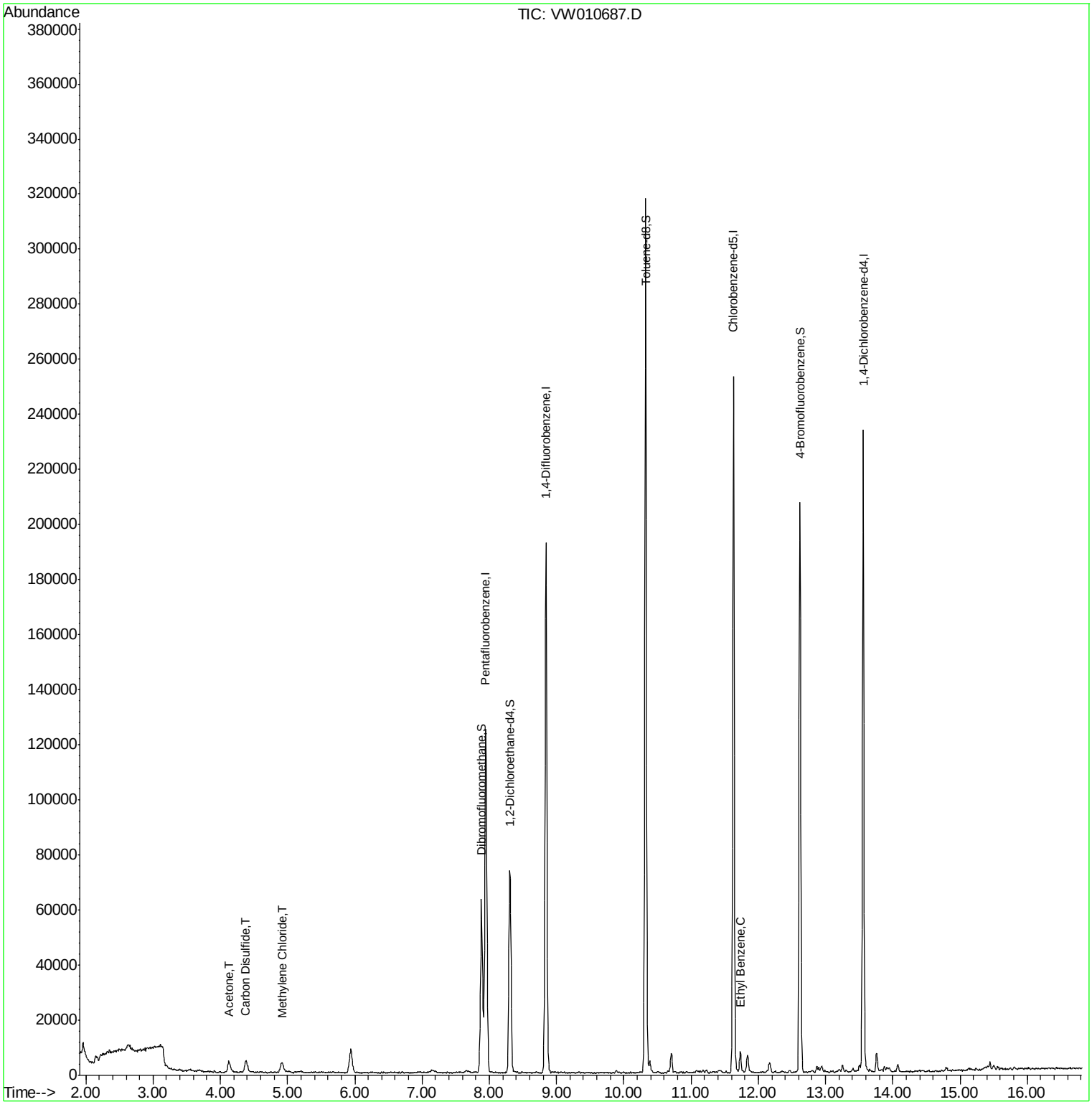
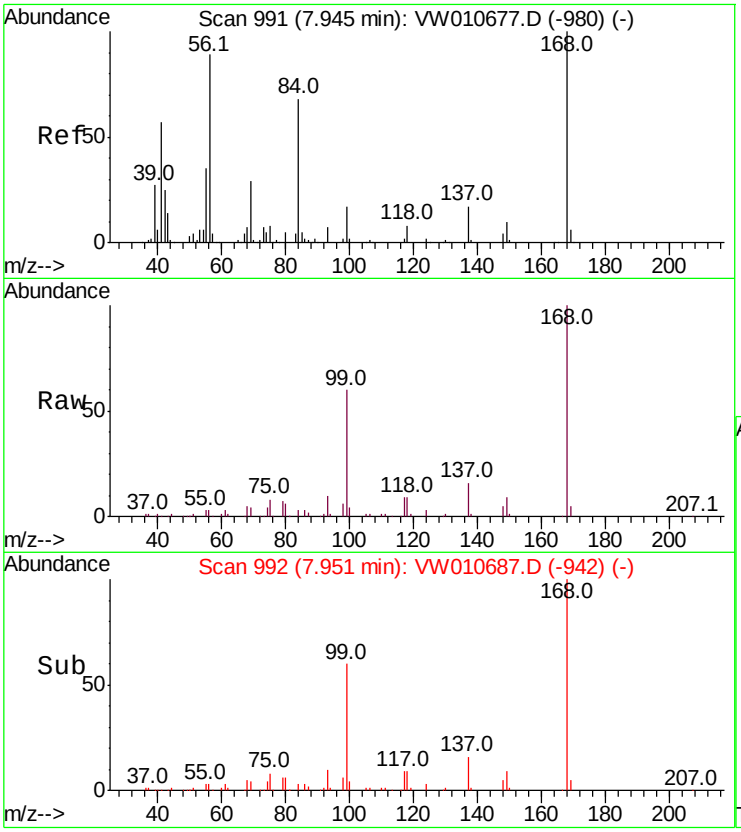


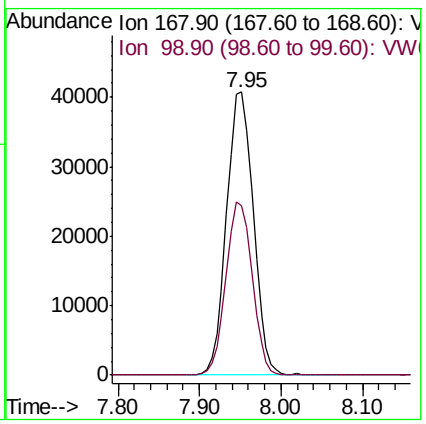


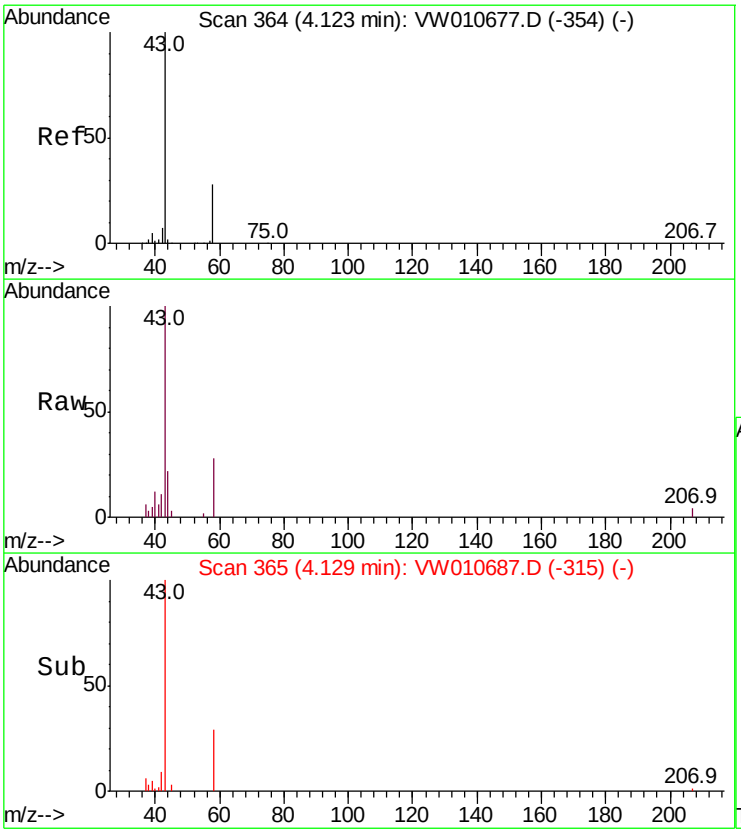
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Instrument :
MSVOA_W
ClientSampleId :
B-05-1.0-1.5

Tgt Ion:168 Resp: 92394

Ion	Ratio	Lower	Upper
168	100		
99	60.0	47.7	71.5

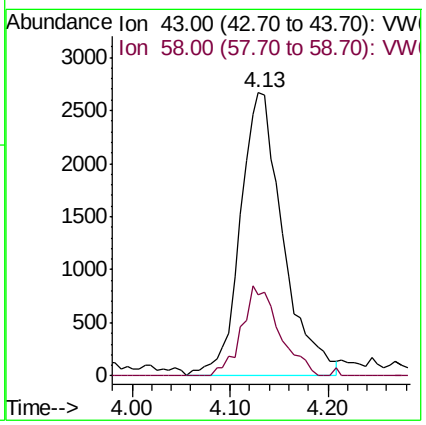


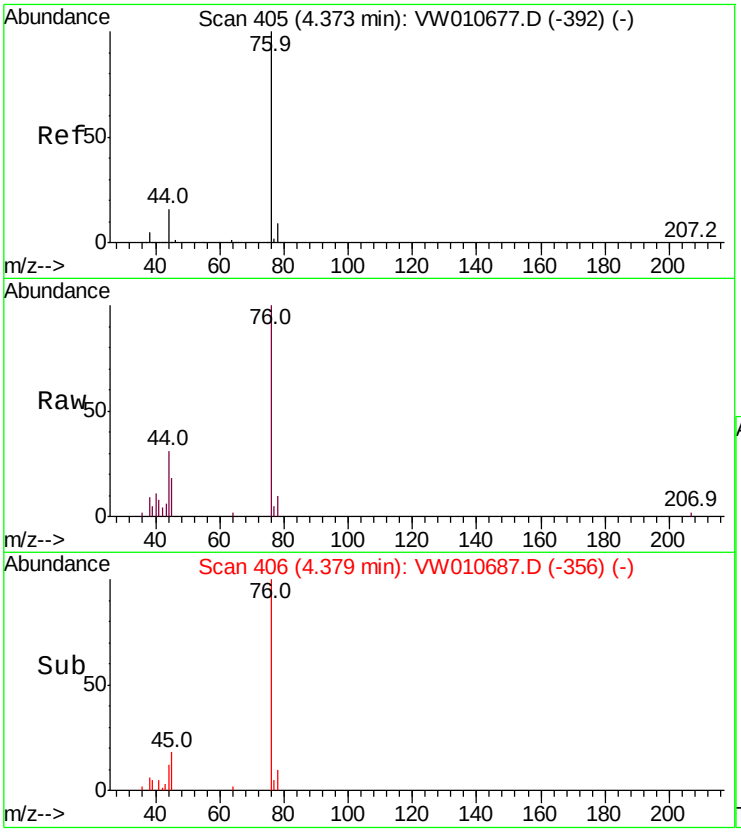


#16
Acetone
Concen: 27.810 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Tgt Ion: 43 Resp: 8115

Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.1	33.1



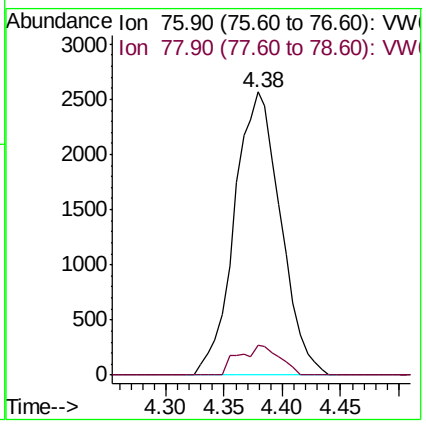


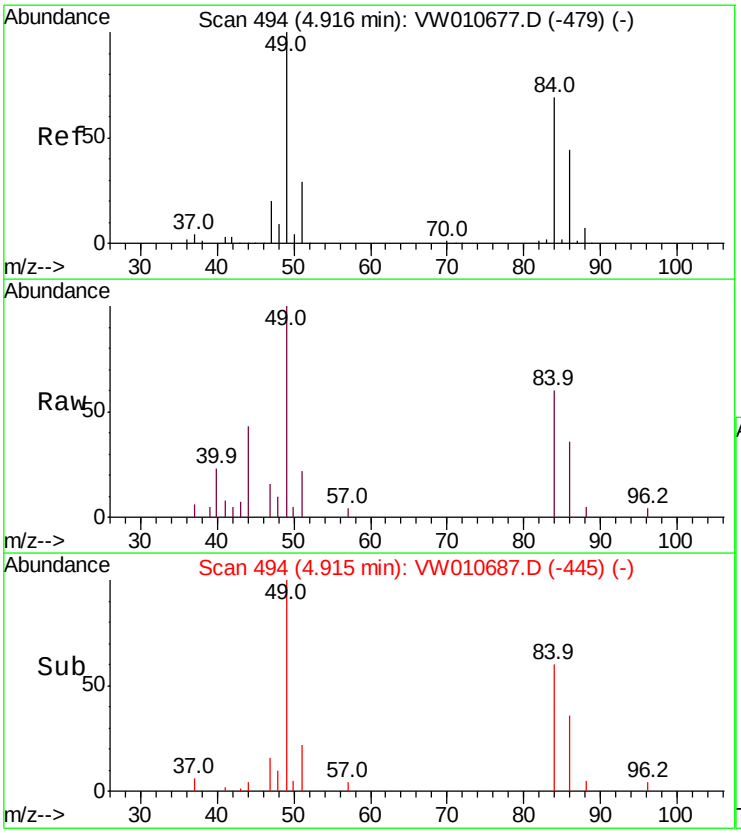
#17
Carbon Disulfide
Concen: 2.498 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Instrument : MSVOA_W
ClientSampleId : B-05-1.0-1.5

Tgt Ion: 76 Resp: 7085

Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.5	11.3

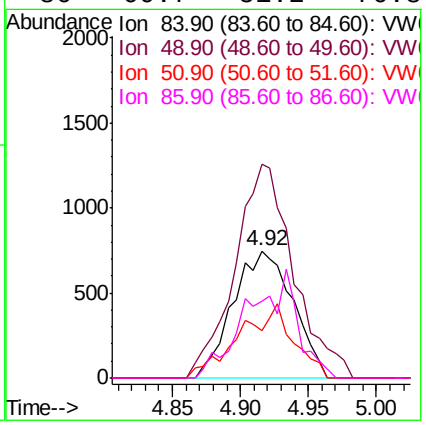


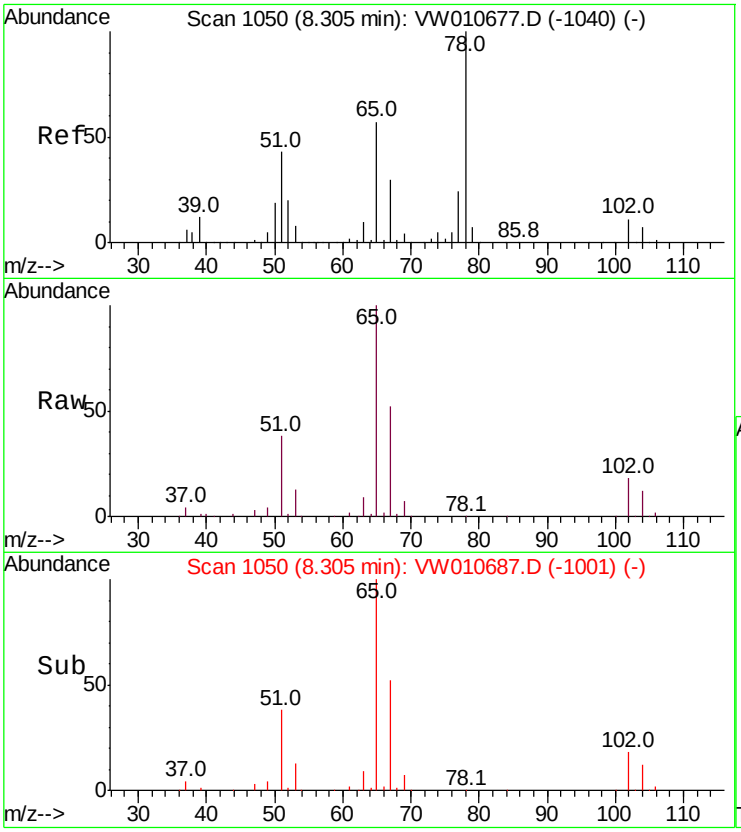


#20
Methylene Chloride
Concen: 2.246 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Tgt Ion: 84 Resp: 2299

Ion	Ratio	Lower	Upper
84	100		
49	168.0	116.7	175.1
51	37.0	34.2	51.2
86	60.7	51.2	76.8



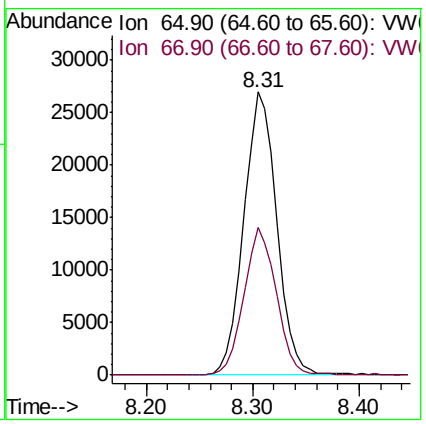


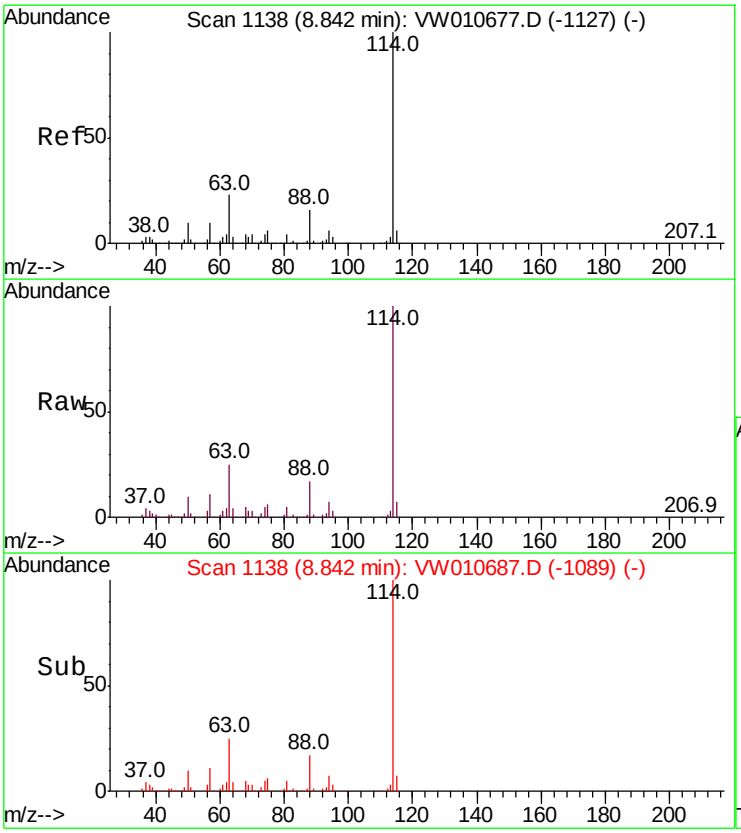
#33
1,2-Dichloroethane-d4
Concen: 53.943 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Instrument :
MSVOA_W
ClientSampleId :
B-05-1.0-1.5

Tgt Ion: 65 Resp: 58745

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6

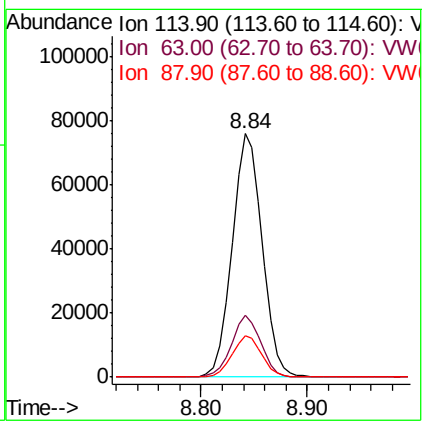


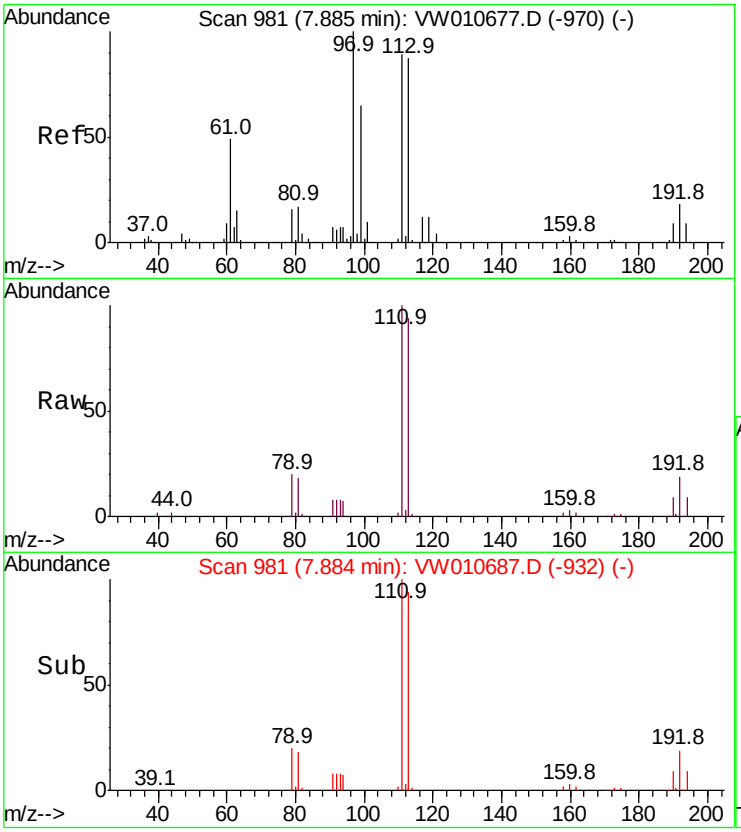


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Tgt Ion:114 Resp: 149965

Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	46.4
88	16.9	0.0	32.2



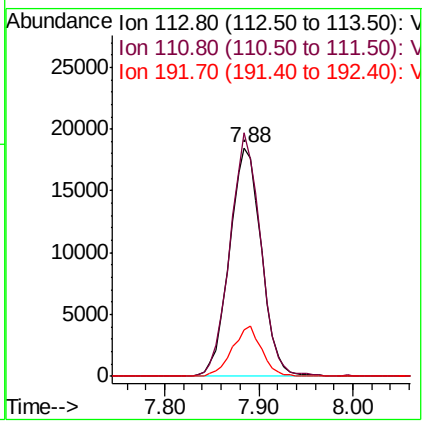


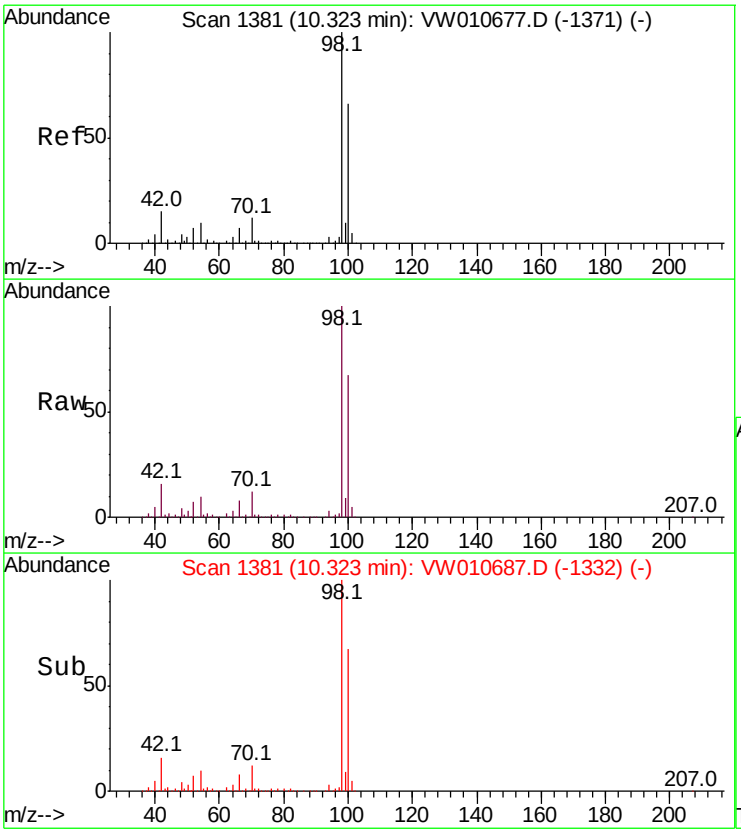
#35
Dibromofluoromethane
Concen: 53.527 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Instrument :
MSVOA_W
ClientSampleId :
B-05-1.0-1.5

Tgt Ion:113 Resp: 43570

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	20.1	16.4	24.6

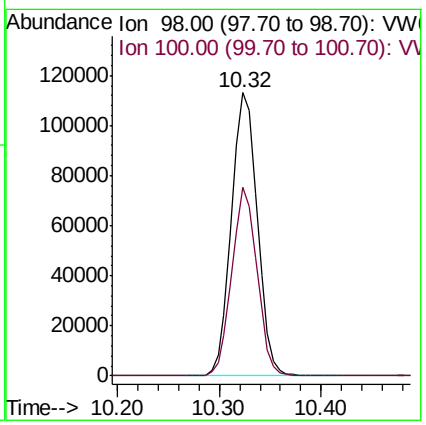


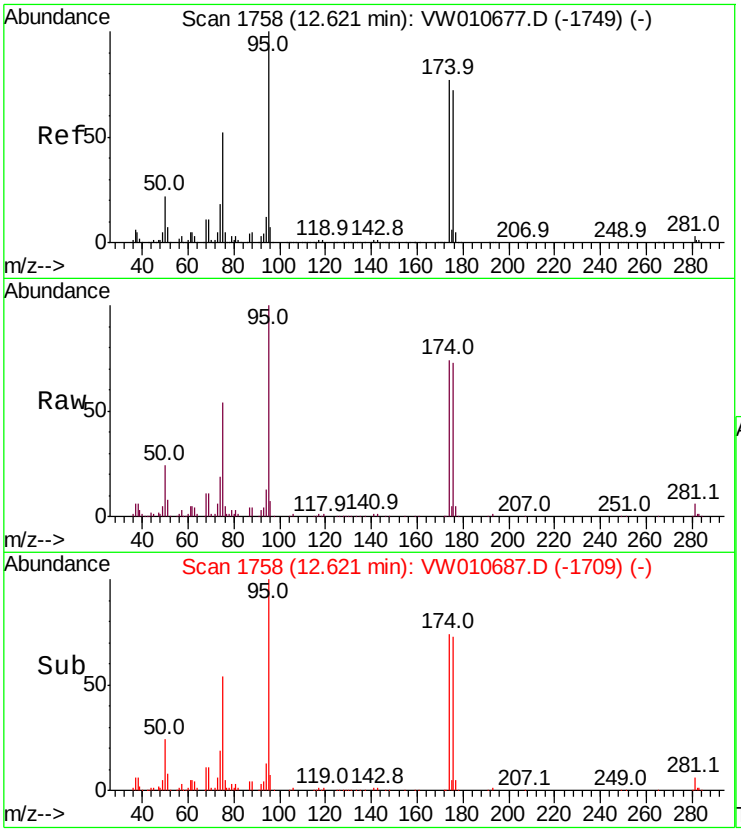


#50
Toluene-d8
Concen: 55.590 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Tgt Ion: 98 Resp: 198423

Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.0	79.6



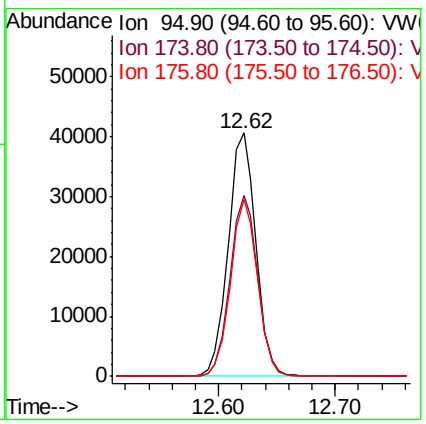


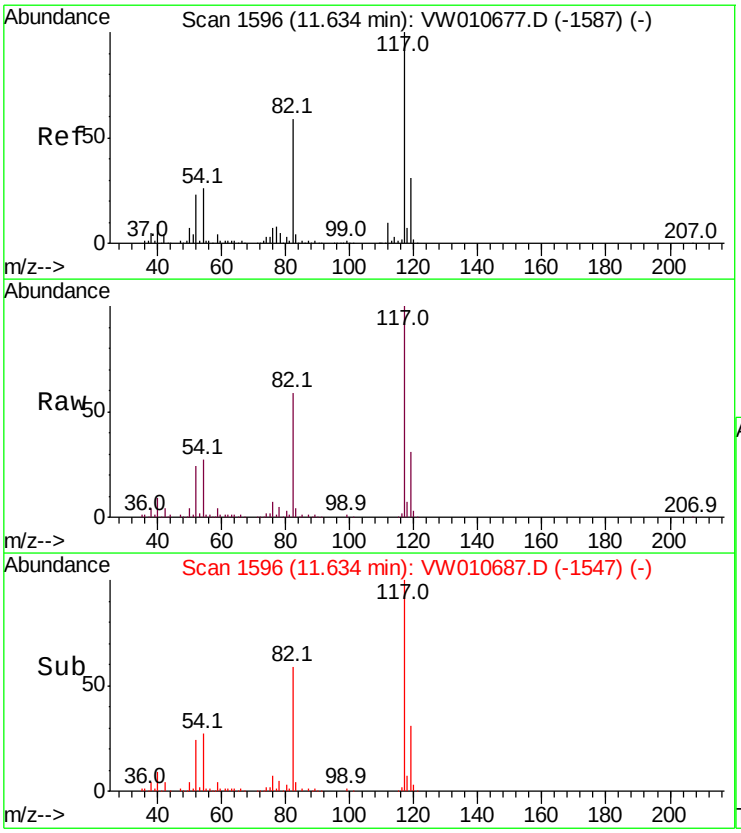
#62
4-Bromofluorobenzene
Concen: 51.481 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Instrument :
MSVOA_W
ClientSampleId :
B-05-1.0-1.5

Tgt Ion: 95 Resp: 66866

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	150.4
176	70.9	0.0	144.8

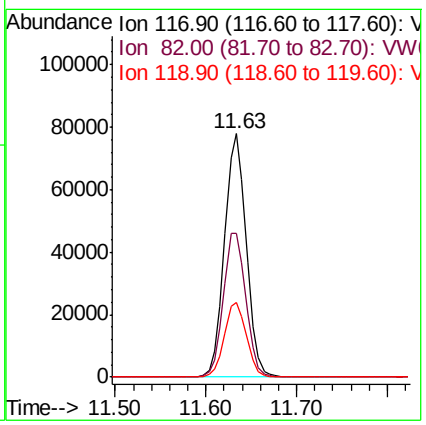


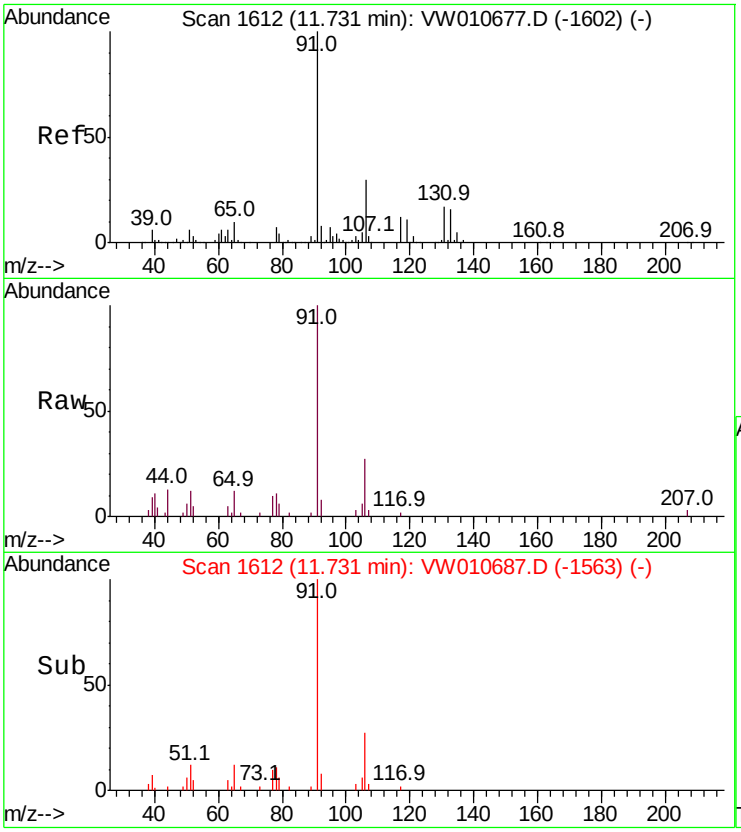


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Tgt Ion:117 Resp: 129620

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.0	70.4
119	30.7	25.1	37.7



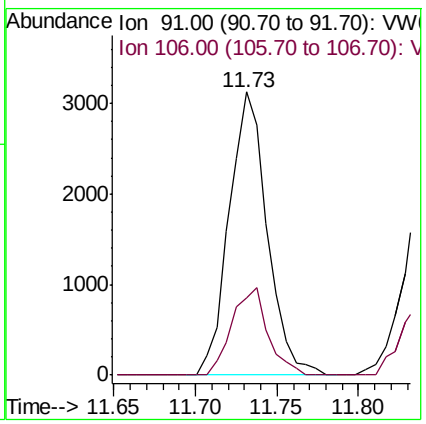


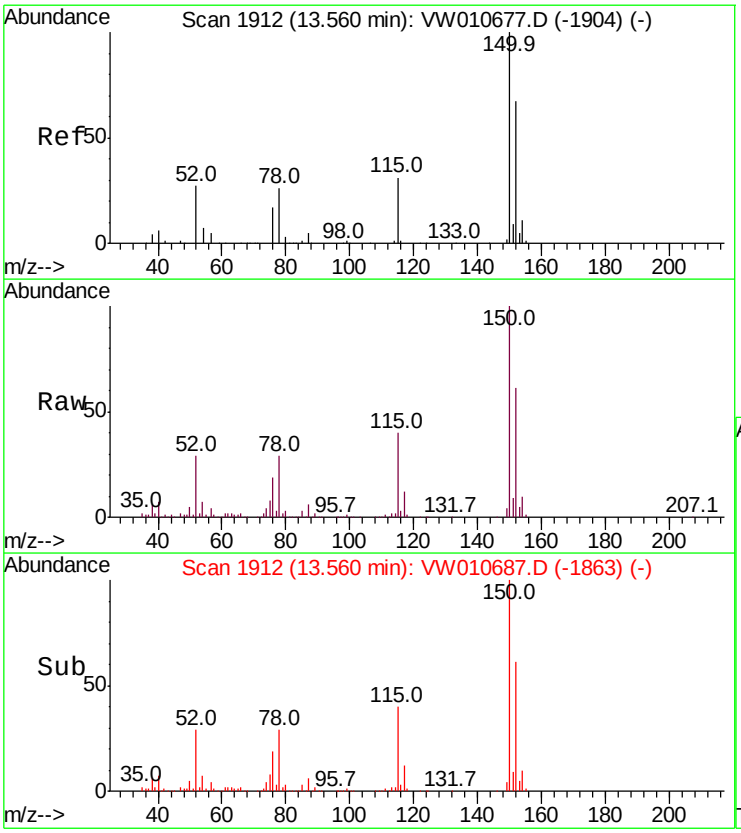
#67
Ethyl Benzene
Concen: 1.038 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Instrument : MSVOA_W
ClientSampleId : B-05-1.0-1.5

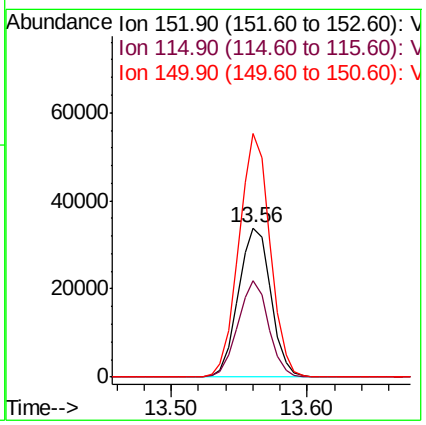
Tgt Ion: 91 Resp: 5085

Ion	Ratio	Lower	Upper
91	100		
106	27.3	24.2	36.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010687.D
Acq: 05 Jun 2019 12:53

Tgt Ion:152 Resp: 56170

Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.8	89.3
150	157.3	0.0	345.0