Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006843.D
Acq On : 13 Nov 2018 08:42
Operator : SY/AP
Sample : J5860-18
Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EP2-SB-109(14-16)

Quant Time: Nov 20 11:23:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	402110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	572686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	562649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	294269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141601	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.34%			
35) Dibromofluoromethane	7.89	113	143818	42.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.34%			
50) Toluene-d8	10.33	98	584093	41.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.64%			
62) 4-Bromofluorobenzene	12.62	95	210614	40.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.92%			
Target Compounds						Qvalue
16) Acetone	4.14	43	2147	5.086	ug/l #	86
20) Methylene Chloride	4.92	84	23802	1.110	ug/l	94
31) Cyclohexane	7.96	56	6112	1.085	ug/l #	14
52) Toluene	10.39	92	23334	2.209	ug/l	99

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

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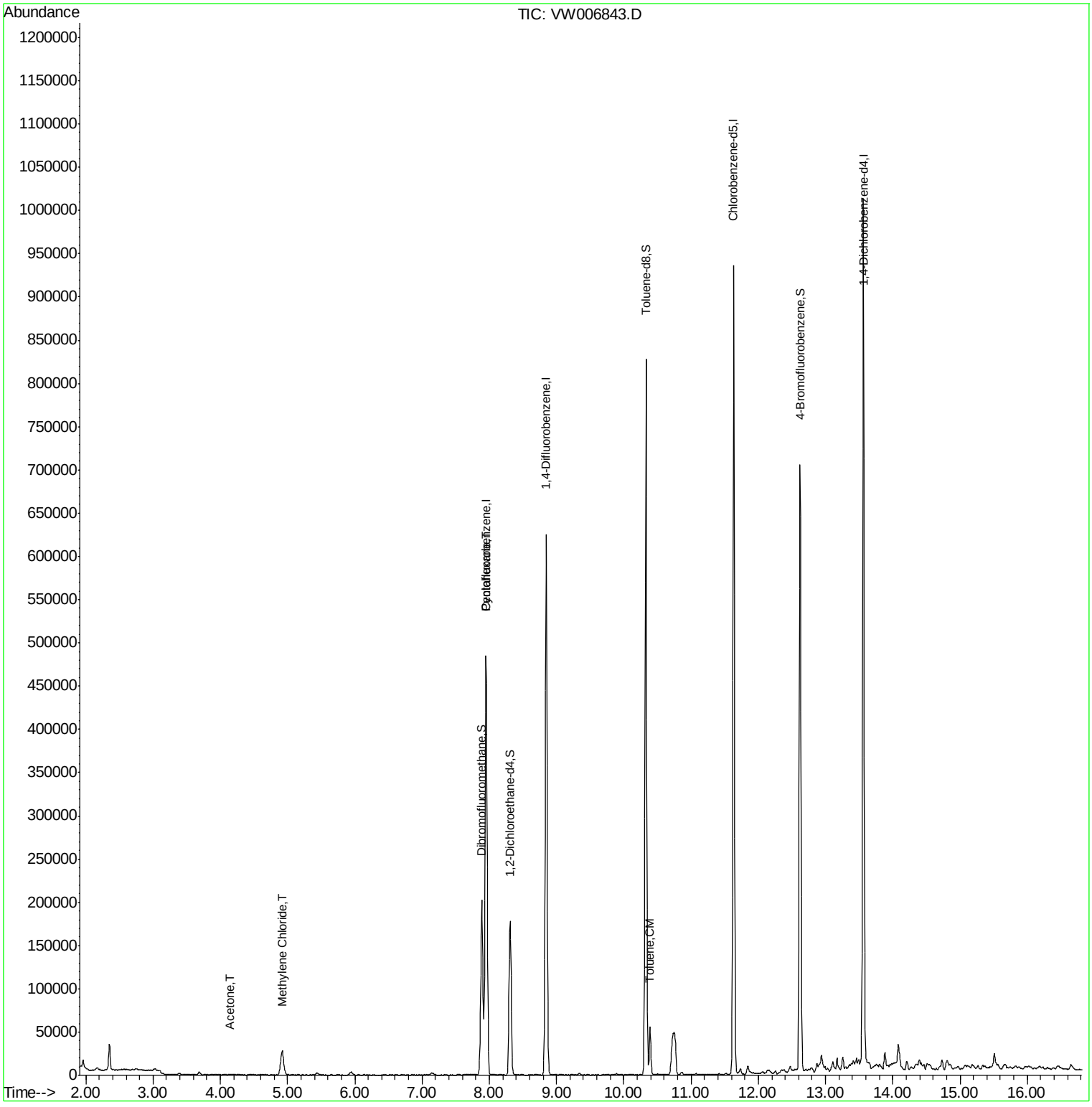
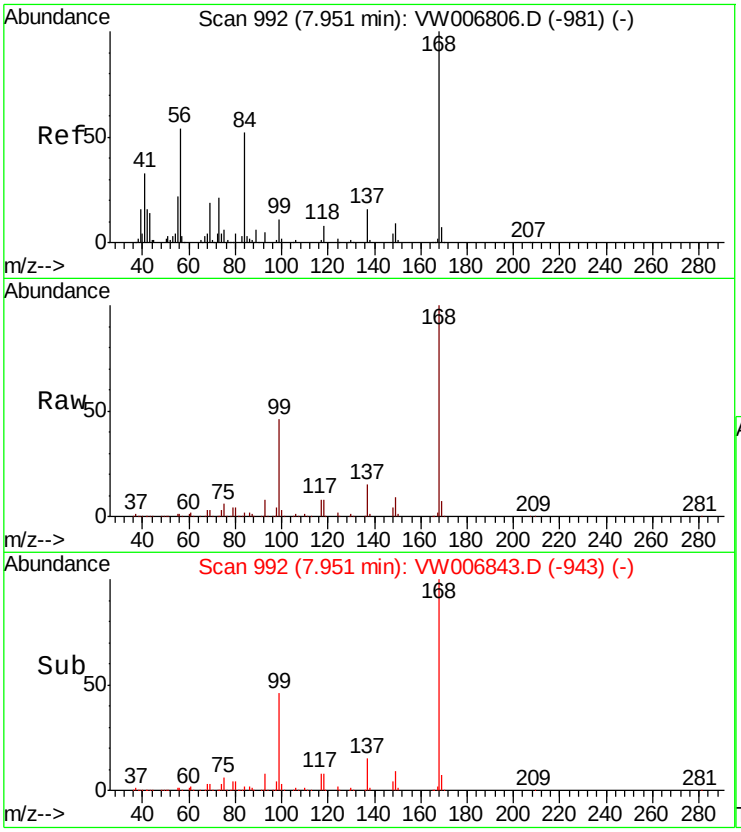


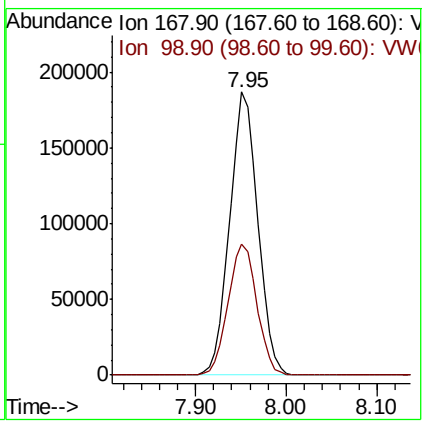


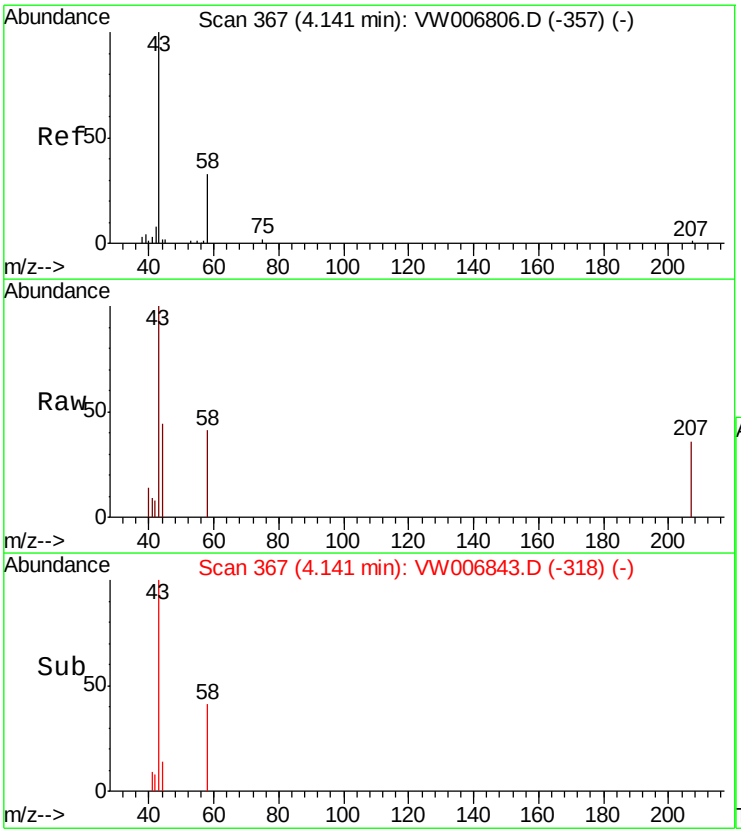
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-109(14-16)

Tgt Ion:168 Resp: 402110

Ion	Ratio	Lower	Upper
168	100		
99	46.4	37.3	55.9

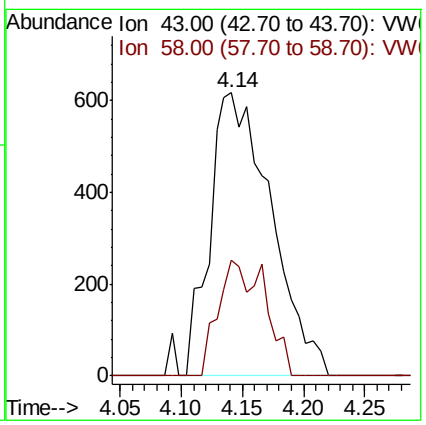


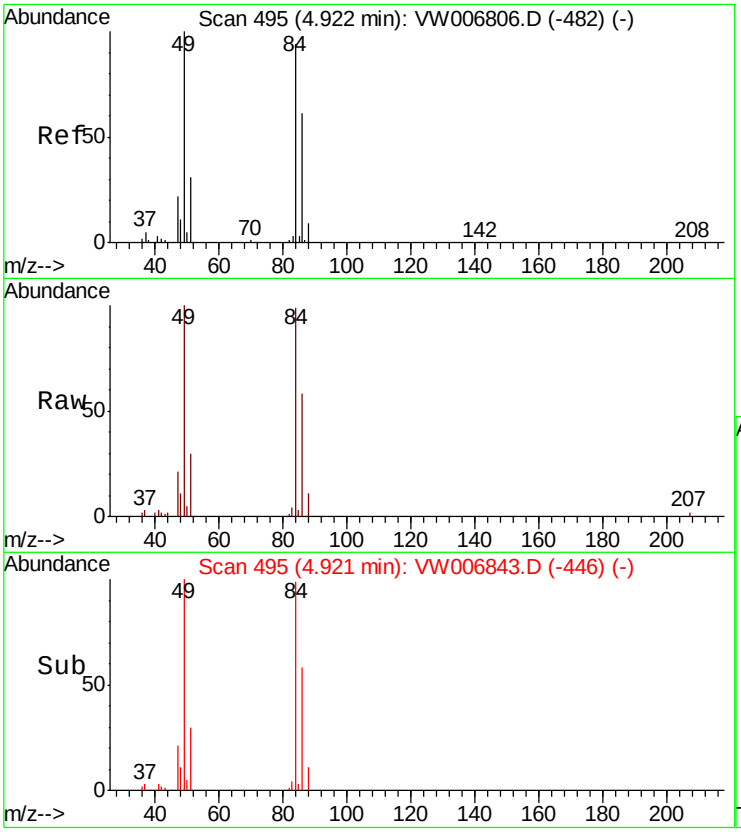


#16
Acetone
Concen: 5.086 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Tgt Ion: 43 Resp: 2147

Ion	Ratio	Lower	Upper
43	100		
58	41.0	26.5	39.7#



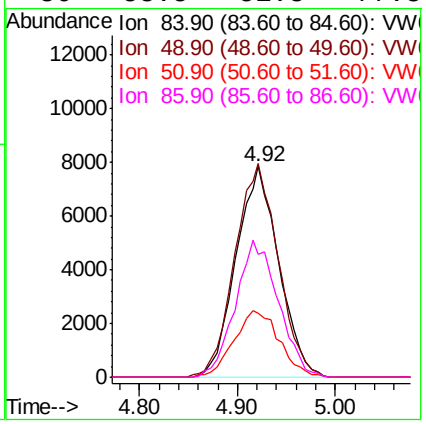


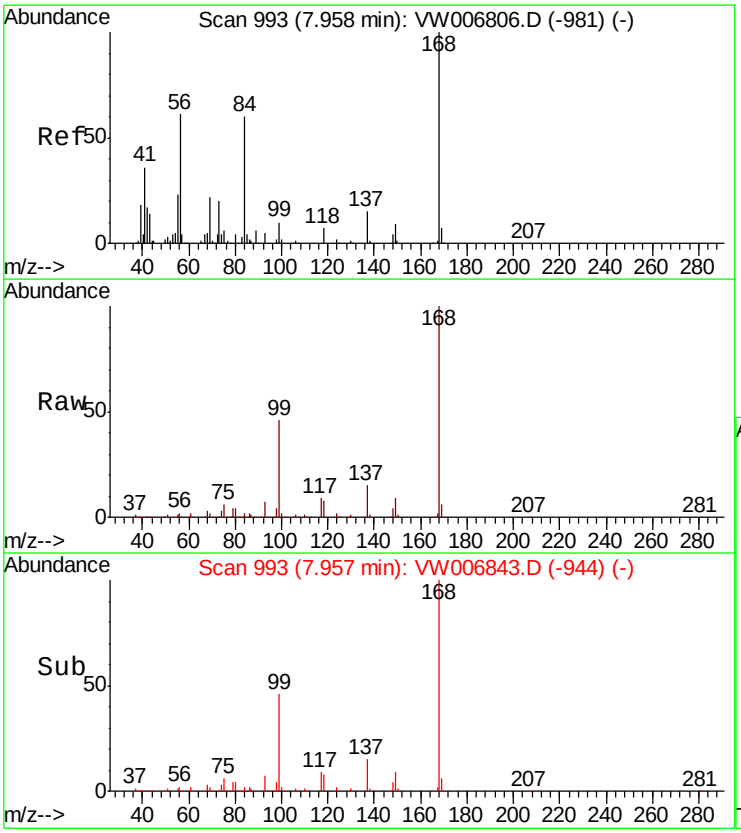
#20
Methylene Chloride
Concen: 1.110 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Instrument : MSVOA_W
ClientSampleId : EP2-SB-109(14-16)

Tgt Ion: 84 Resp: 23802

Ion	Ratio	Lower	Upper
84	100		
49	101.3	84.8	127.2
51	30.4	26.2	39.4
86	58.5	51.8	77.8

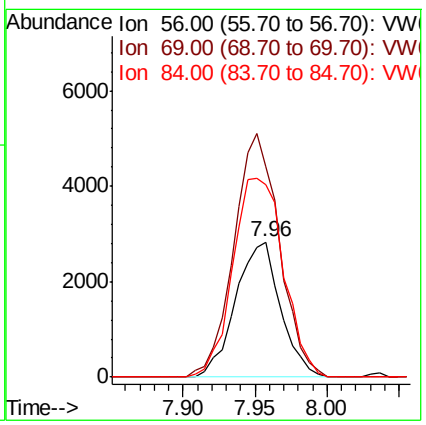


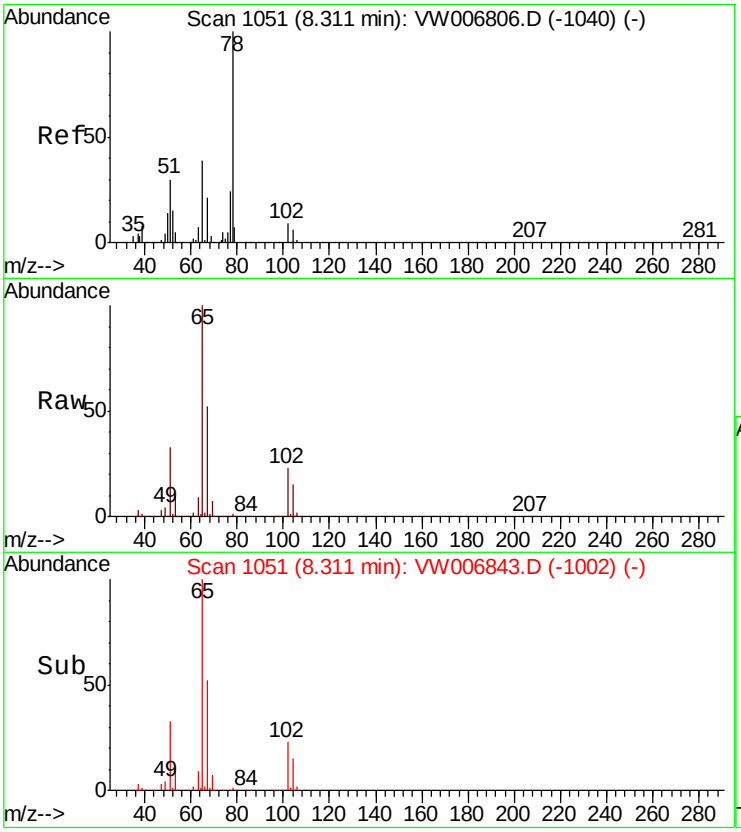


#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Tgt Ion: 56 Resp: 6112

Ion	Ratio	Lower	Upper
56	100		
69	155.4	28.9	43.3#
84	141.9	79.0	118.4#



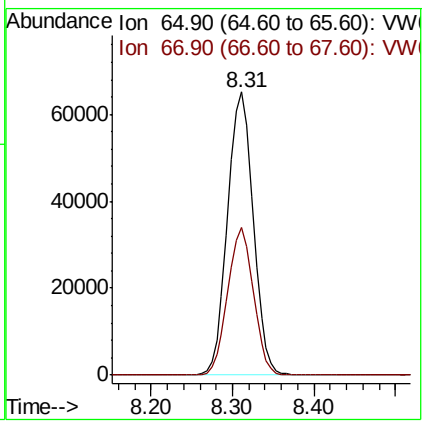


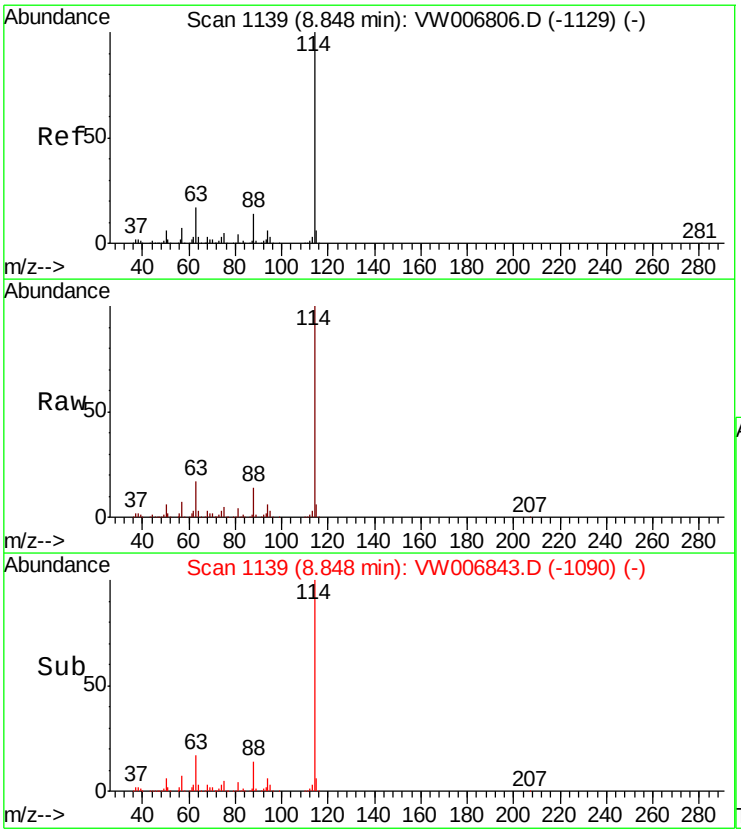
#33
1,2-Dichloroethane-d4
Concen: 48.171 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Instrument : MSVOA_W
ClientSampleId : EP2-SB-109(14-16)

Tgt Ion: 65 Resp: 141601

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.4

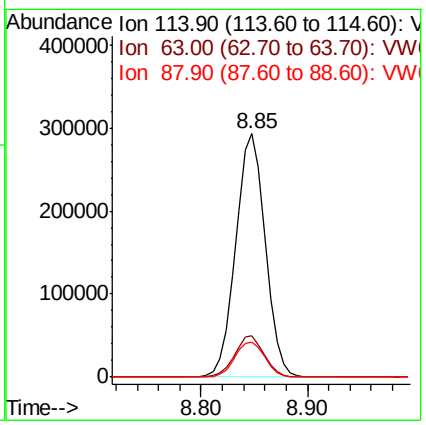


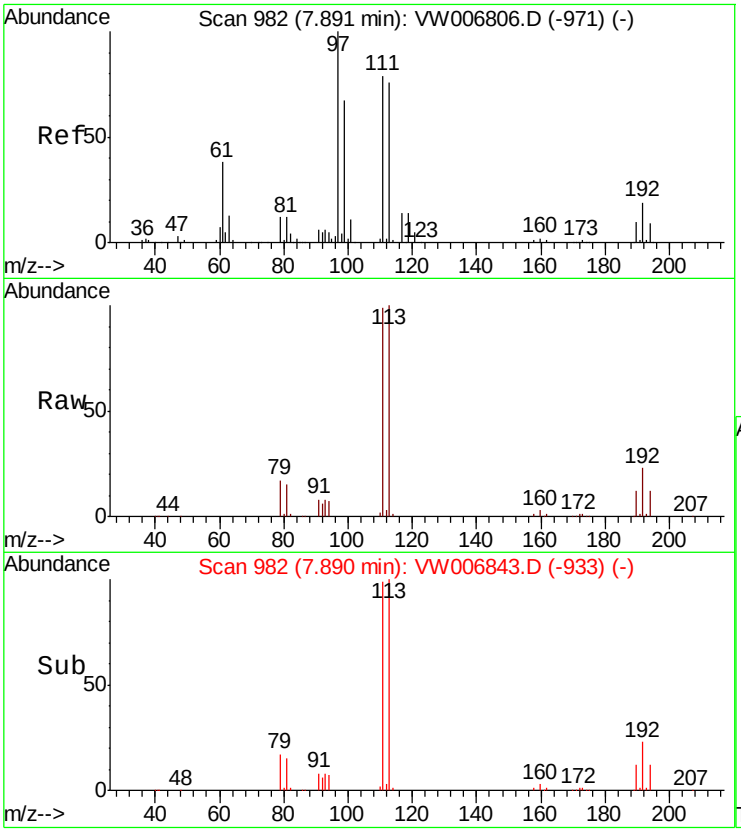


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Tgt Ion:114 Resp: 572686

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	33.6
88	14.4	0.0	28.4



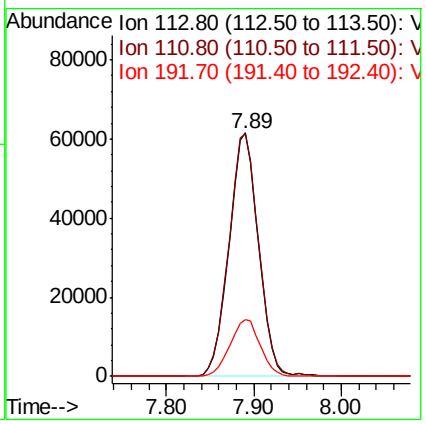


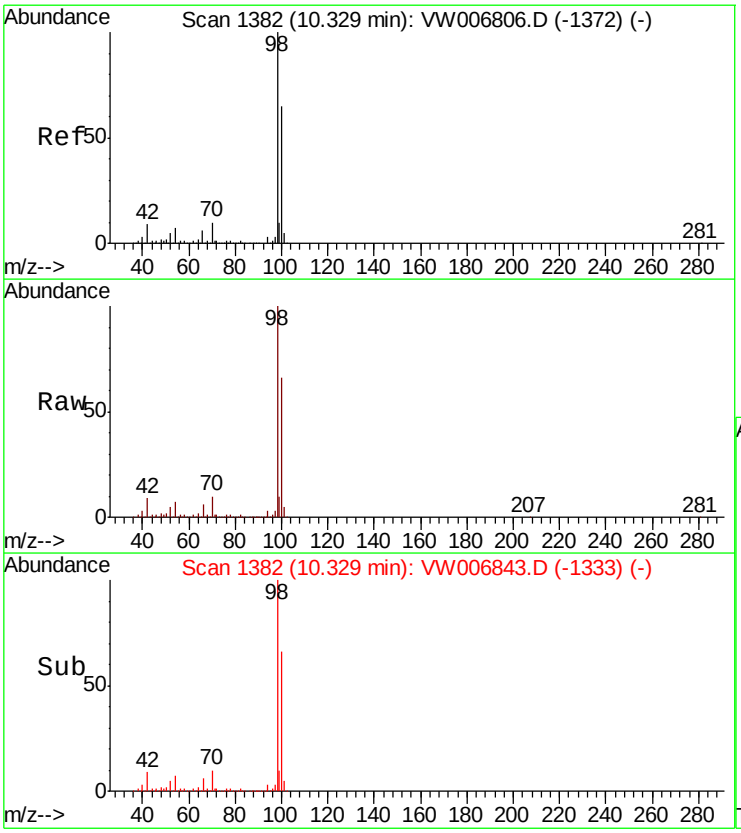
#35
Dibromofluoromethane
Concen: 42.173 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-109(14-16)

Tgt Ion:113 Resp: 143818

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.6
192	23.7	19.0	28.6

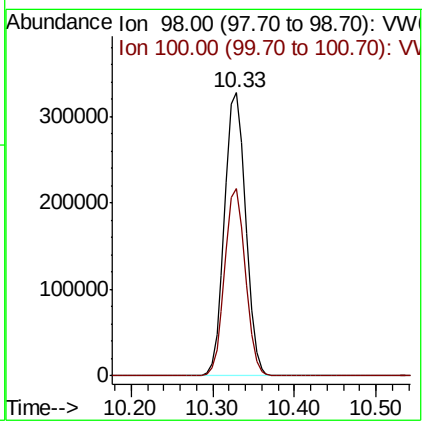


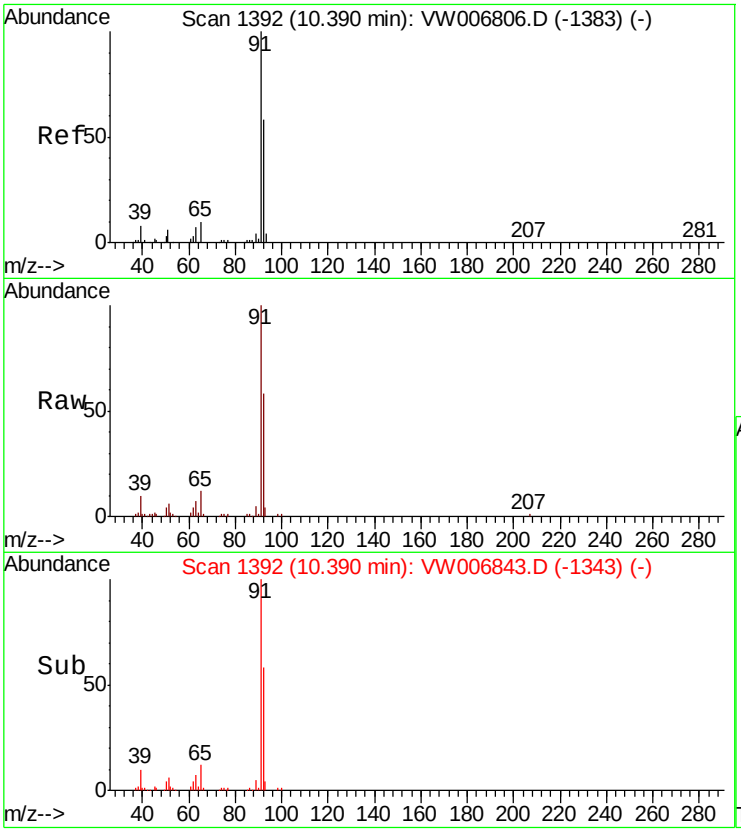


#50
Toluene-d8
Concen: 41.323 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Tgt Ion: 98 Resp: 584093

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.2



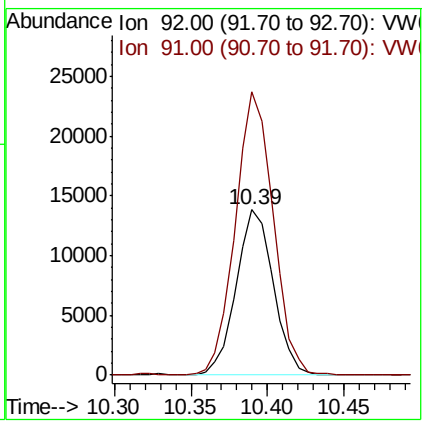


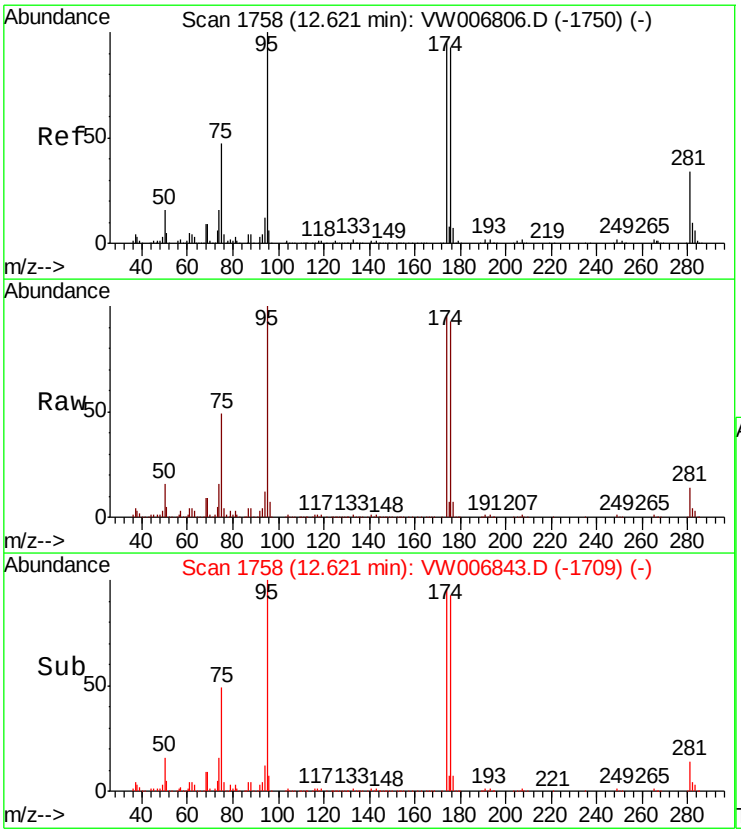
#52
Toluene
Concen: 2.209 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-109(14-16)

Tgt Ion: 92 Resp: 23334

Ion	Ratio	Lower	Upper
92	100		
91	175.0	139.4	209.2

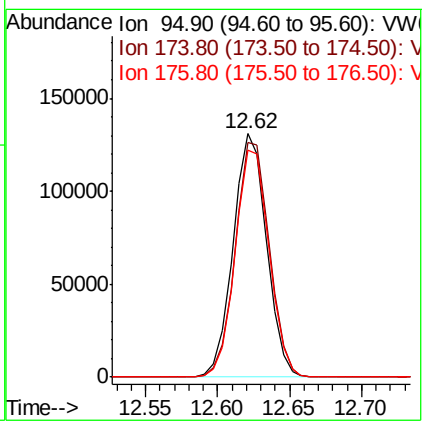


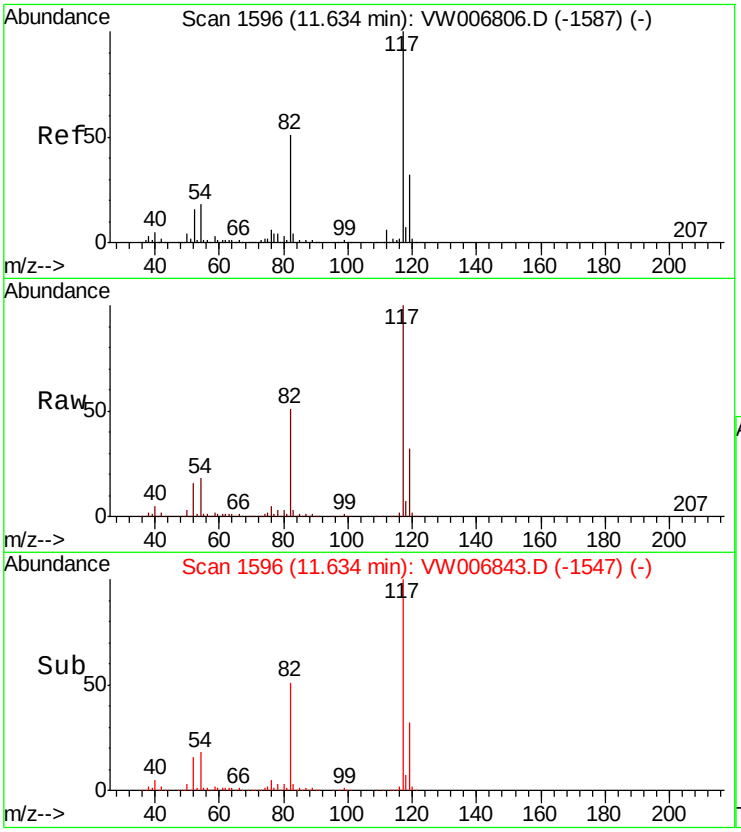


#62
4-Bromofluorobenzene
Concen: 40.456 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Tgt Ion: 95 Resp: 210614

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	196.6
176	95.1	0.0	191.6



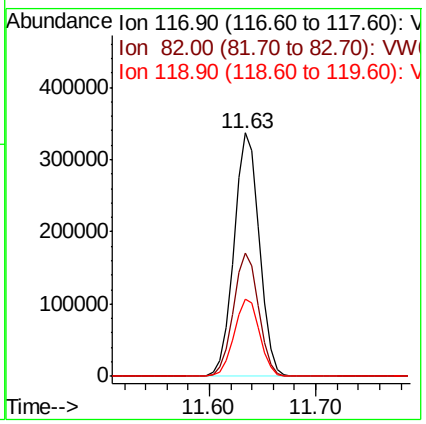


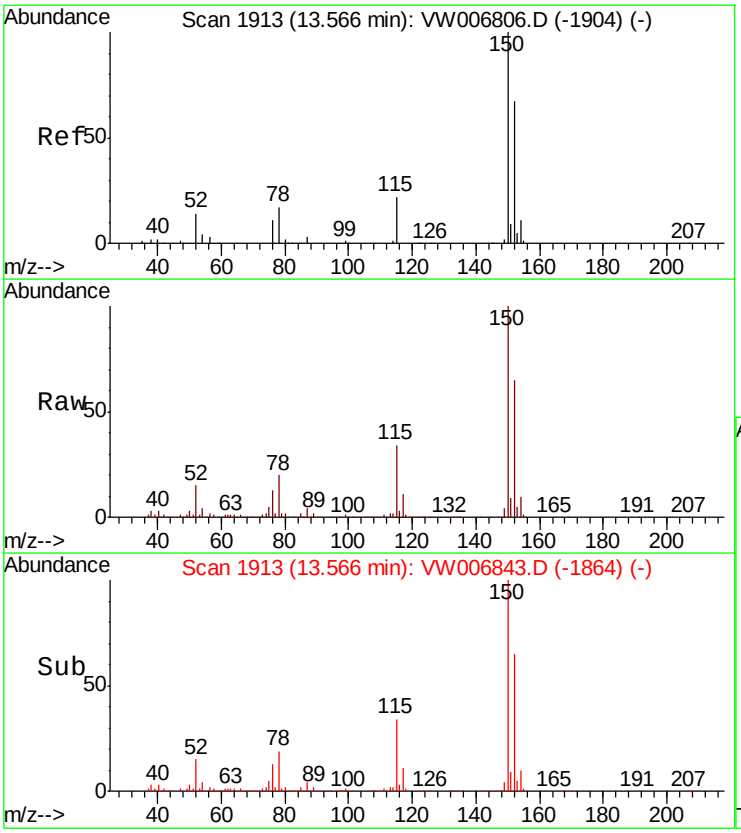
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Instrument : MSVOA_W
ClientSampleId : EP2-SB-109(14-16)

Tgt Ion:117 Resp: 562649

Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.6	61.0
119	31.9	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006843.D
Acq: 13 Nov 2018 08:42

Tgt Ion:152 Resp: 294269

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.3	81.8
150	155.5	0.0	353.0