Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012220.D
Acq On : 27 Aug 2019 18:36
Operator : SY/VA
Sample : K4521-13
Misc : 3.99G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PX-16

Quant Time: Aug 28 06:48:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147833	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.54%			
35) Dibromofluoromethane	7.88	113	121605	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.06%			
50) Toluene-d8	10.32	98	496288	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.72%			
62) 4-Bromofluorobenzene	12.62	95	164563	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.74%			
Target Compounds						Qvalue
20) Methylene Chloride	4.91	84	28323	10.165	ug/l	96

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

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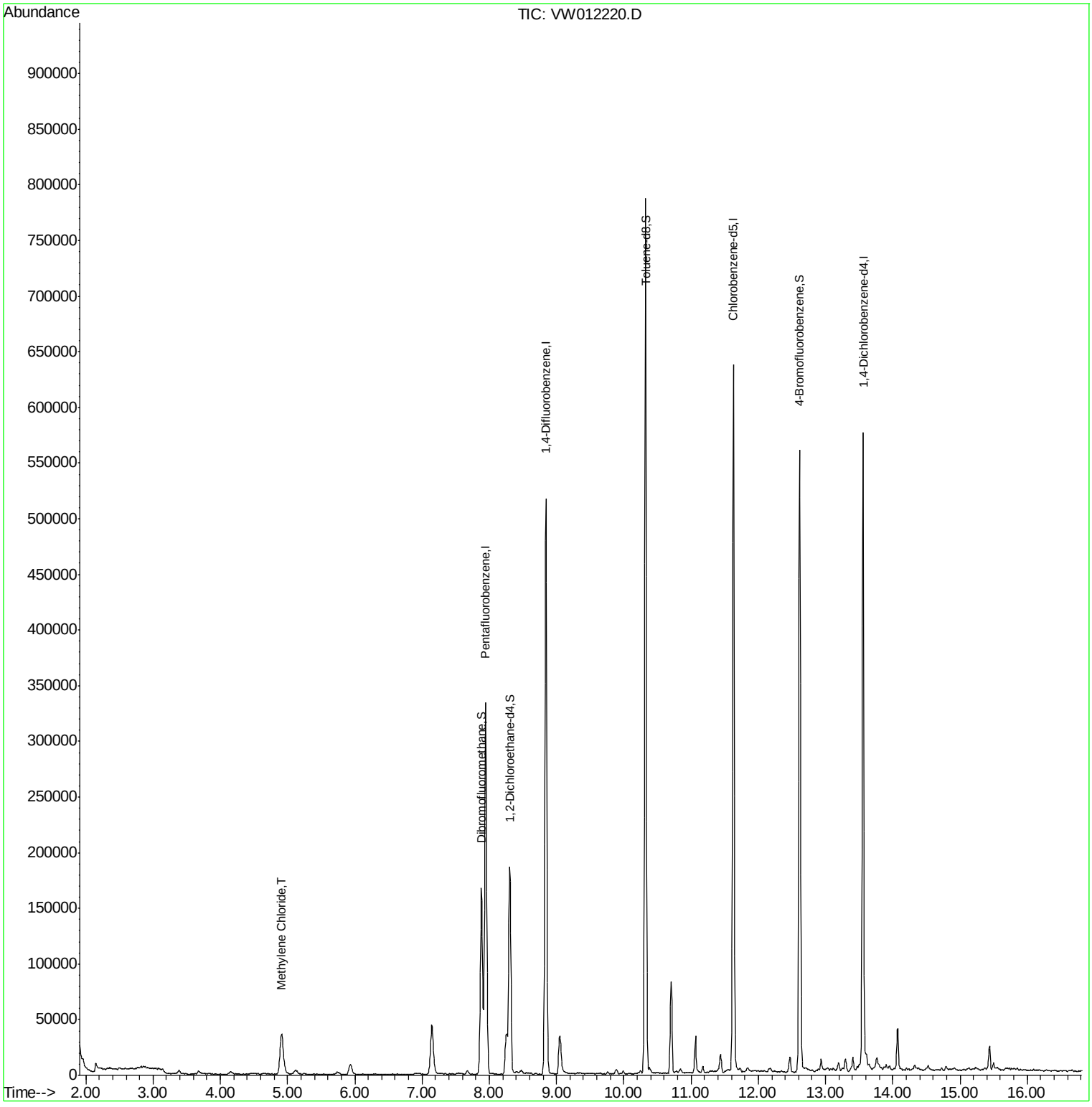
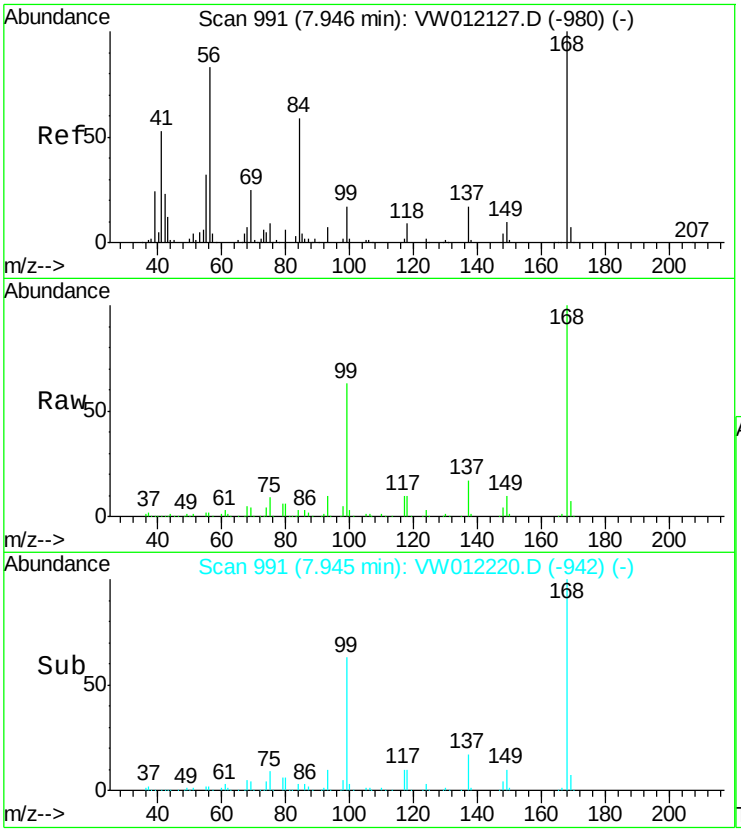


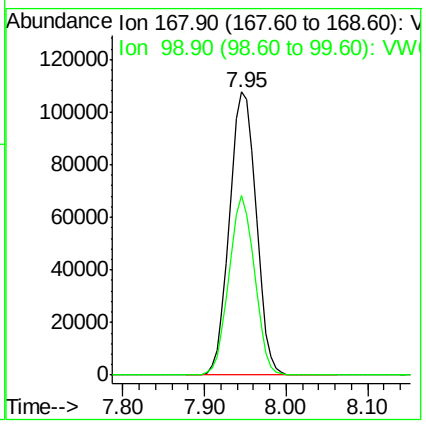


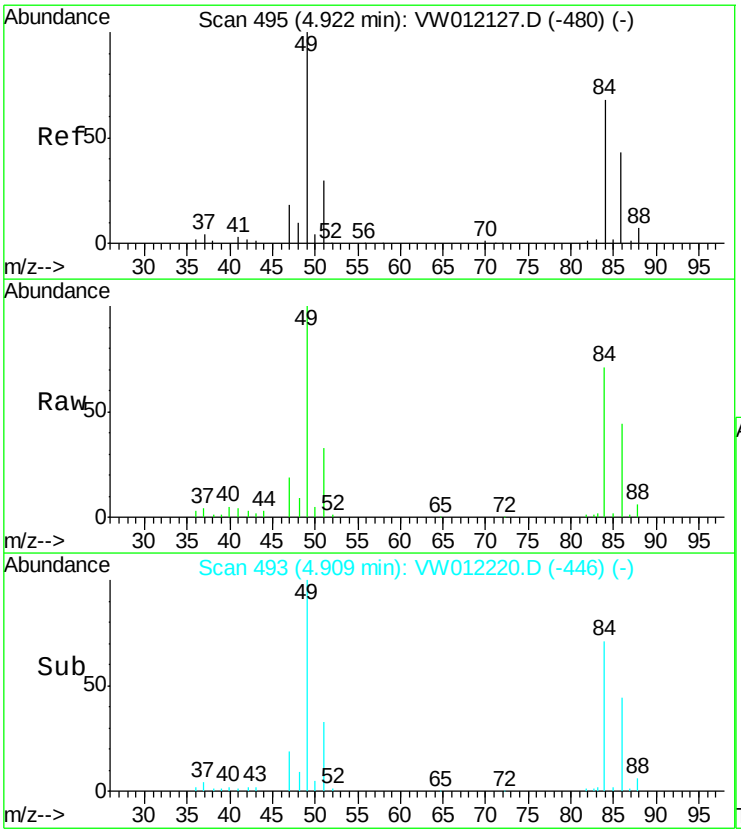
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW012220.D
Acq: 27 Aug 2019 18:36

Instrument : MSVOA_W
ClientSampleId : PX-16

Tgt Ion:168 Resp: 242553

Ion	Ratio	Lower	Upper
168	100		
99	63.3	49.2	73.8

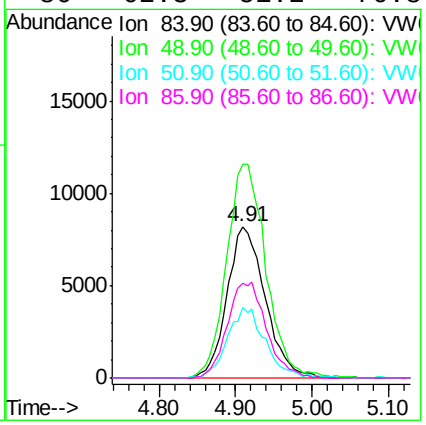


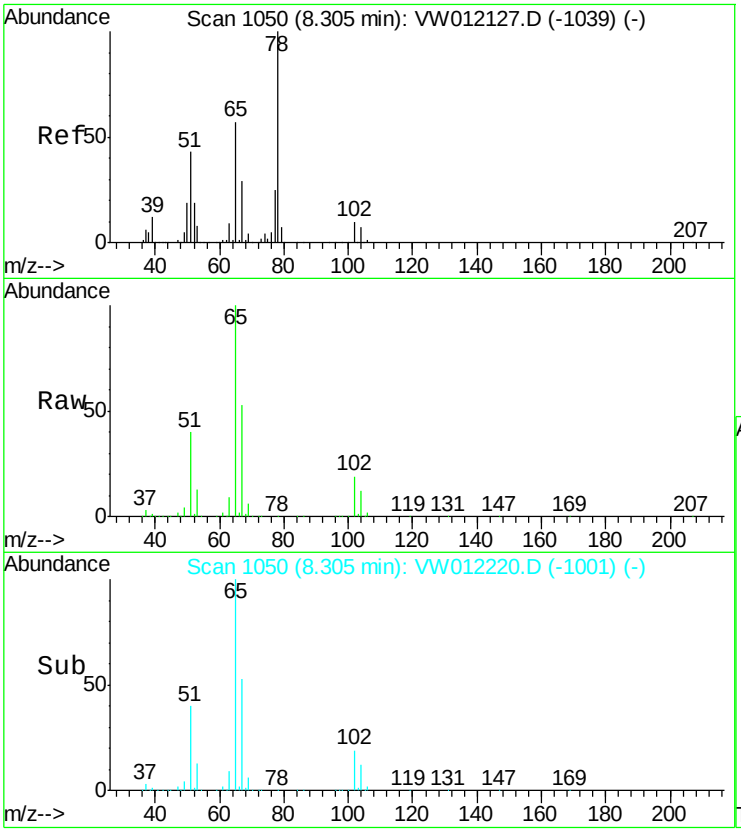


#20
Methylene Chloride
Concen: 10.165 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012220.D
Acq: 27 Aug 2019 18:36

Tgt Ion: 84 Resp: 28323

Ion	Ratio	Lower	Upper
84	100		
49	141.3	117.8	176.8
51	46.6	35.6	53.4
86	62.3	51.2	76.8



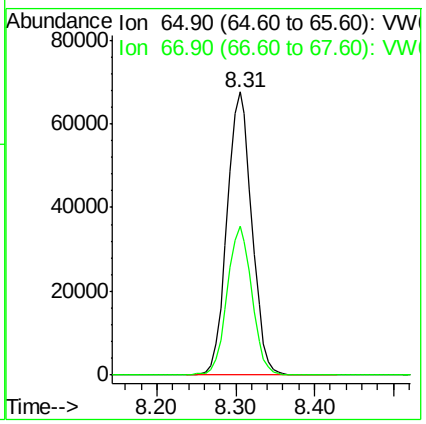


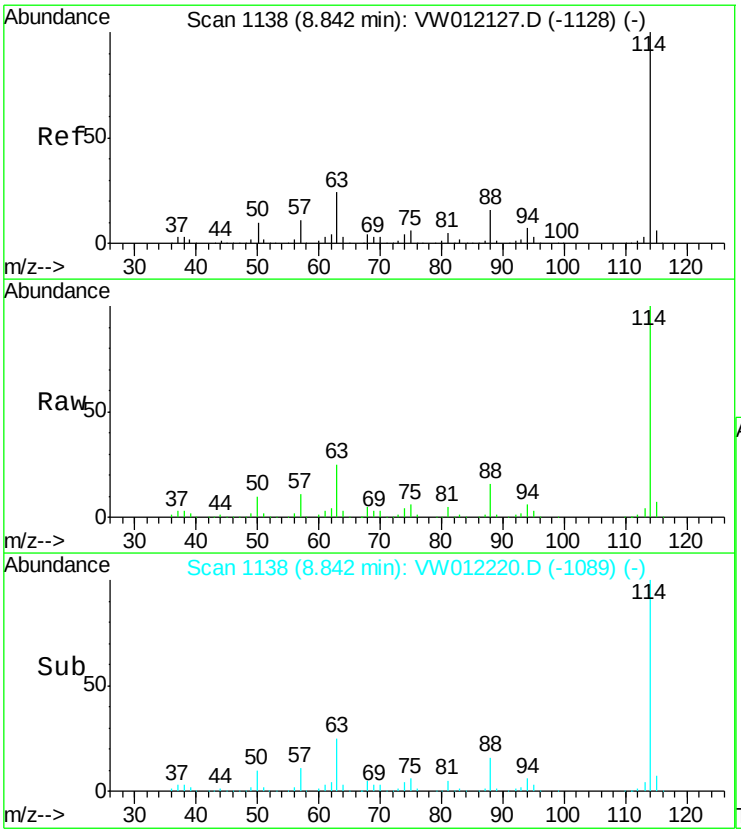
#33
1,2-Dichloroethane-d4
Concen: 51.271 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012220.D
Acq: 27 Aug 2019 18:36

Instrument :
MSVOA_W
ClientSampleId :
PX-16

Tgt Ion: 65 Resp: 147833

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	102.6

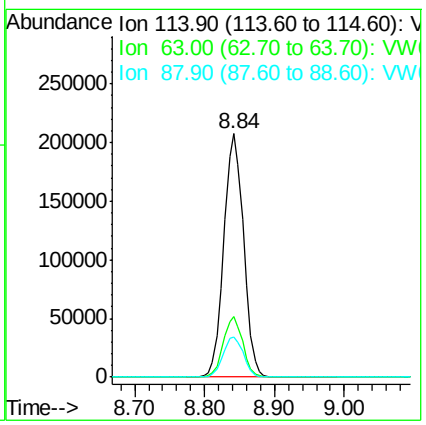


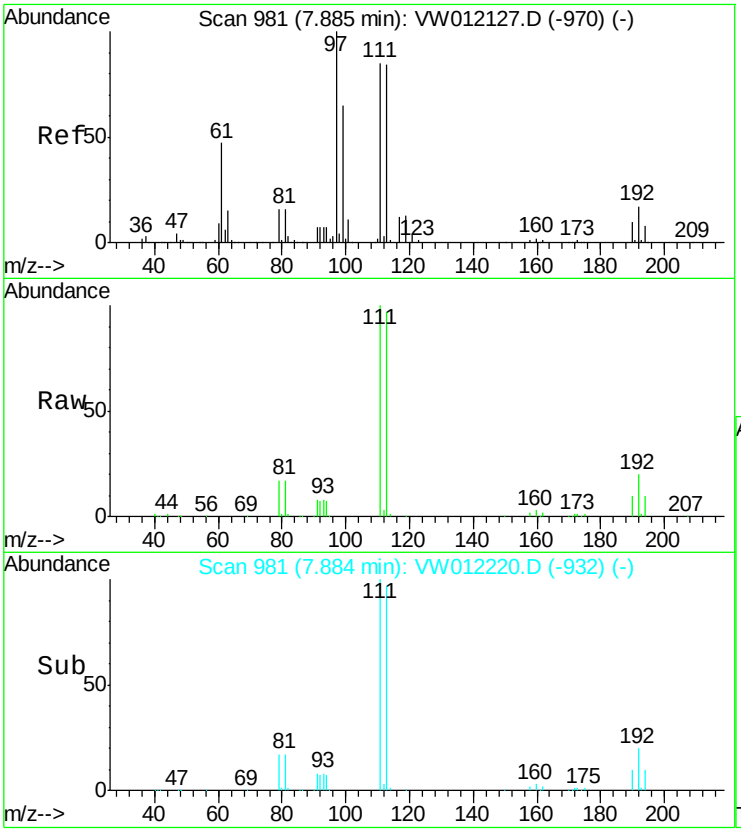


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012220.D
Acq: 27 Aug 2019 18:36

Tgt Ion:114 Resp: 407181

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	48.6
88	16.4	0.0	32.2



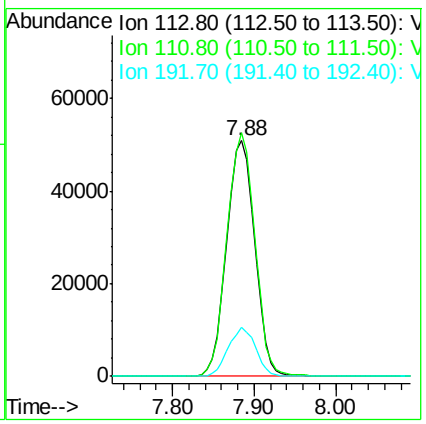


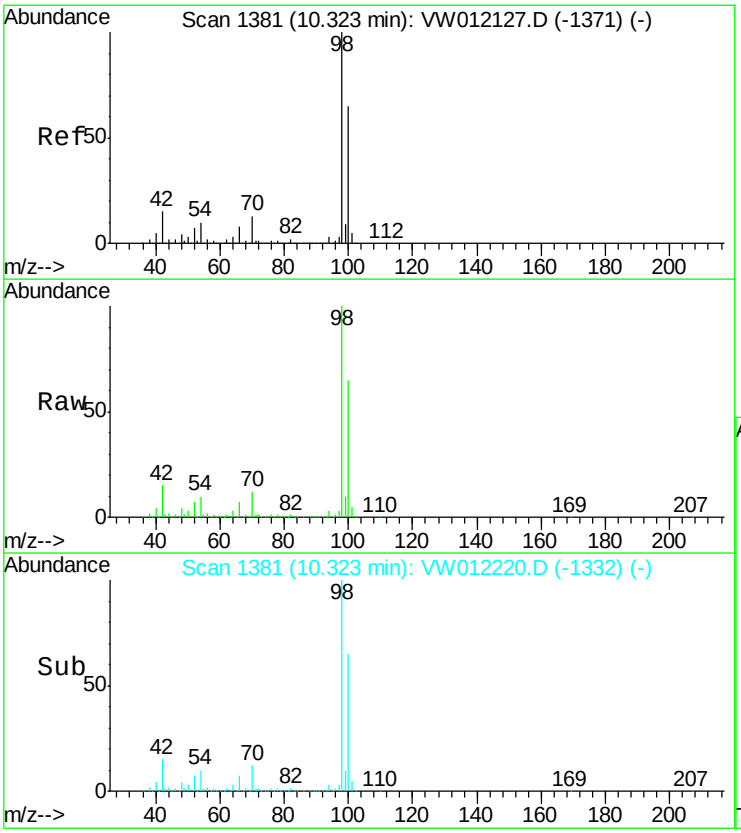
#35
Dibromofluoromethane
Concen: 50.033 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012220.D
Acq: 27 Aug 2019 18:36

Instrument : MSVOA_W
ClientSampleId : PX-16

Tgt Ion:113 Resp: 121605

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.1	16.2	24.2

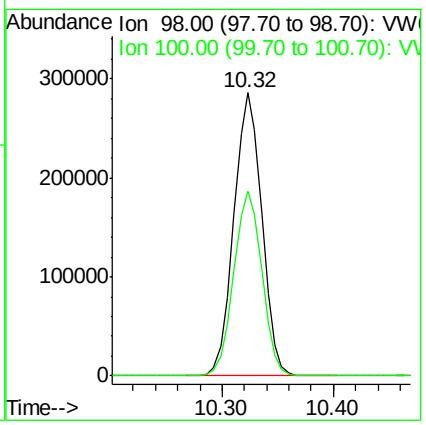


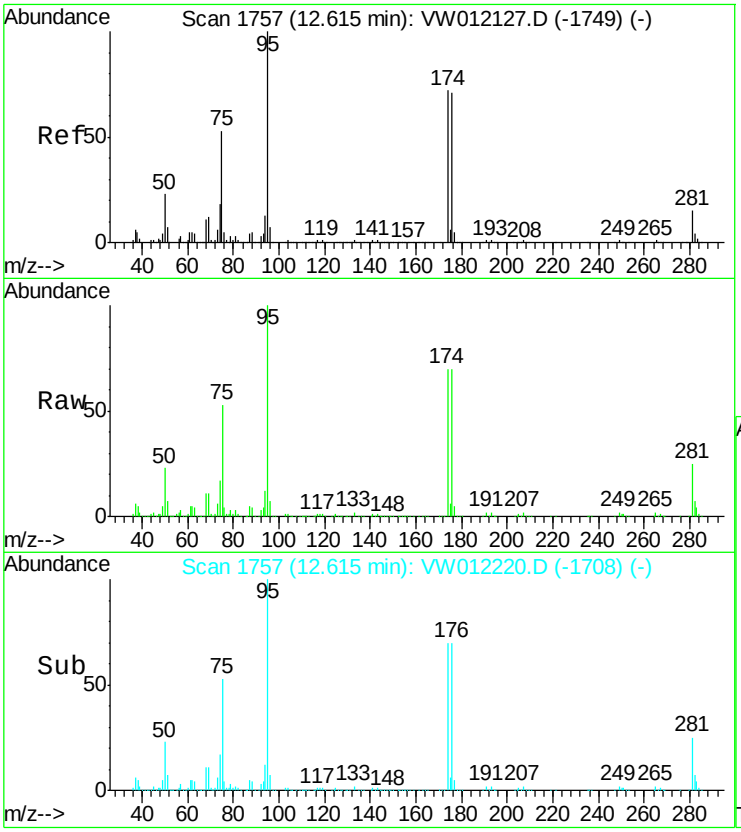


#50
Toluene-d8
Concen: 50.360 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012220.D
Acq: 27 Aug 2019 18:36

Tgt Ion: 98 Resp: 496288

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6



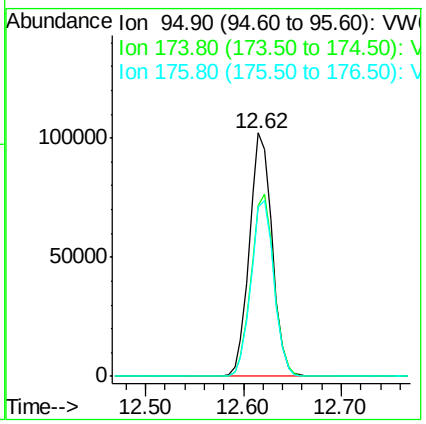


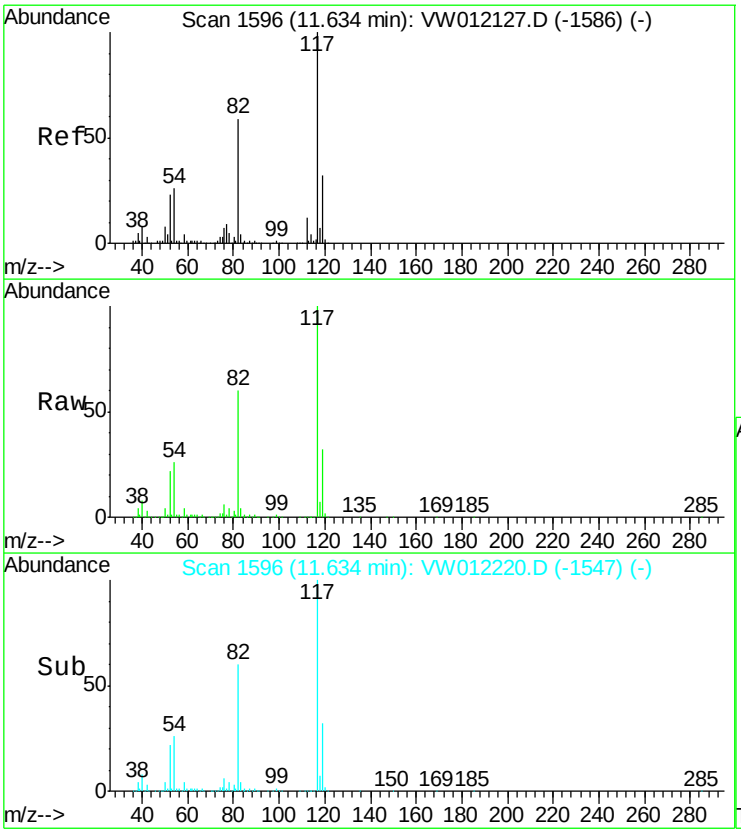
#62
4-Bromofluorobenzene
Concen: 47.372 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012220.D
Acq: 27 Aug 2019 18:36

Instrument : MSVOA_W
ClientSampleId : PX-16

Tgt Ion: 95 Resp: 164563

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	150.8
176	72.9	0.0	148.6

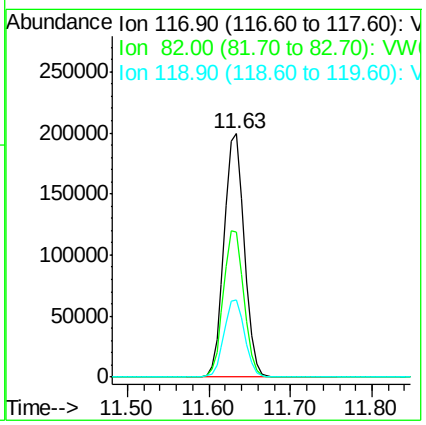


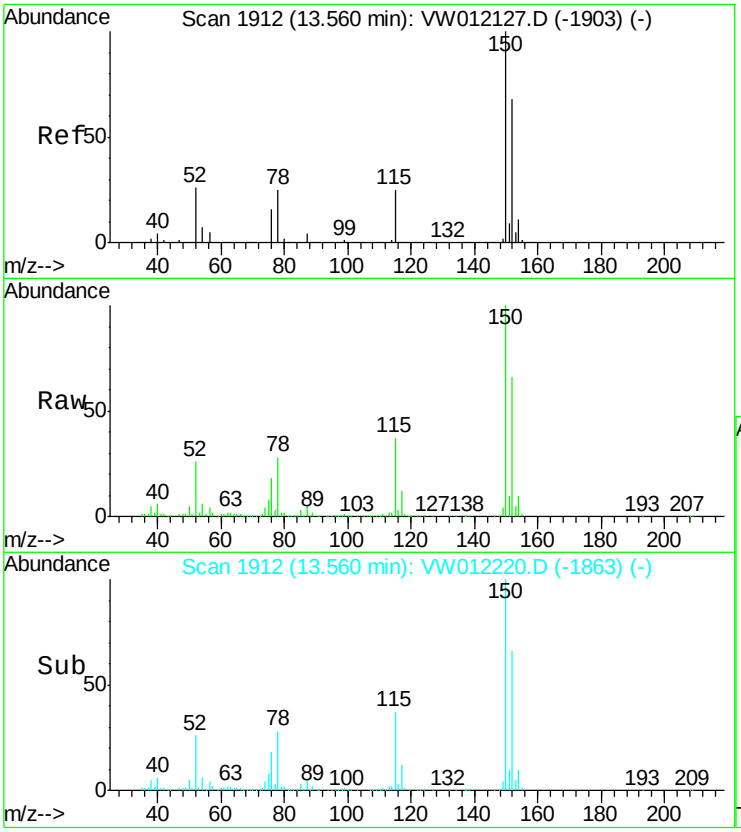


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012220.D
Acq: 27 Aug 2019 18:36

Tgt Ion:117 Resp: 338723

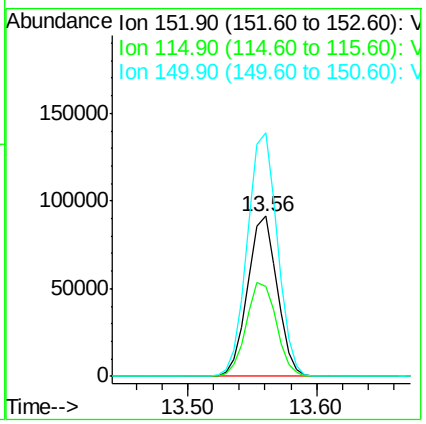
Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.4	71.2
119	31.8	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012220.D
Acq: 27 Aug 2019 18:36

Instrument :
MSVOA_W
ClientSampleId :
PX-16

Tgt Ion:152 Resp: 143641

Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.1	90.3
150	155.1	0.0	345.8