Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
Data File : VW007864.D
Acq On : 23 Dec 2018 00:31
Operator : SY/AP
Sample : J6511-06
Misc : 2.67G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-62(0-5)-GRAB

Quant Time: Dec 24 03:55:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	30406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	52990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	17716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	22723	68.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 136.36%			
35) Dibromofluoromethane	7.88	113	21422	66.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 132.54%			
50) Toluene-d8	10.32	98	43344	35.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.14%			
62) 4-Bromofluorobenzene	12.62	95	3148	6.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 13.38%			
Target Compounds						Qvalue
8) Diethyl Ether	3.68	74	274	2.034	ug/l	77
16) Acetone	4.12	43	1047	16.777	ug/l	92
20) Methylene Chloride	4.91	84	2818	3.117	ug/l #	87
52) Toluene	10.39	92	2245	2.452	ug/l	95
68) m/p-Xylenes	11.84	106	1376	5.391	ug/l	98
69) o-Xylene	12.17	106	353	1.475	ug/l	88
84) 1,2,4-Trimethylbenzene	13.25	105	372	4.207	ug/l	88

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

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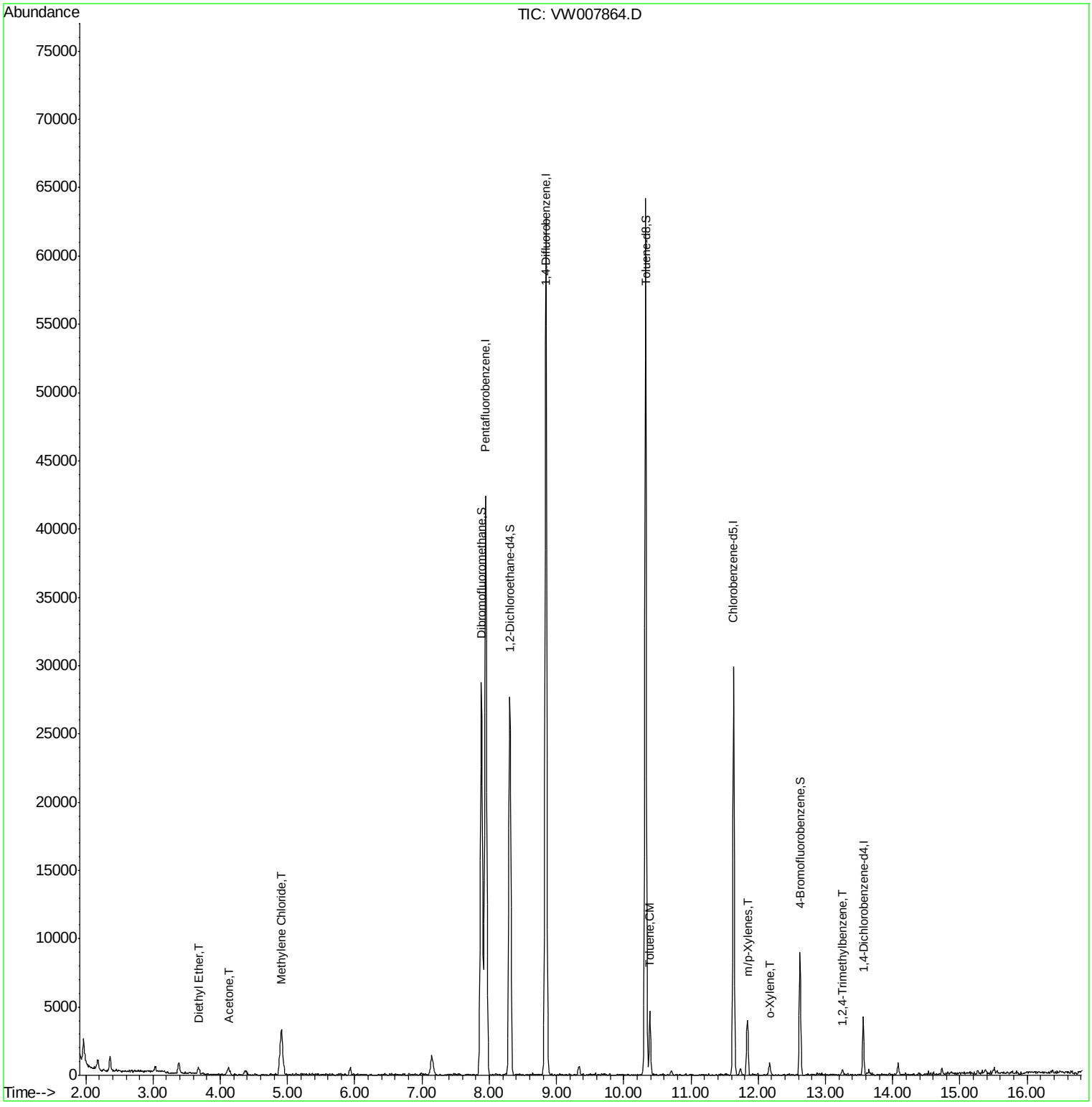
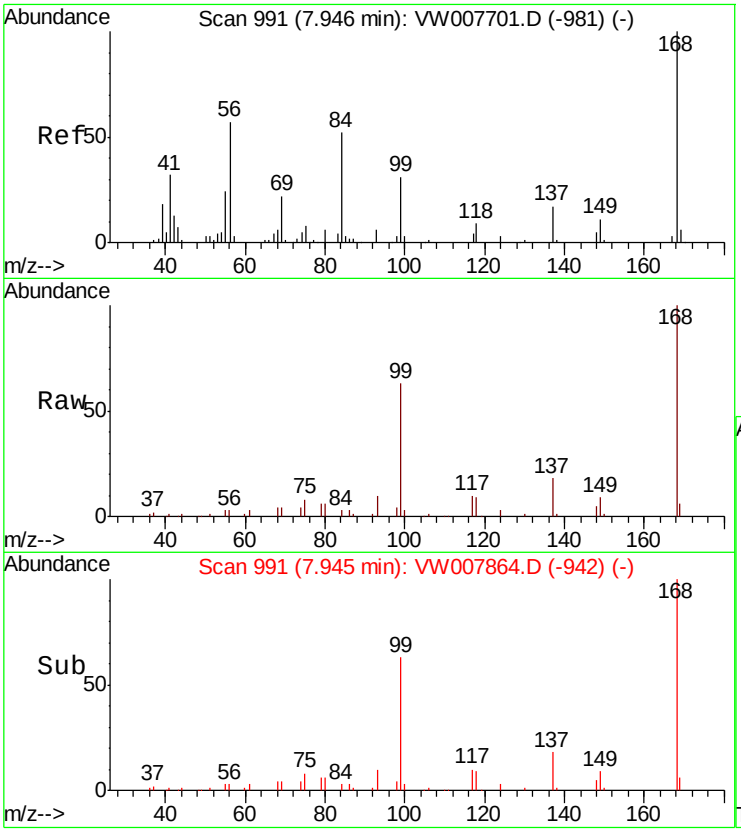


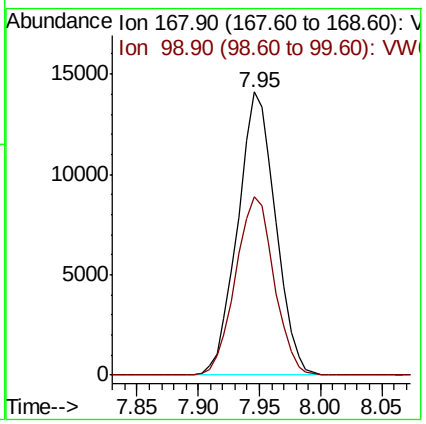


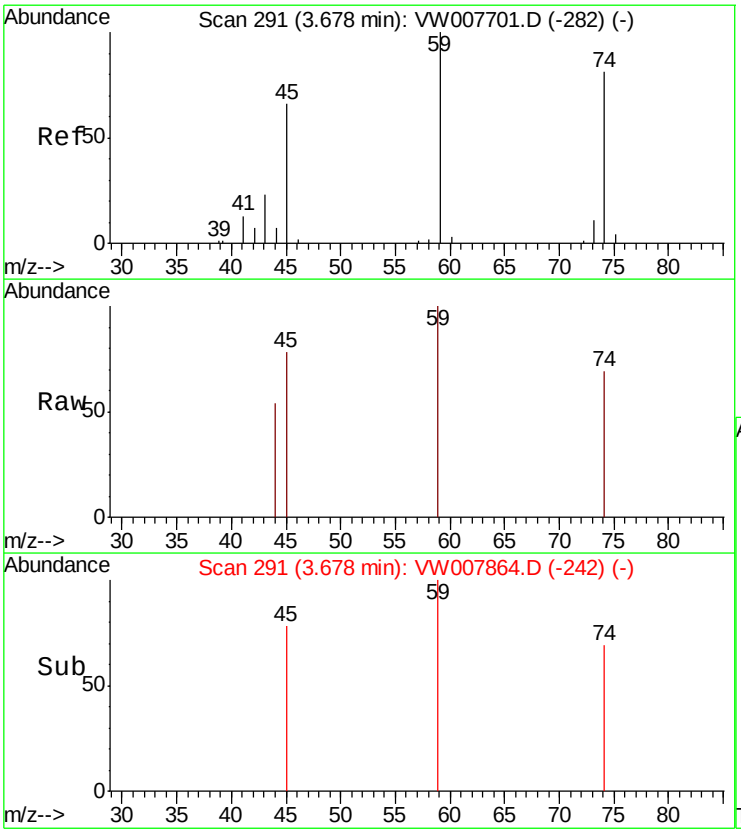
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Instrument : MSVOA_W
ClientSampleId : SB-62(0-5)-GRAB

Tgt Ion:168 Resp: 30406

Ion	Ratio	Lower	Upper
168	100		
99	63.0	54.0	81.0

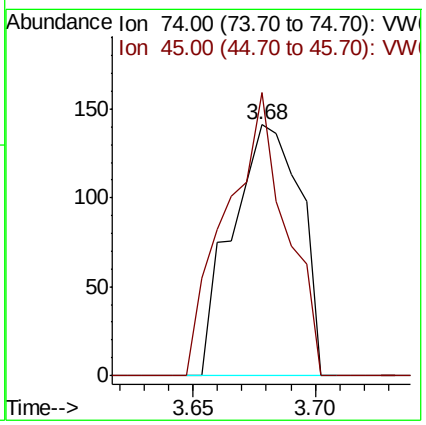


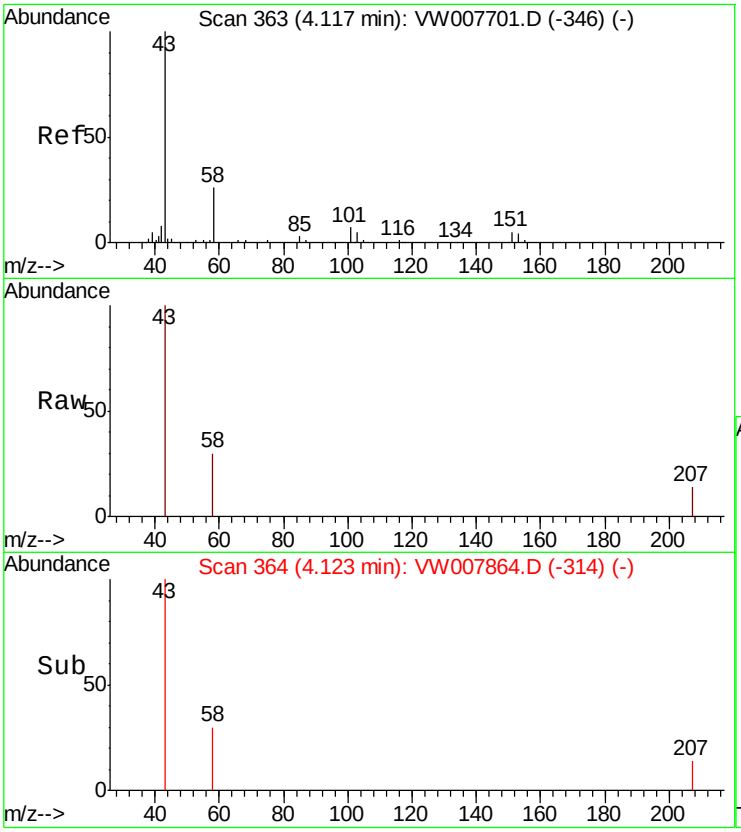


#8
Diethyl Ether
Concen: 2.034 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Tgt Ion: 74 Resp: 274

Ion	Ratio	Lower	Upper
74	100		
45	98.9	39.4	118.1



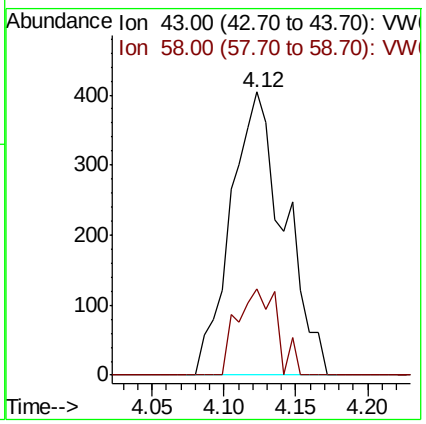


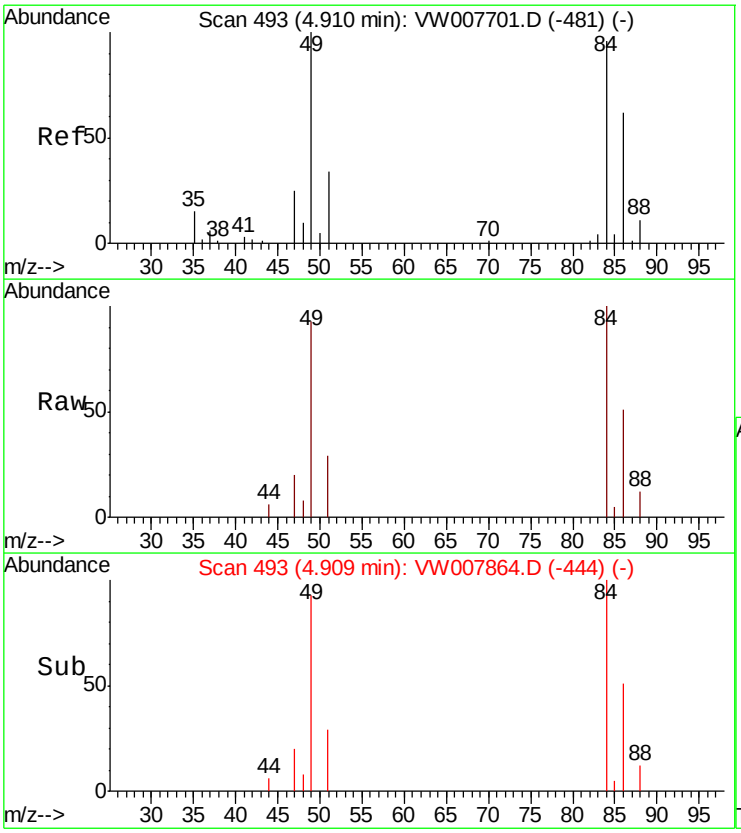
#16
Acetone
Concen: 16.777 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
SB-62(0-5)-GRAB

Tgt Ion: 43 Resp: 1047

Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.2	31.8

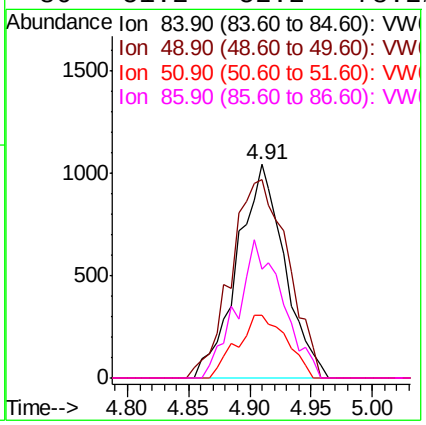


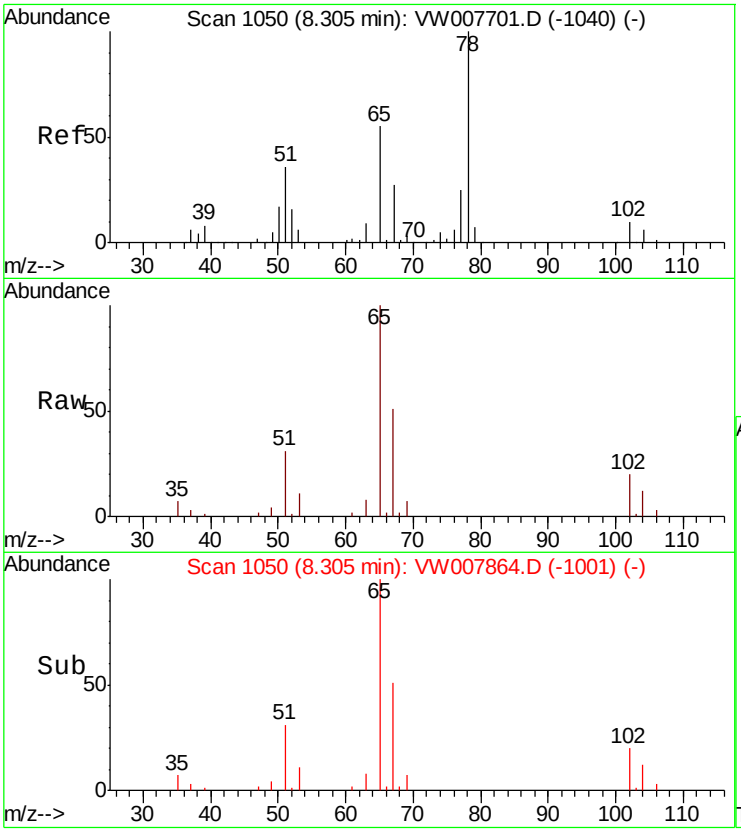


#20
Methylene Chloride
Concen: 3.117 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Tgt Ion: 84 Resp: 2818

Ion	Ratio	Lower	Upper
84	100		
49	93.2	83.7	125.5
51	29.1	28.2	42.2
86	51.2	52.2	78.2#



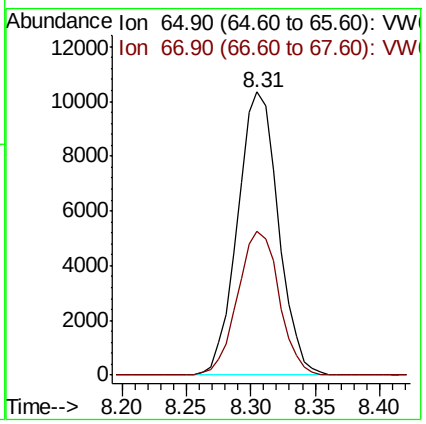


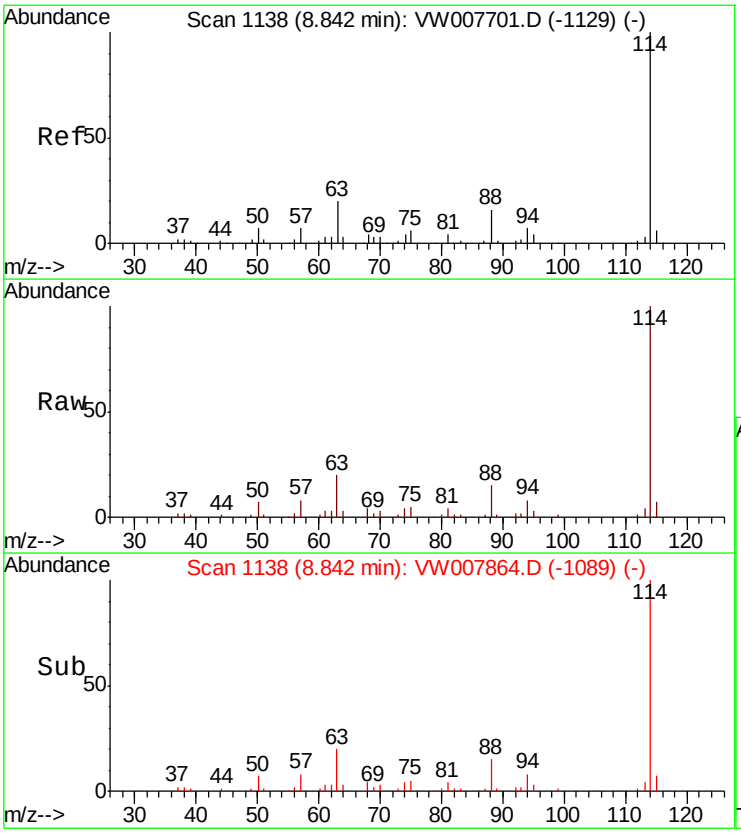
#33
1,2-Dichloroethane-d4
Concen: 68.183 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
SB-62(0-5)-GRAB

Tgt Ion: 65 Resp: 22723

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	100.6

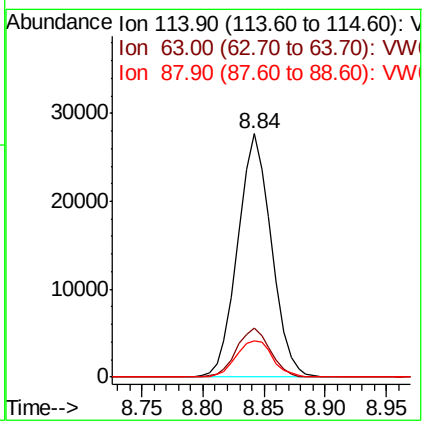


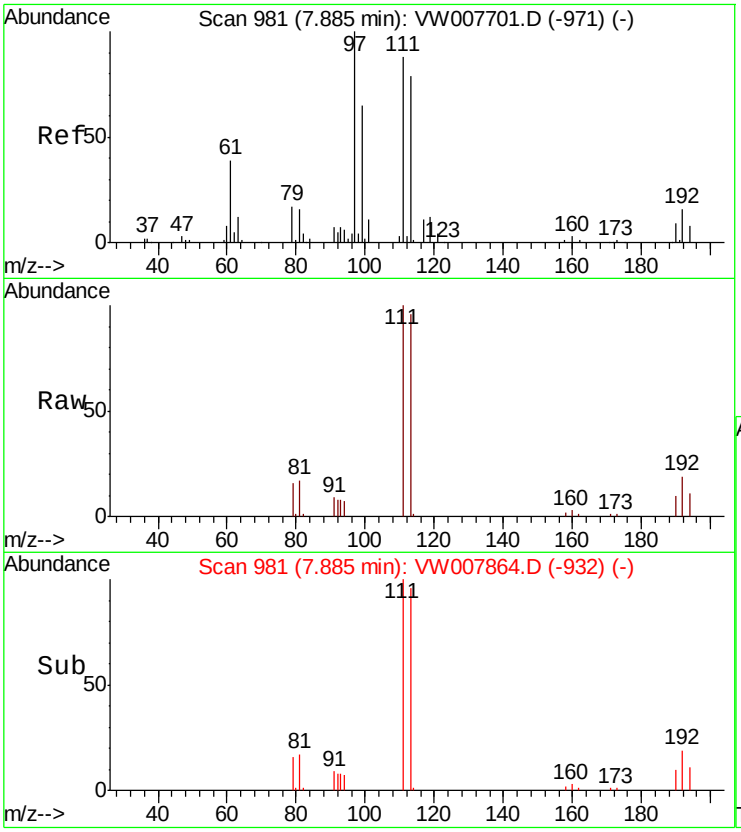


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Tgt Ion:114 Resp: 52990

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.1	0.0	32.6



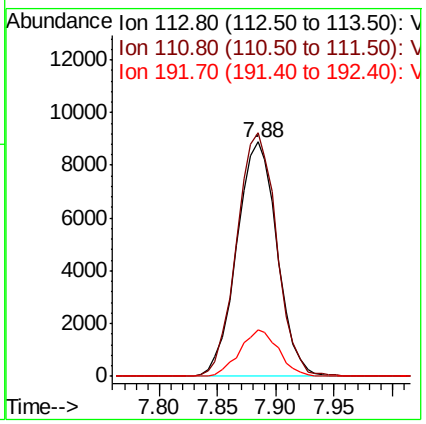


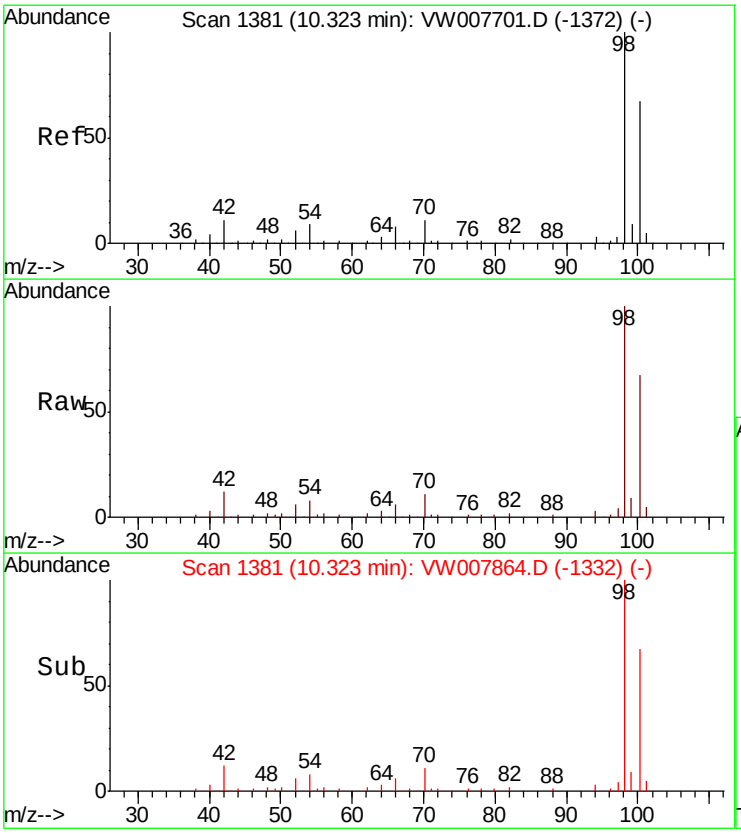
#35
Dibromofluoromethane
Concen: 66.267 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
SB-62(0-5)-GRAB

Tgt Ion:113 Resp: 21422

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	19.1	15.5	23.3

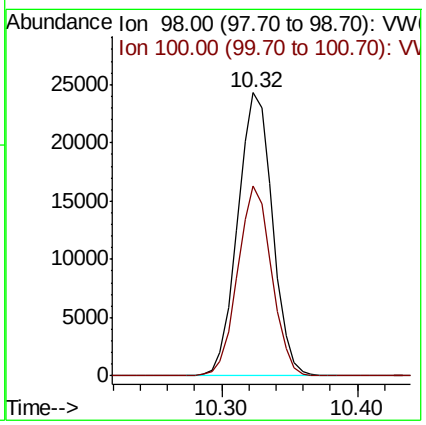


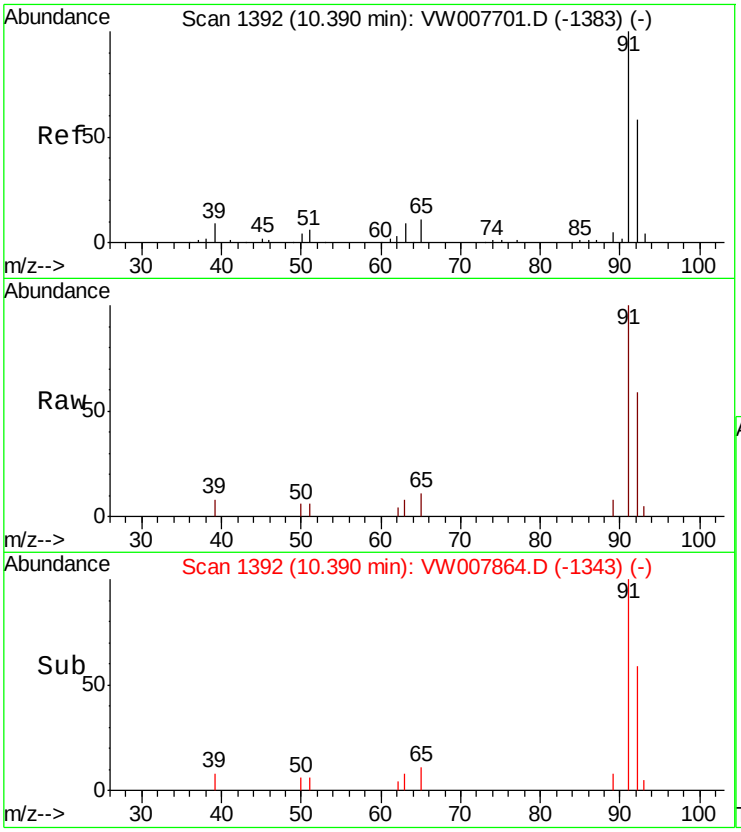


#50
Toluene-d8
Concen: 35.567 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Tgt Ion: 98 Resp: 43344

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2



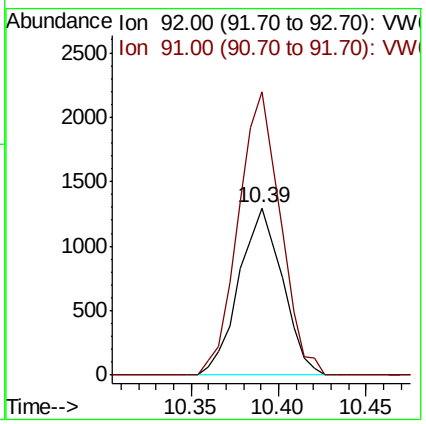


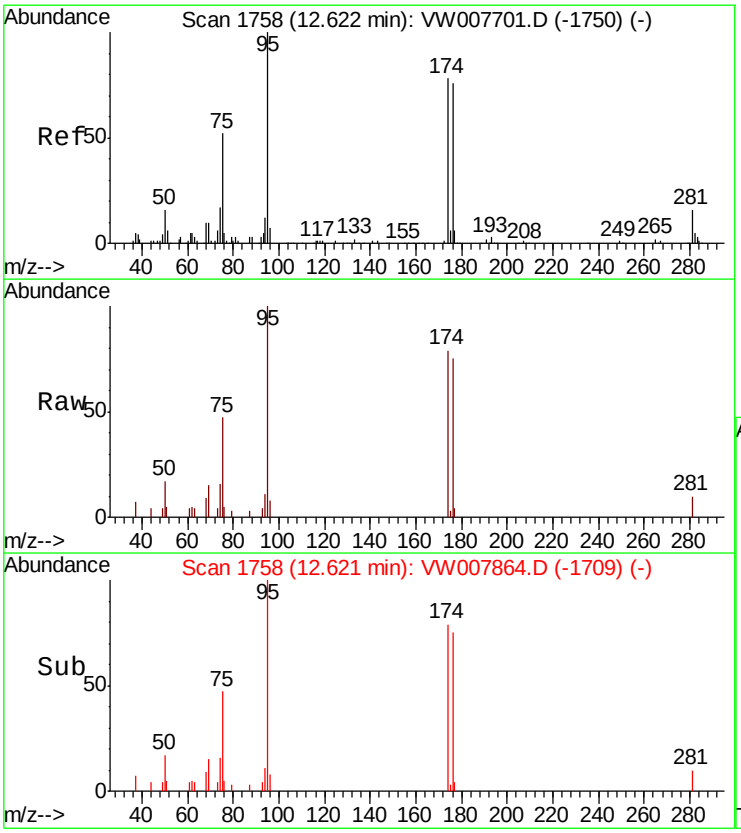
#52
Toluene
Concen: 2.452 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Instrument : MSVOA_W
ClientSampleId : SB-62(0-5)-GRAB

Tgt Ion: 92 Resp: 2245

Ion	Ratio	Lower	Upper
92	100		
91	163.8	137.0	205.4

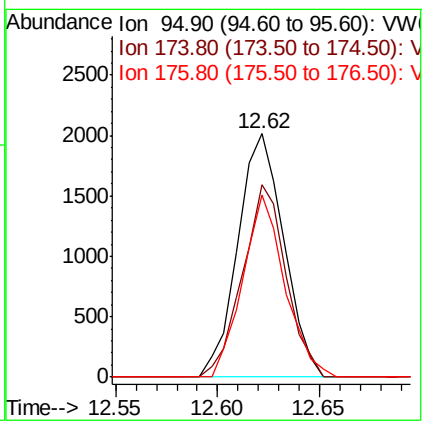


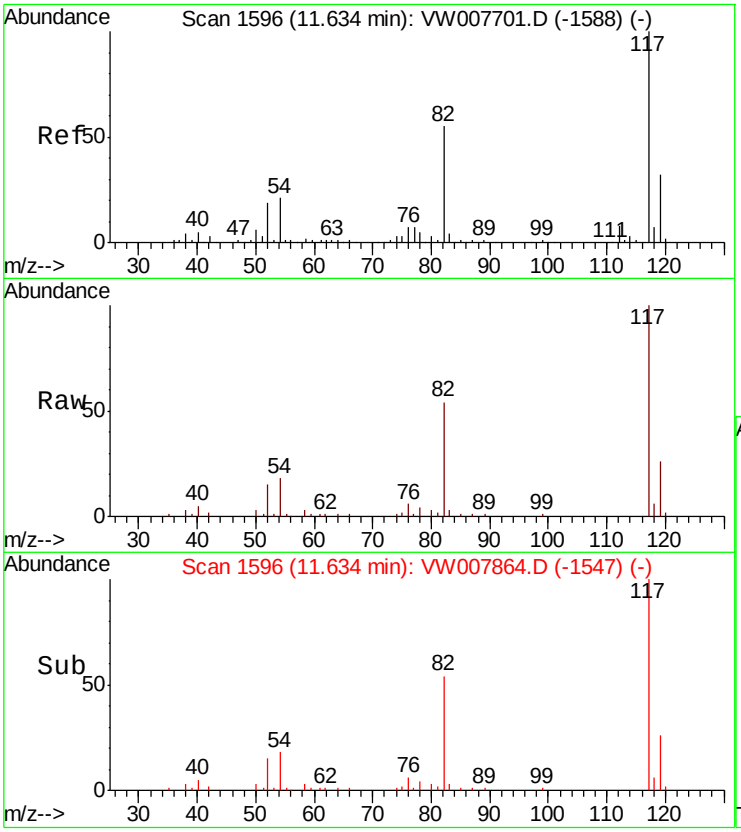


#62
4-Bromofluorobenzene
Concen: 6.687 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Tgt Ion: 95 Resp: 3148

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	152.2
176	68.5	0.0	146.8



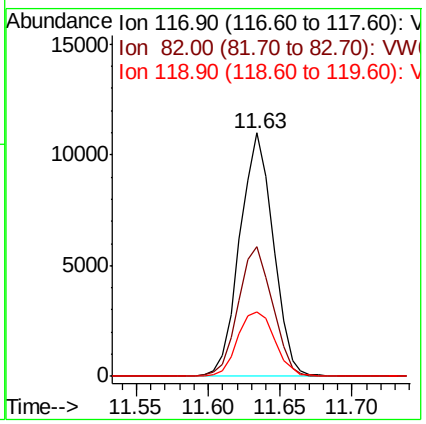


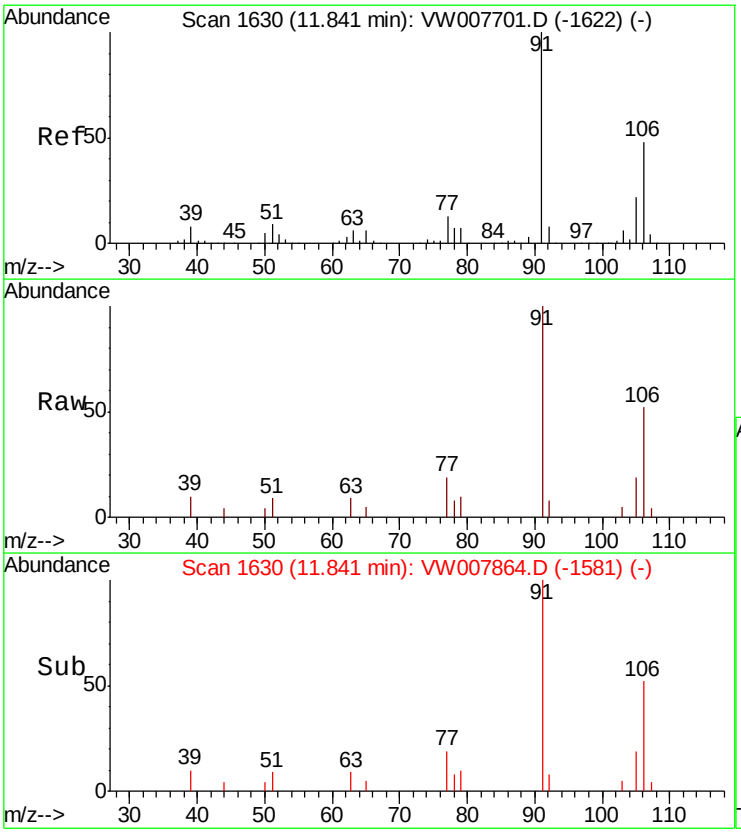
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Instrument : MSVOA_W
ClientSampleId : SB-62(0-5)-GRAB

Tgt Ion:117 Resp: 17716

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.3	66.5
119	26.3	25.7	38.5

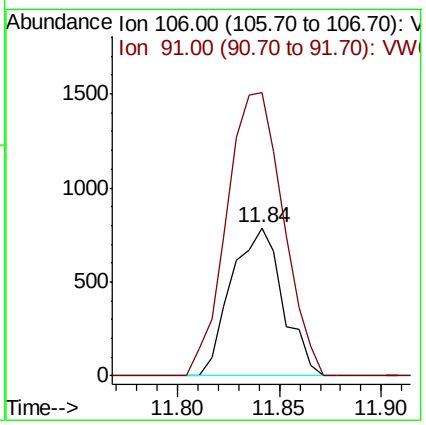


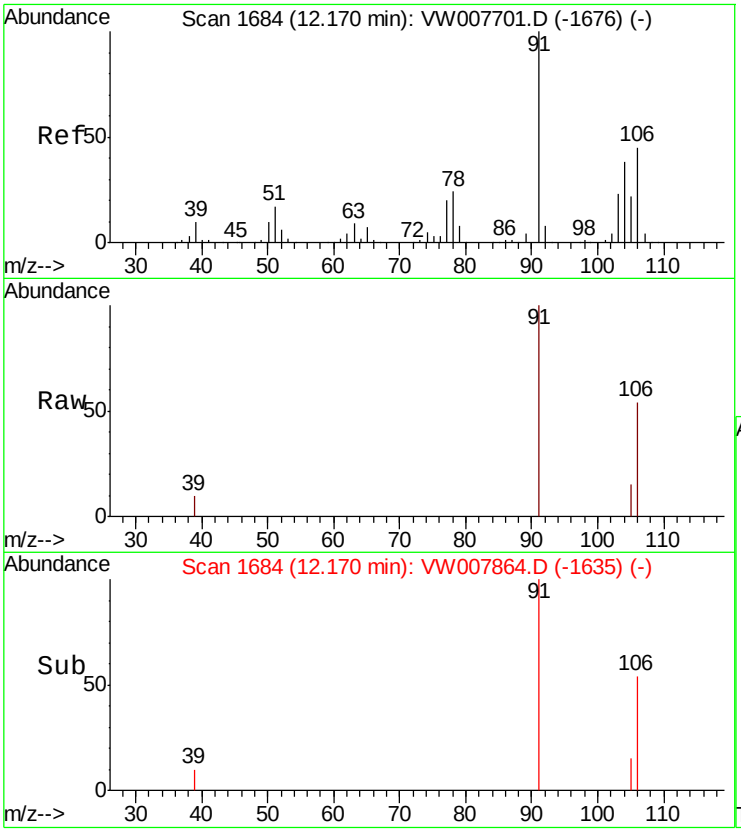


#68
m/p-Xylenes
Concen: 5.391 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Tgt Ion:106 Resp: 1376

Ion	Ratio	Lower	Upper
106	100		
91	210.3	165.2	247.8



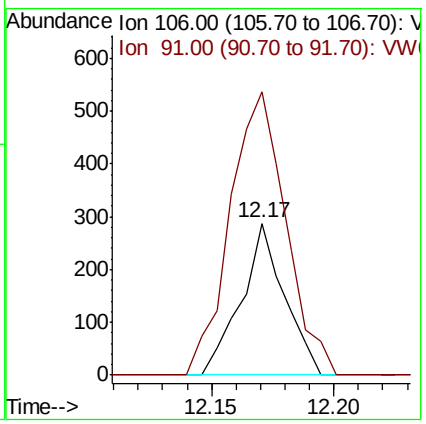


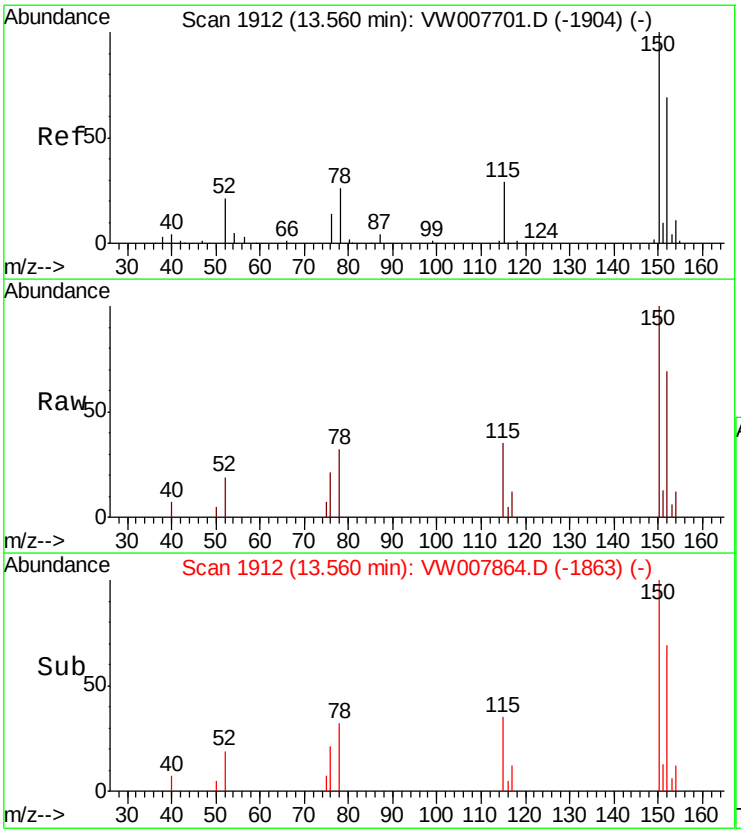
#69
o-Xylene
Concen: 1.475 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Instrument : MSVOA_W
ClientSampleId : SB-62(0-5)-GRAB

Tgt Ion:106 Resp: 353

Ion	Ratio	Lower	Upper
106	100		
91	240.8	110.5	331.4

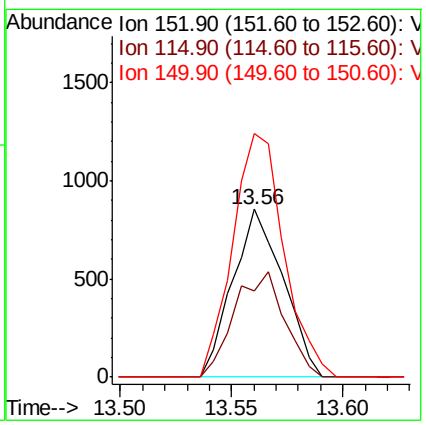


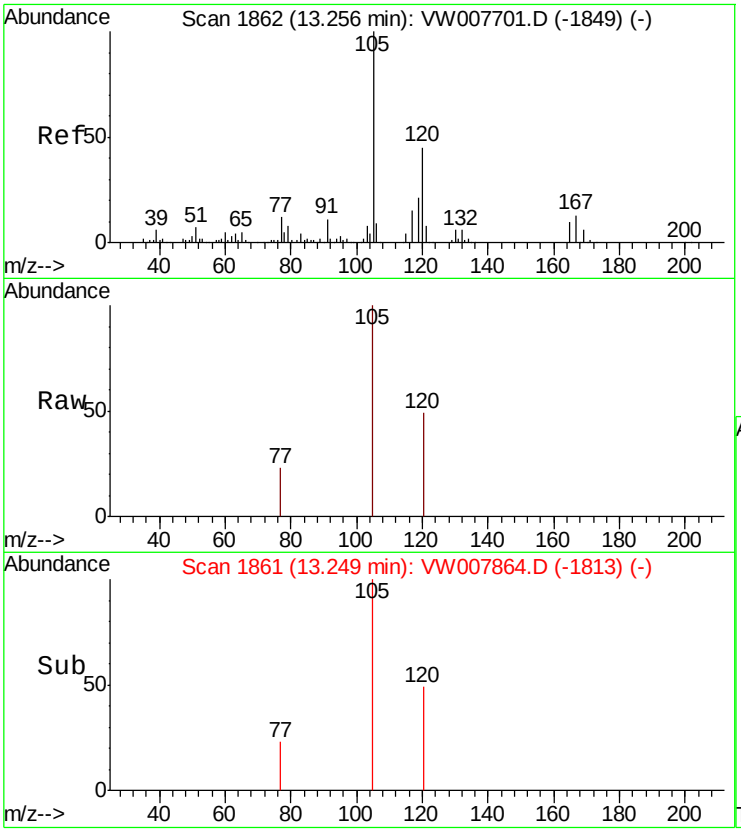


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Tgt Ion:152 Resp: 1344

Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.8	95.4
150	148.0	0.0	350.8





#84
1,2,4-Trimethylbenzene
Concen: 4.207 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW007864.D
Acq: 23 Dec 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
SB-62(0-5)-GRAB

Tgt Ion:105 Resp: 372

Ion	Ratio	Lower	Upper
105	100		
120	36.0	22.0	66.0