Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007792.D
Acq On : 21 Dec 2018 13:34
Operator : SY/AP
Sample : J6426-04
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-DS001-02

Quant Time: Dec 21 17:03:01 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	25590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	46616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	15316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	25636	91.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 182.80%			
35) Dibromofluoromethane	7.88	113	19254	67.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 135.40%			
50) Toluene-d8	10.32	98	18699	17.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 34.88%			
62) 4-Bromofluorobenzene	12.62	95	4679	11.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 22.60%			
Target Compounds						Qvalue
16) Acetone	4.12	43	2796	53.235	ug/l #	88
18) Methyl Acetate	4.67	43	1596	12.777	ug/l #	81
20) Methylene Chloride	4.90	84	3291	7.122	ug/l #	85
52) Toluene	10.38	92	2389	2.966	ug/l	99
67) Ethyl Benzene	11.73	91	982	1.726	ug/l	99
68) m/p-Xylenes	11.84	106	1583	7.174	ug/l	100
69) o-Xylene	12.17	106	730	3.529	ug/l	83
80) 1,3,5-Trimethylbenzene	12.94	105	1638	7.063	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	3632	15.520	ug/l	96
85) sec-Butylbenzene	13.39	105	1036	3.694	ug/l	88
86) p-Isopropyltoluene	13.50	119	648	2.541	ug/l	95
95) Naphthalene	15.37	128	3200	22.763	ug/l	96

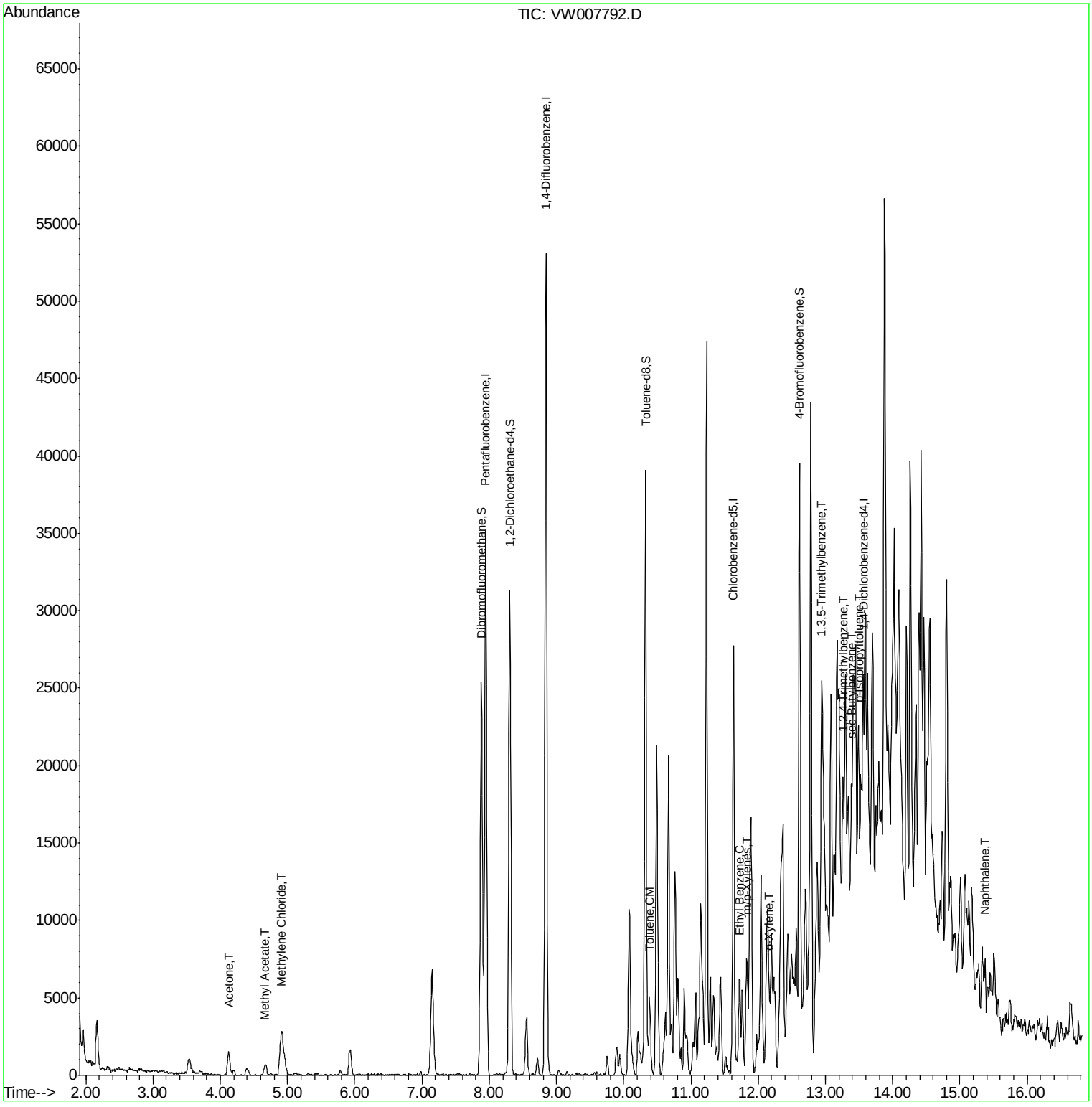
(#) = qualifier out of range (m) = manual integration (+) = signals summed

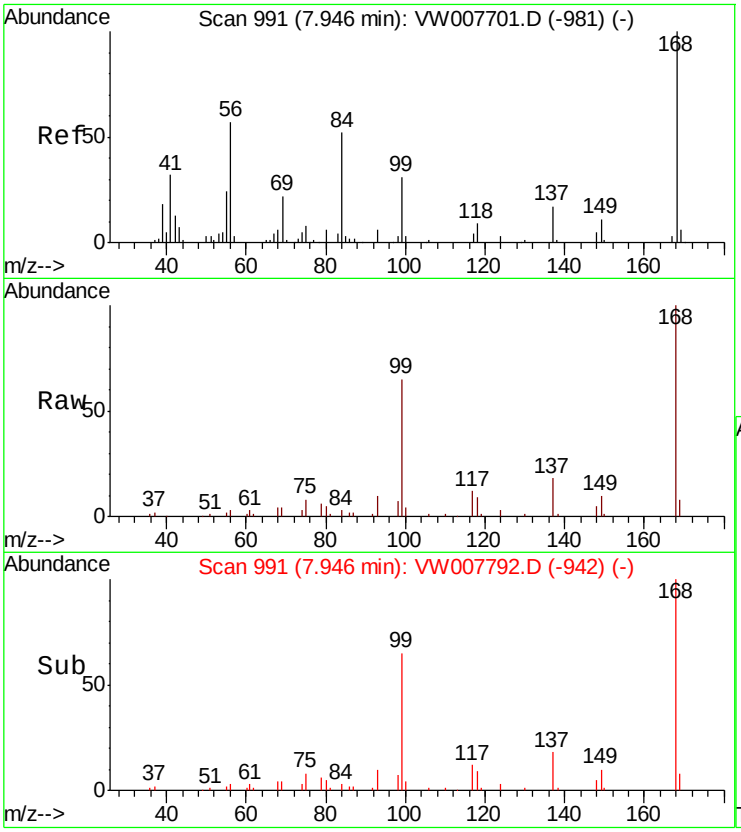
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007792.D
Acq On : 21 Dec 2018 13:34
Operator : SY/AP
Sample : J6426-04
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-DS001-02

Quant Time: Dec 21 17:03:01 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



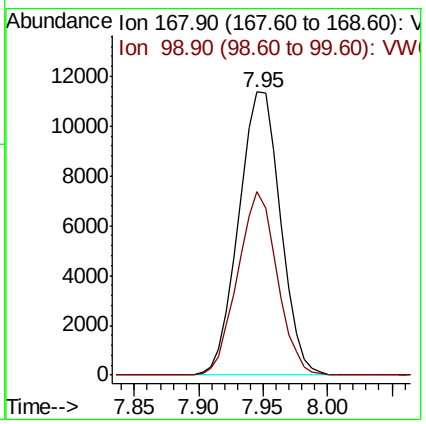


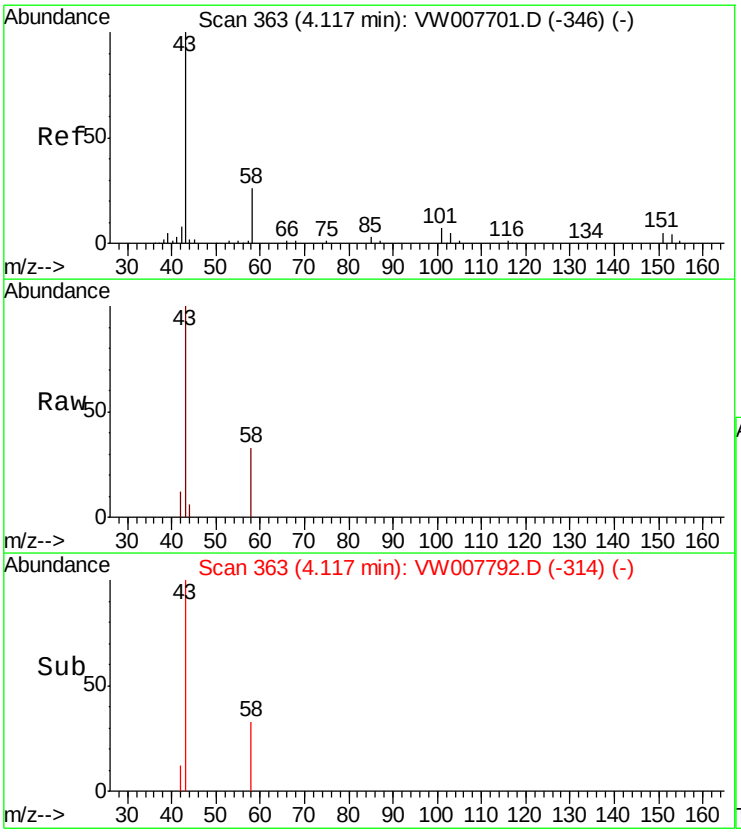
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
P001-DS001-02

Tgt Ion:168 Resp: 25590

Ion	Ratio	Lower	Upper
168	100		
99	65.0	54.0	81.0

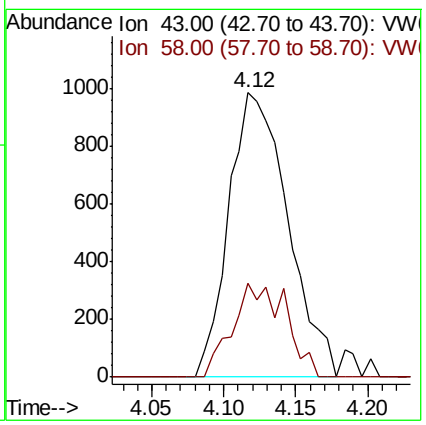


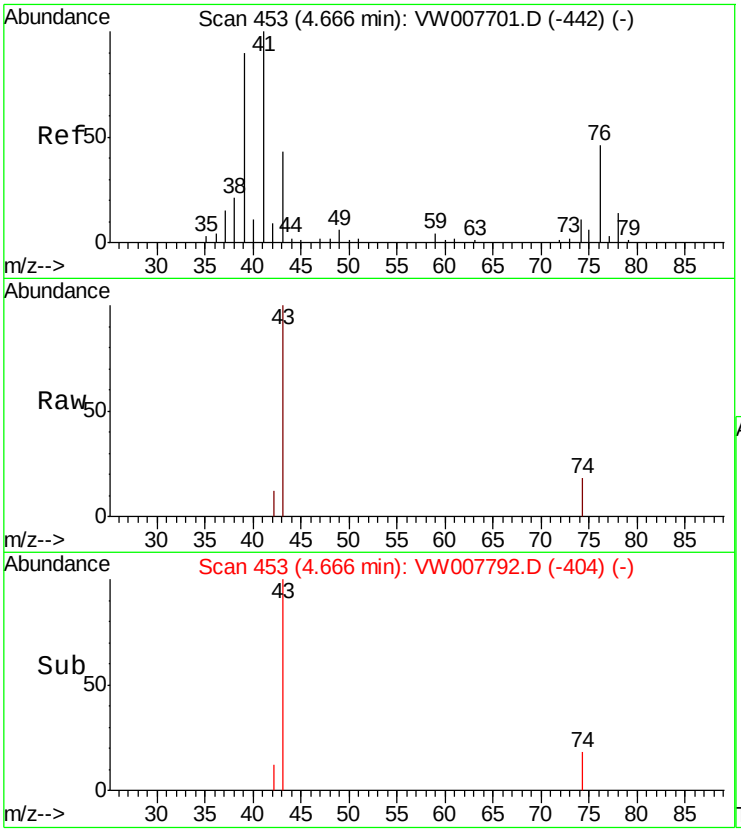


#16
Acetone
Concen: 53.235 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion: 43 Resp: 2796

Ion	Ratio	Lower	Upper
43	100		
58	32.9	21.2	31.8#



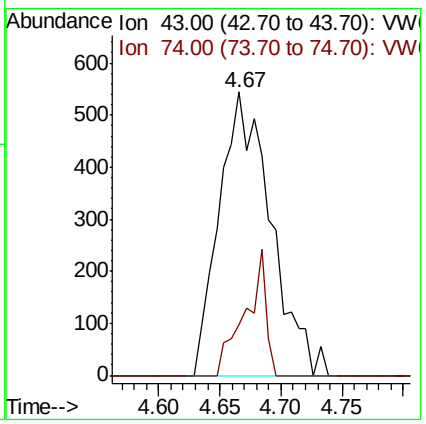


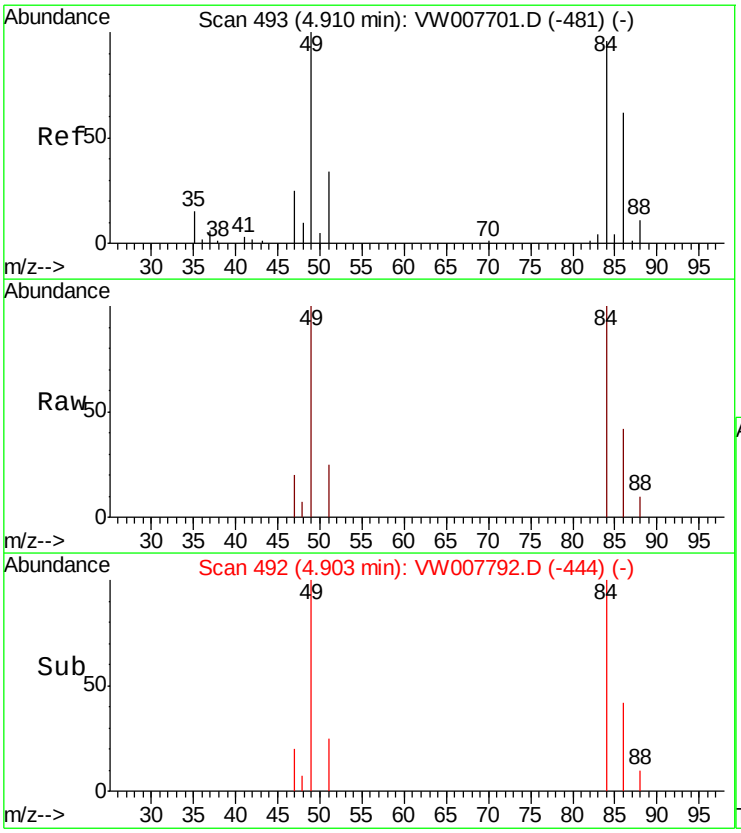
#18
Methyl Acetate
Concen: 12.777 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument : MSVOA_W
ClientSampleId : P001-DS001-02

Tgt Ion: 43 Resp: 1596

Ion	Ratio	Lower	Upper
43	100		
74	18.2	22.7	34.1#

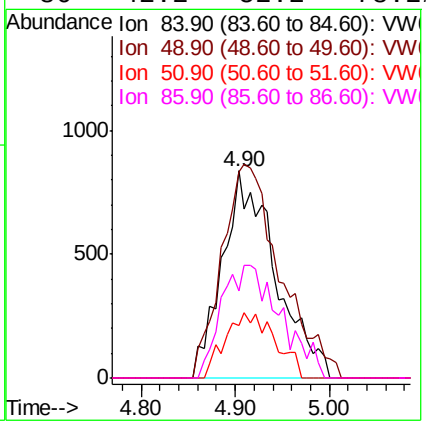


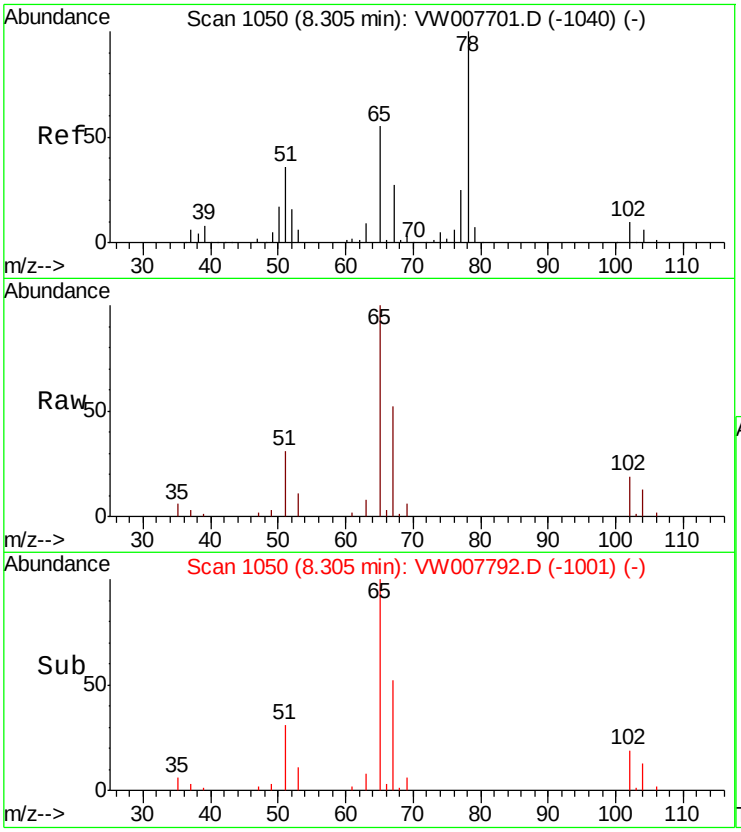


#20
Methylene Chloride
Concen: 7.122 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion: 84 Resp: 3291

Ion	Ratio	Lower	Upper
84	100		
49	99.8	83.7	125.5
51	25.2	28.2	42.2#
86	42.2	52.2	78.2#



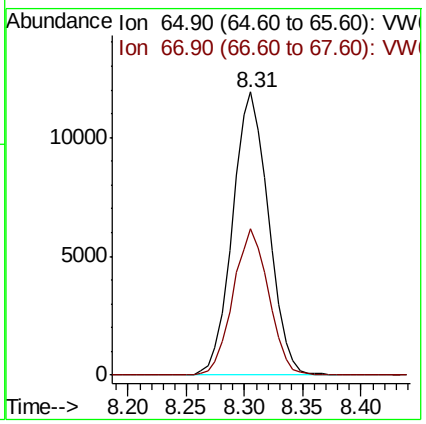


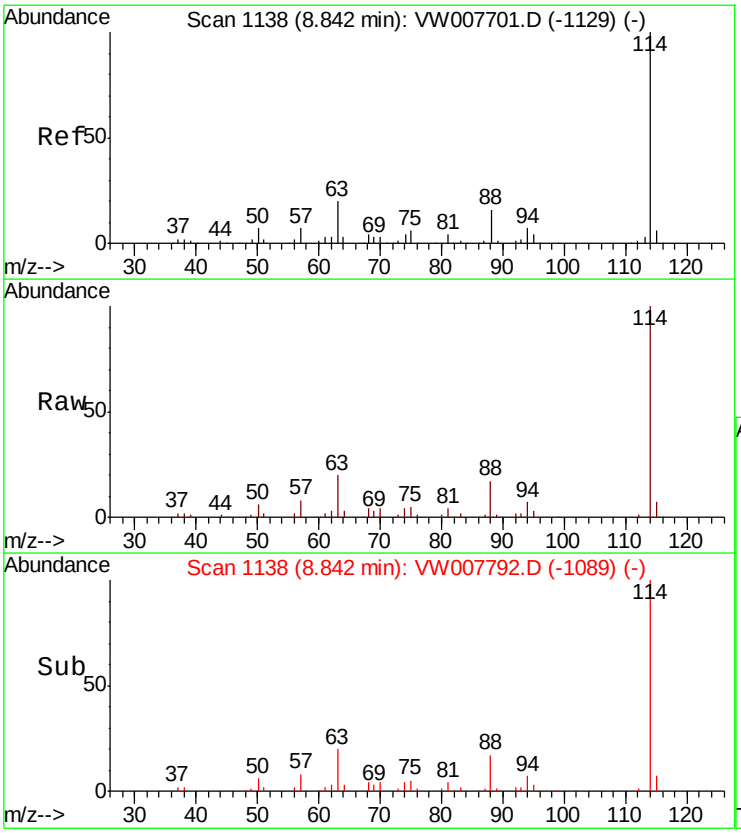
#33
1,2-Dichloroethane-d4
Concen: 91.401 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument : MSVOA_W
ClientSampleId : P001-DS001-02

Tgt Ion: 65 Resp: 25636

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	100.6

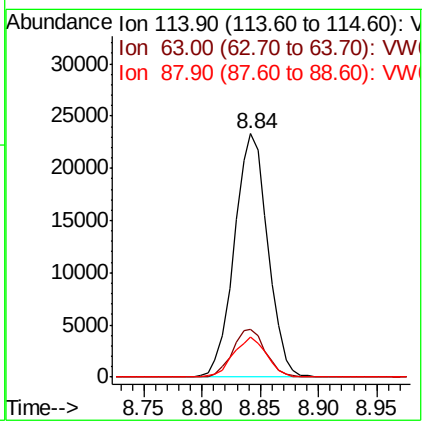


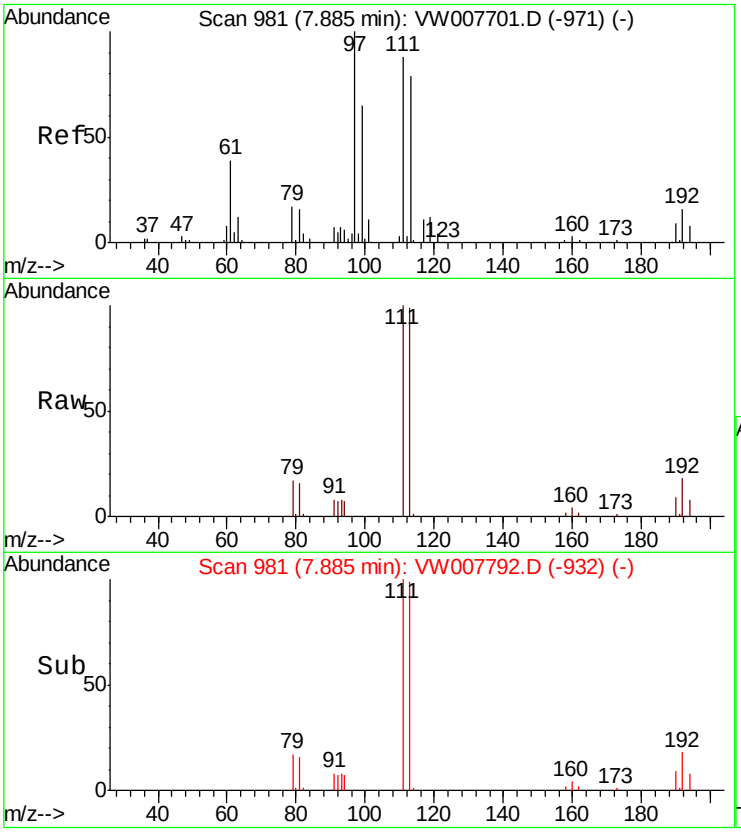


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion:114 Resp: 46616

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	16.5	0.0	32.6



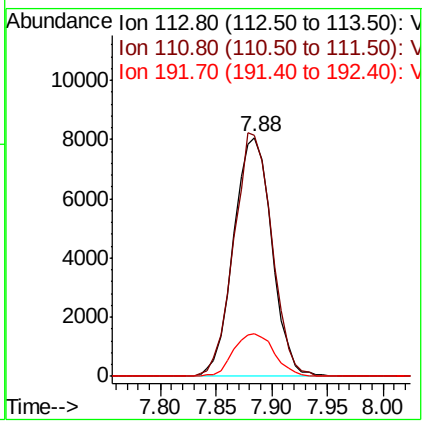


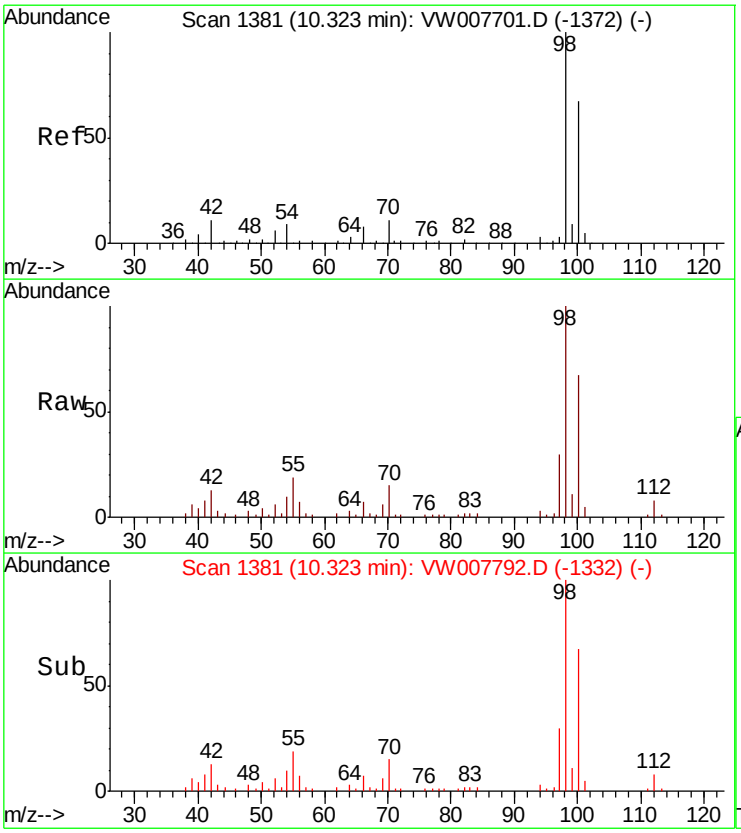
#35
Dibromofluoromethane
Concen: 67.705 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
P001-DS001-02

Tgt Ion:113 Resp: 19254

Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.6	124.0
192	19.0	15.5	23.3

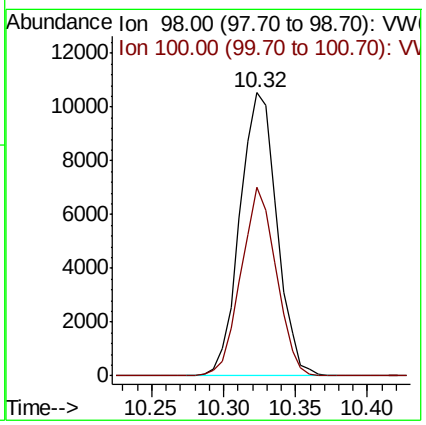


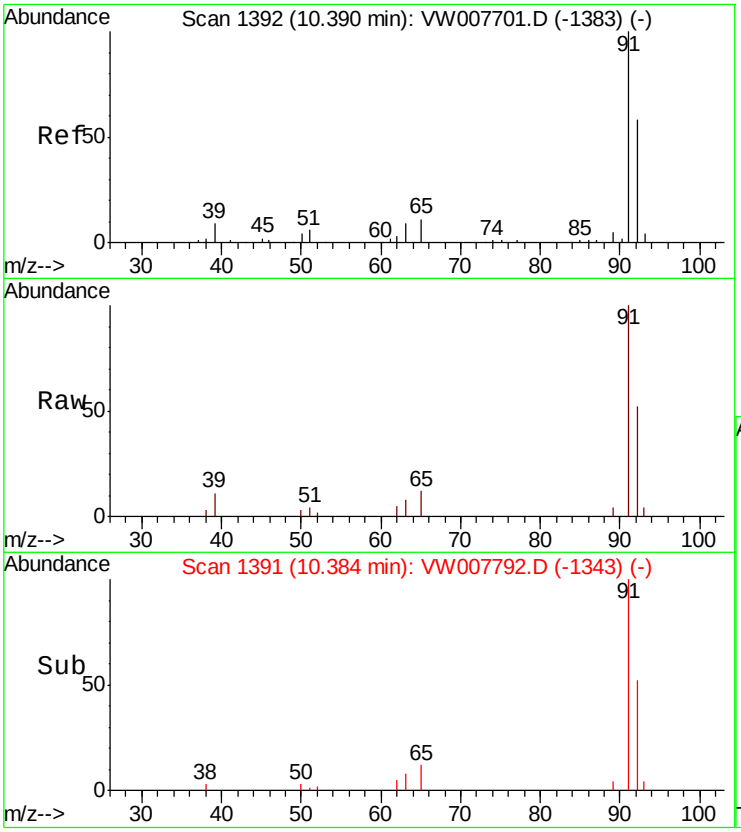


#50
Toluene-d8
Concen: 17.442 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion: 98 Resp: 18699

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.2	78.2



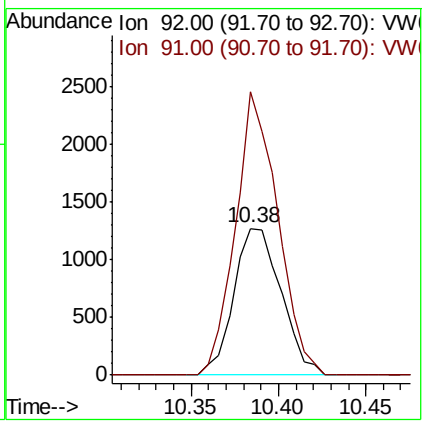


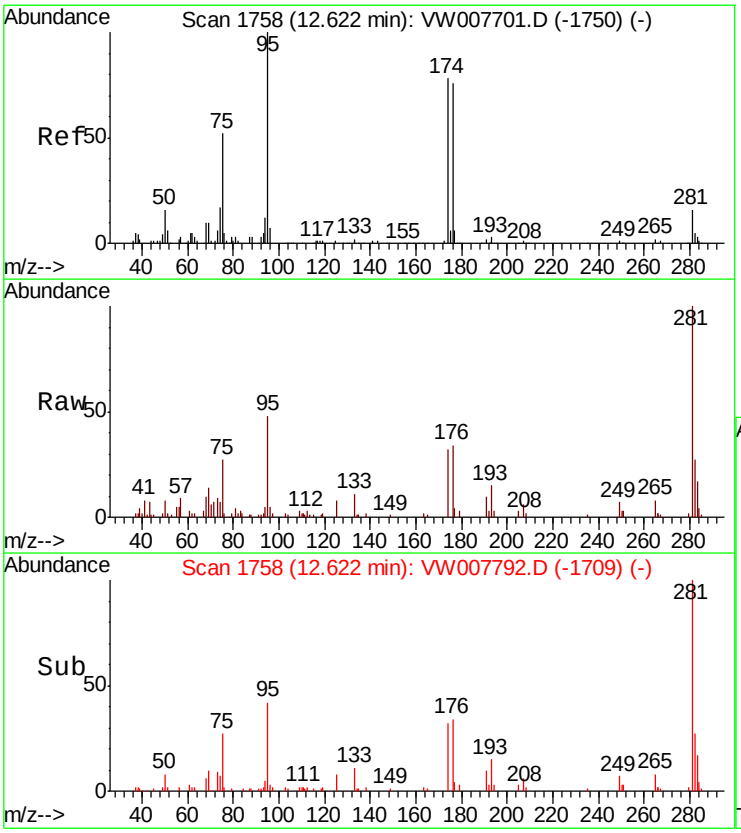
#52
Toluene
Concen: 2.966 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument : MSVOA_W
ClientSampleId : P001-DS001-02

Tgt Ion: 92 Resp: 2389

Ion	Ratio	Lower	Upper
92	100		
91	172.3	137.0	205.4

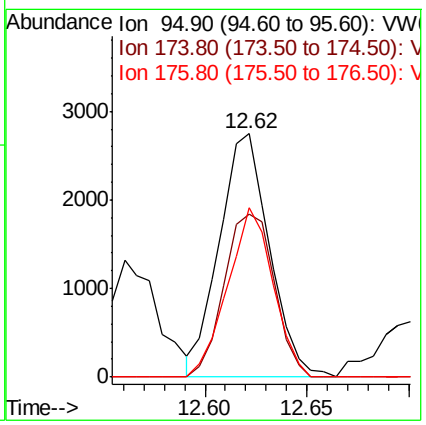


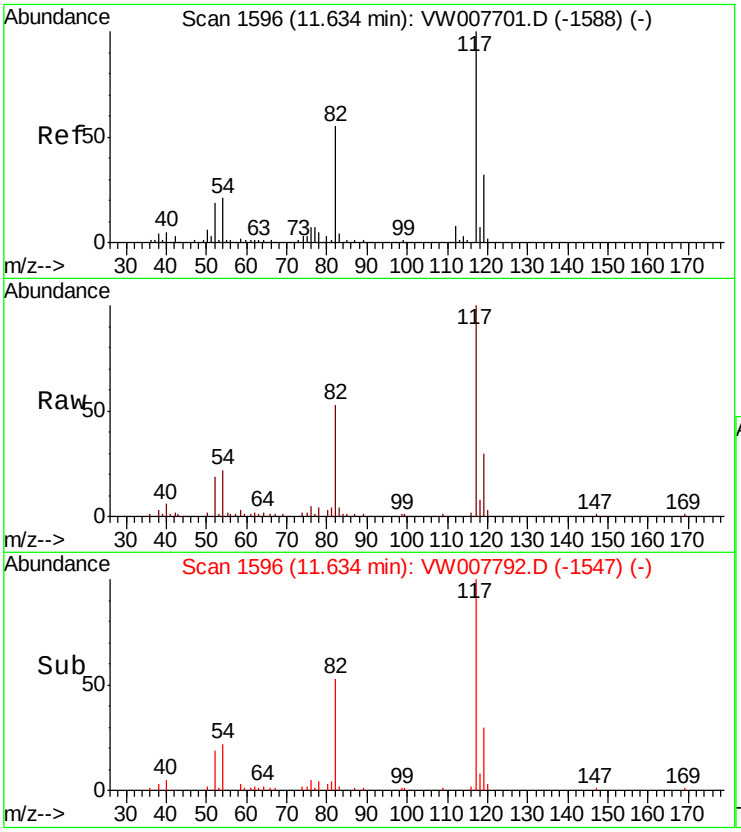


#62
4-Bromofluorobenzene
Concen: 11.297 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion: 95 Resp: 4679

Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	152.2
176	62.8	0.0	146.8



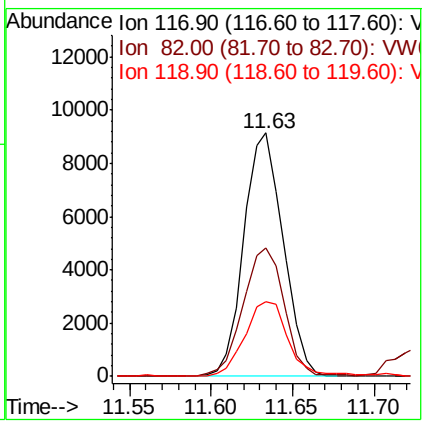


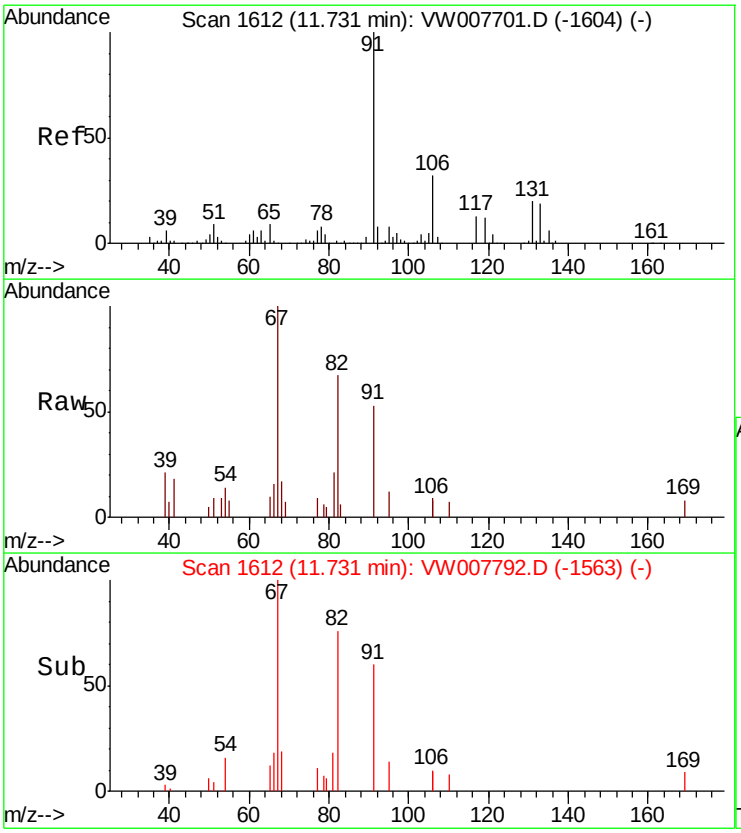
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument : MSVOA_W
ClientSampleId : P001-DS001-02

Tgt Ion:117 Resp: 15316

Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.3	66.5
119	30.5	25.7	38.5

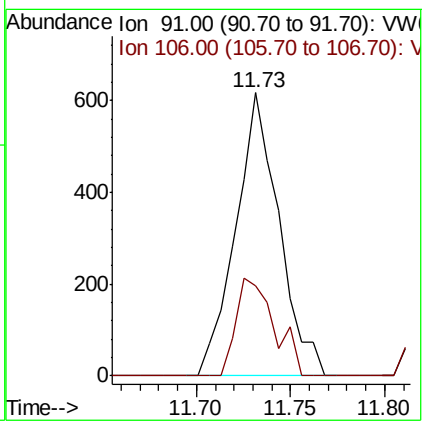


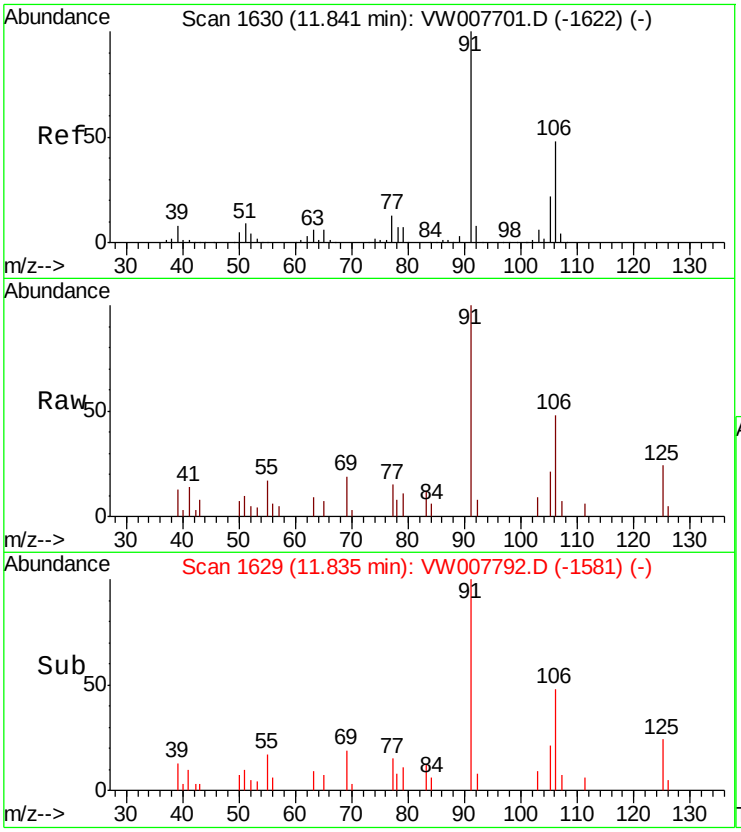


#67
Ethyl Benzene
Concen: 1.726 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion: 91 Resp: 982

Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.8	38.8



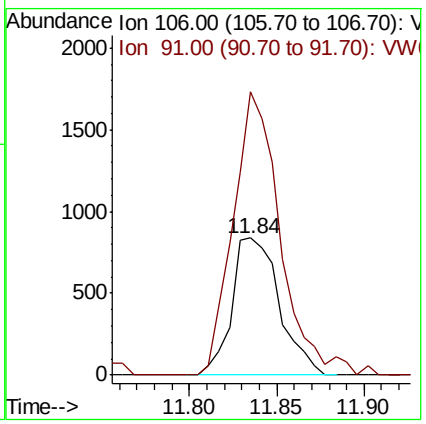


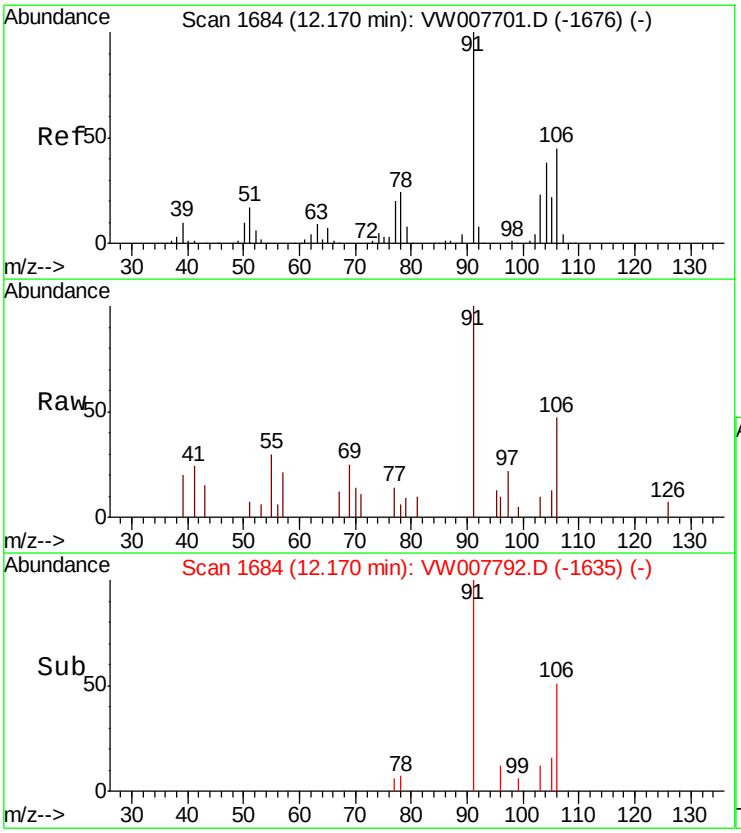
#68
m/p-Xylenes
Concen: 7.174 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument : MSVOA_W
ClientSampleId : P001-DS001-02

Tgt Ion:106 Resp: 1583

Ion	Ratio	Lower	Upper
106	100		
91	206.4	165.2	247.8

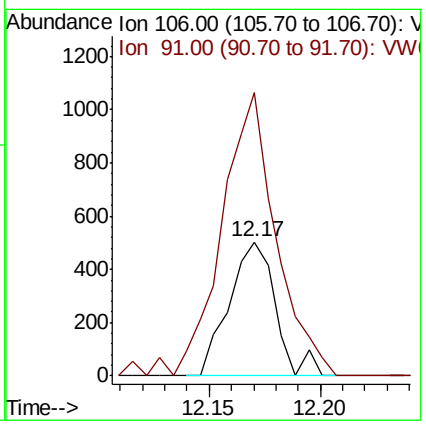


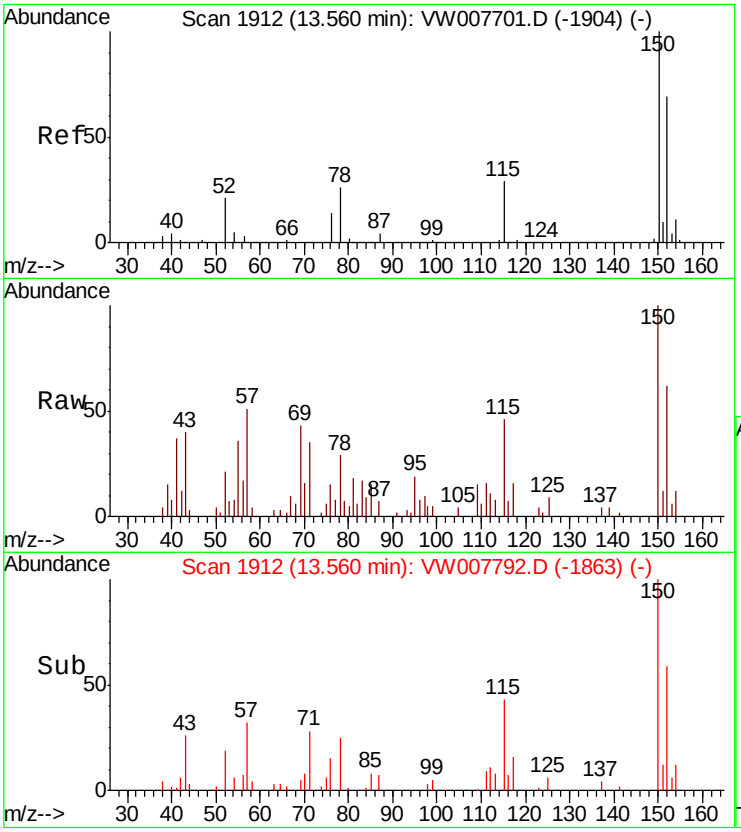


#69
o-Xylene
Concen: 3.529 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion:106 Resp: 730

Ion	Ratio	Lower	Upper
106	100		
91	247.5	110.5	331.4



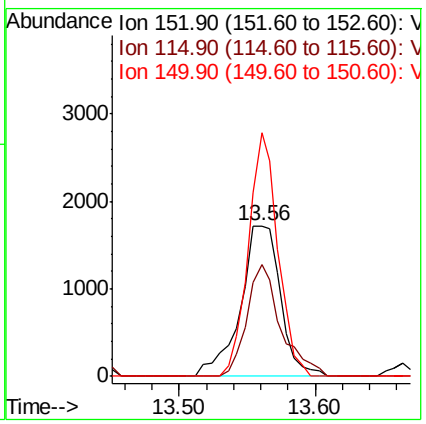


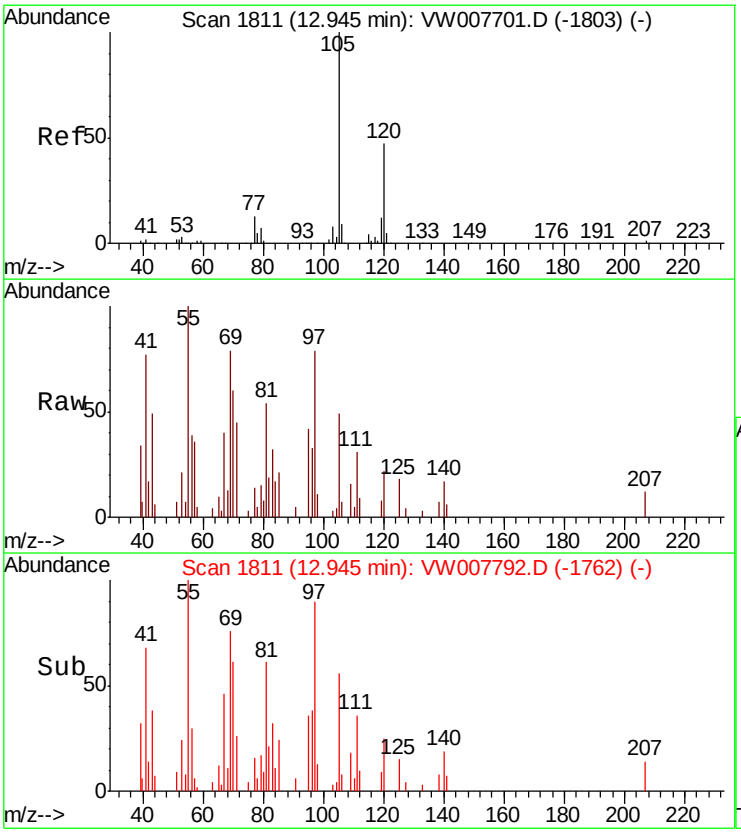
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument : MSVOA_W
ClientSampleId : P001-DS001-02

Tgt Ion:152 Resp: 3557

Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.8	95.4
150	119.2	0.0	350.8

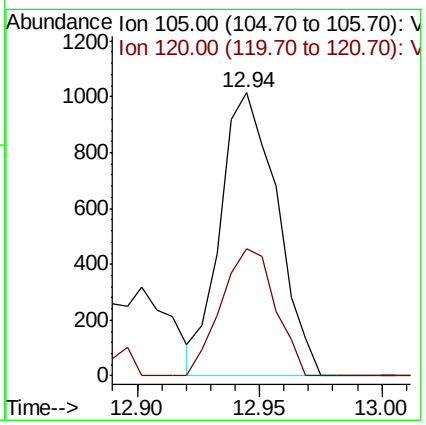


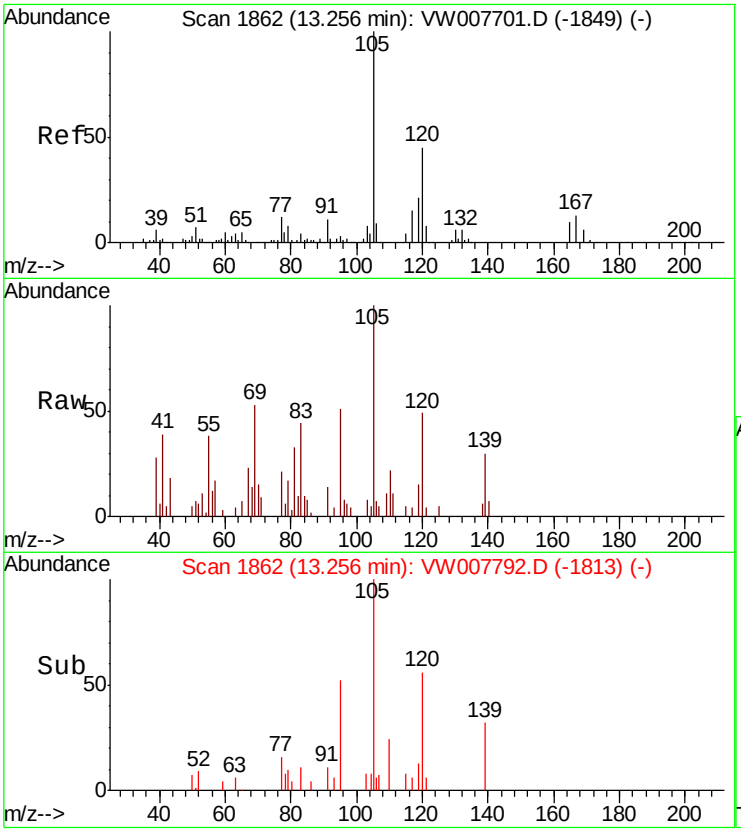


#80
1,3,5-Trimethylbenzene
Concen: 7.063 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion:105 Resp: 1638

Ion	Ratio	Lower	Upper
105	100		
120	42.9	23.6	70.8



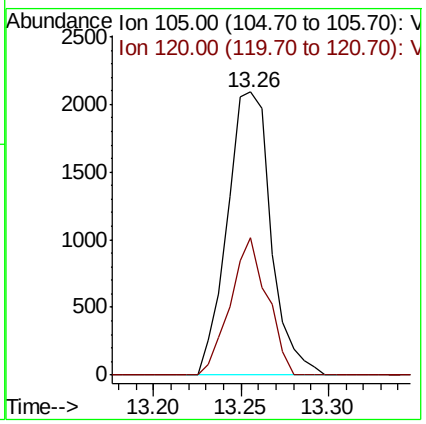


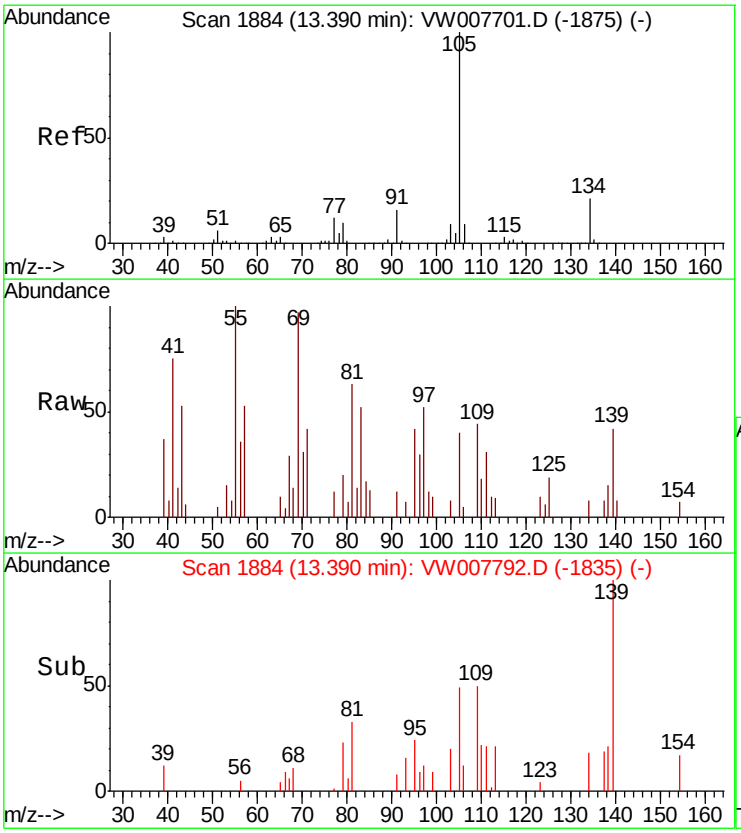
#84
1,2,4-Trimethylbenzene
Concen: 15.520 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
P001-DS001-02

Tgt Ion:105 Resp: 3632

Ion	Ratio	Lower	Upper
105	100		
120	41.1	22.0	66.0

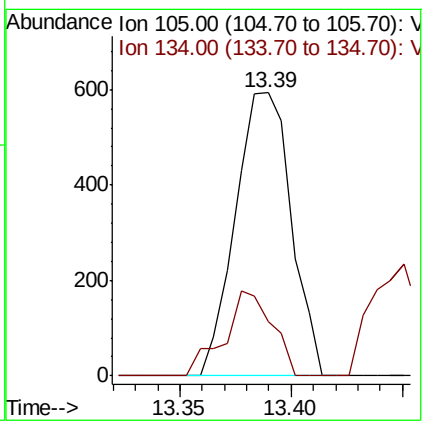


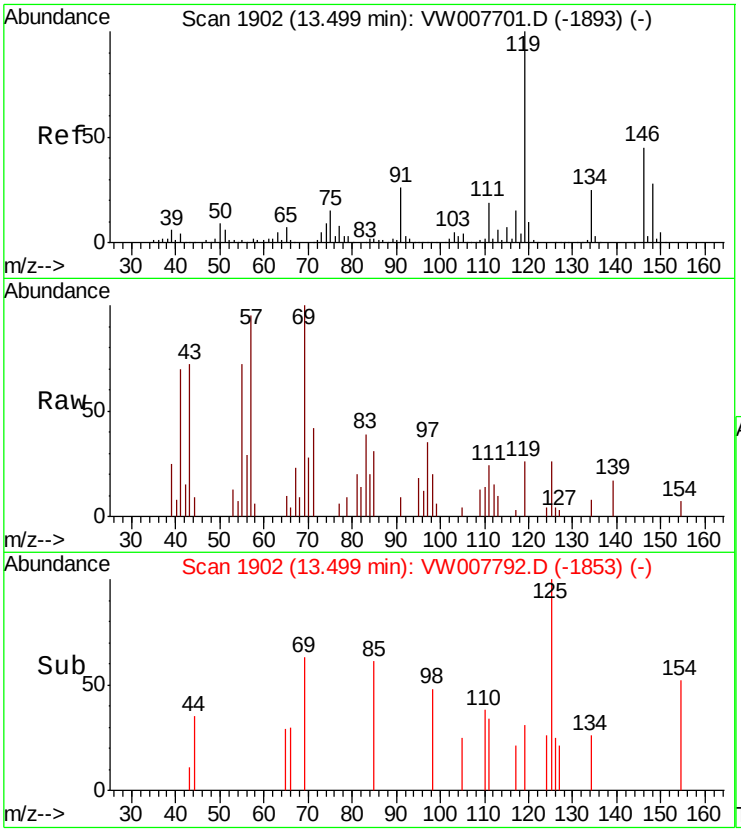


#85
sec-Butylbenzene
Concen: 3.694 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion:105 Resp: 1036

Ion	Ratio	Lower	Upper
105	100		
134	25.9	10.2	30.4



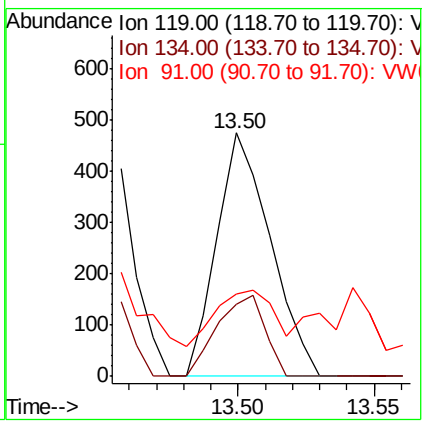


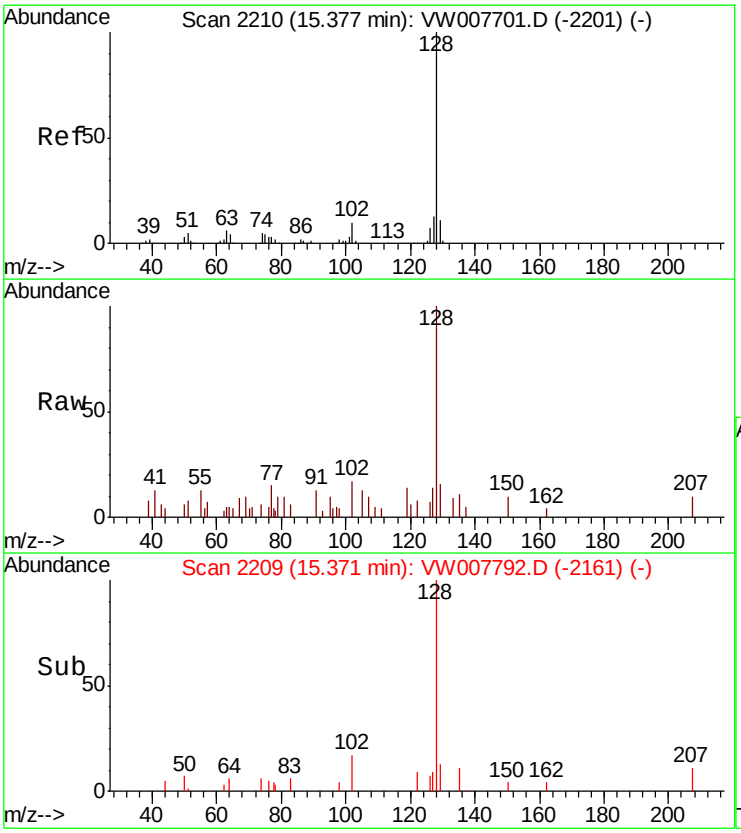
#86
p-Isopropyltoluene
Concen: 2.541 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Instrument : MSVOA_W
ClientSampleId : P001-DS001-02

Tgt Ion:119 Resp: 648

Ion	Ratio	Lower	Upper
119	100		
134	29.8	13.0	39.0
91	24.5	12.8	38.4





#95
Naphthalene
Concen: 22.763 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007792.D
Acq: 21 Dec 2018 13:34

Tgt Ion:128 Resp: 3200

Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.7	16.1
129	10.4	8.8	13.2