Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007795.D
Acq On : 21 Dec 2018 14:53
Operator : SY/AP
Sample : J6386-16RE
Misc : 6.18G/5ML/MSVOA_W/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS007-0612-01RE

Quant Time: Dec 21 17:43:12 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	10658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	23112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	18202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	9714	83.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 166.32%			
35) Dibromofluoromethane	7.88	113	7052	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.04%			
50) Toluene-d8	10.32	98	19131	35.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.98%			
62) 4-Bromofluorobenzene	12.62	95	10369	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.00%			
Target Compounds						Qvalue
16) Acetone	4.12	43	12466	569.874	ug/l	93
20) Methylene Chloride	4.90	84	1270	6.069	ug/l #	86
52) Toluene	10.38	92	32822	82.182	ug/l	99
67) Ethyl Benzene	11.73	91	10440	15.443	ug/l	93
68) m/p-Xylenes	11.84	106	26788	102.147	ug/l	95
69) o-Xylene	12.17	106	8418	34.244	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	14009	38.449	ug/l	94
95) Naphthalene	15.38	128	11152	50.953	ug/l	99

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

Quantitation Report (QT Reviewed)

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P001-SS007-0612-01RE

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Quant Title : SW846 8260
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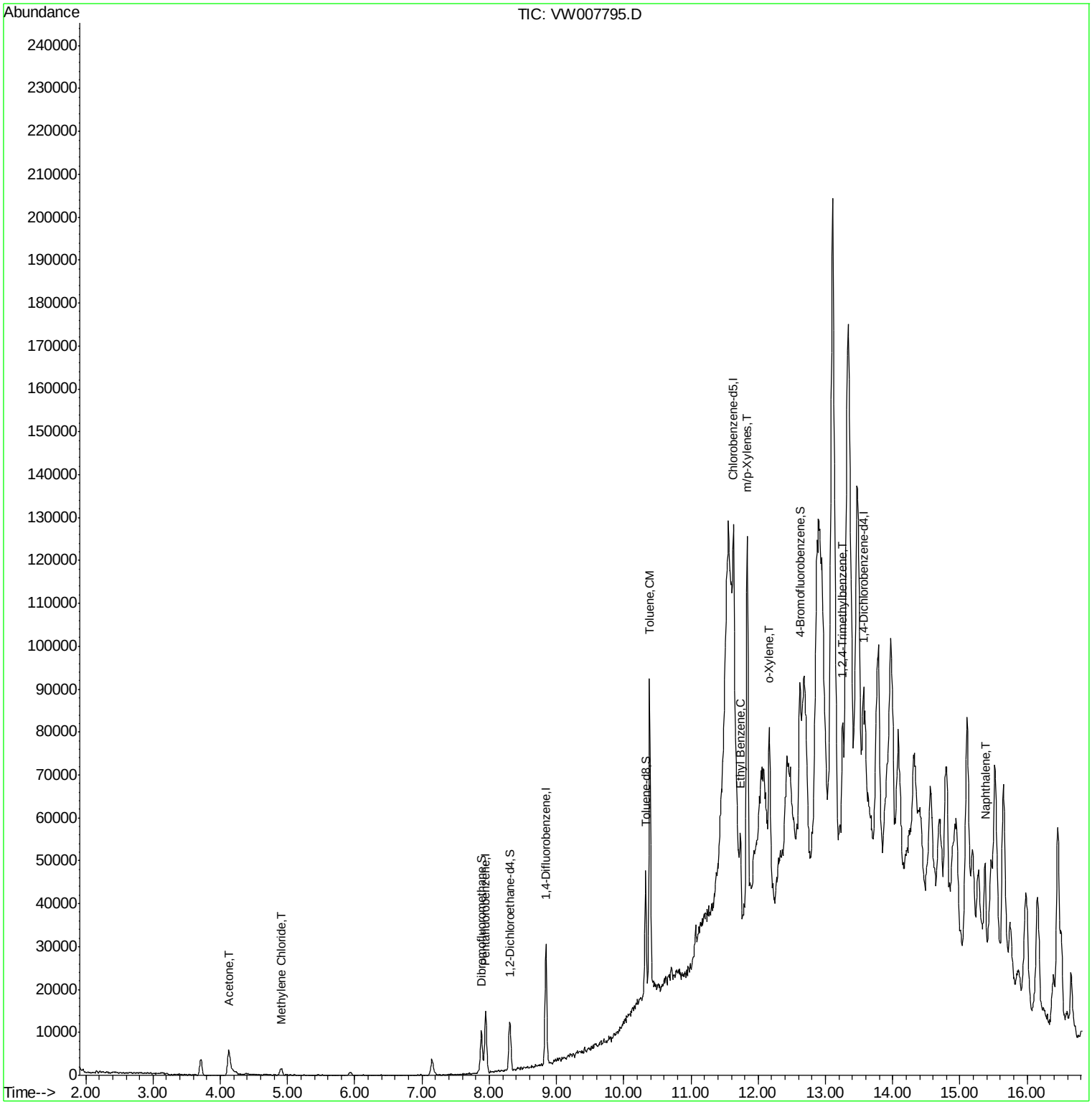
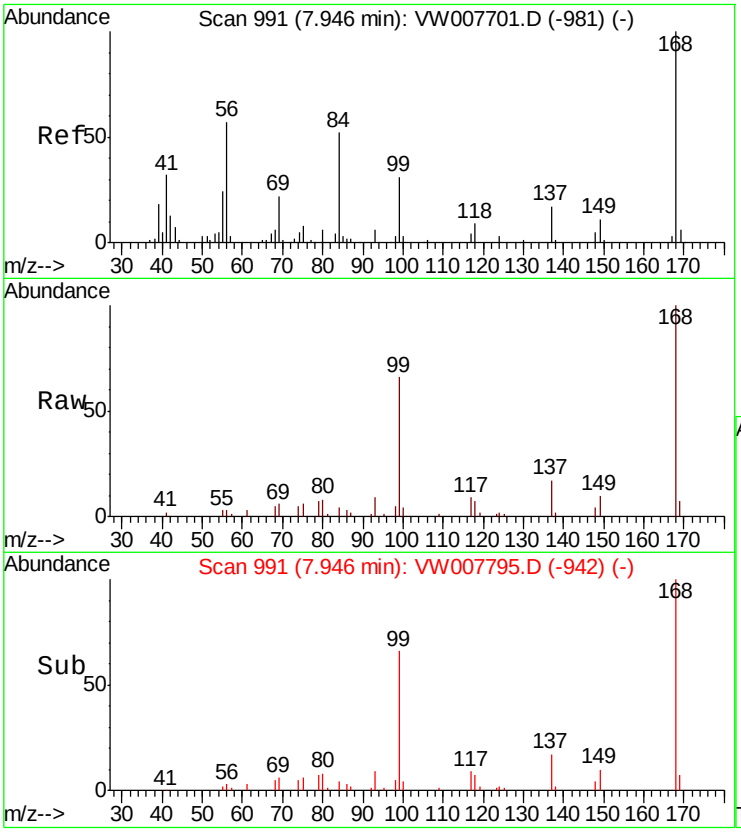
Response via : Initial Calibration



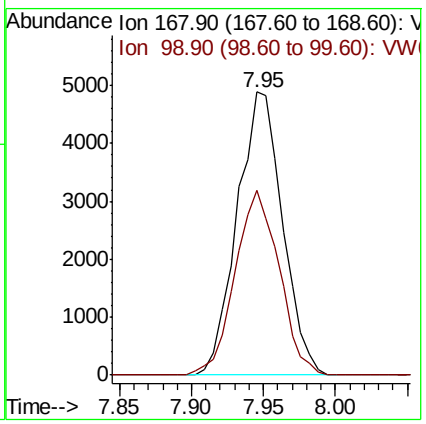


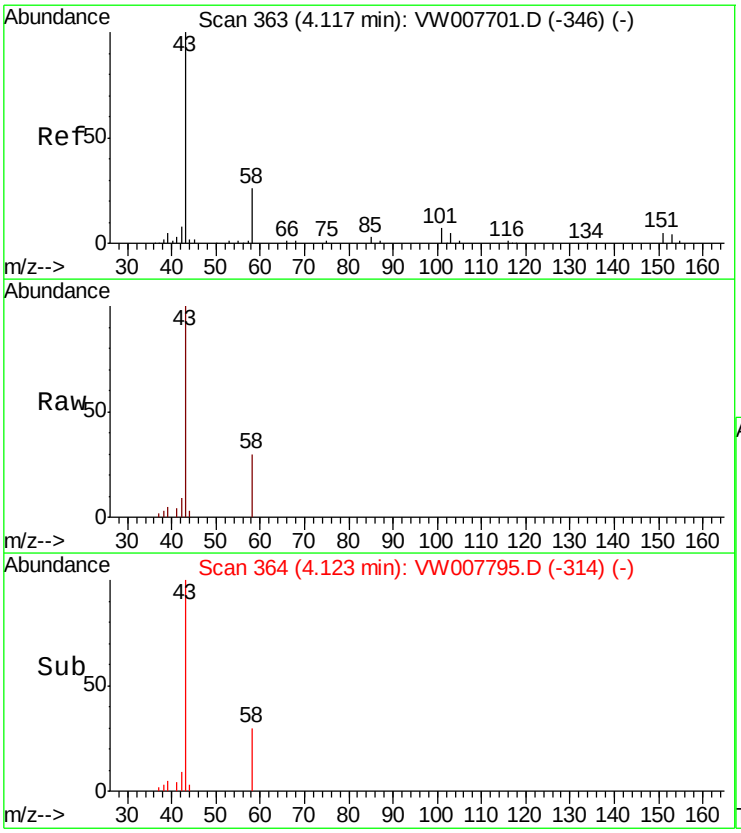
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Instrument :
MSVOA_W
ClientSampleId :
P001-SS007-0612-01RE

Tgt Ion:168 Resp: 10658

Ion	Ratio	Lower	Upper
168	100		
99	65.5	54.0	81.0

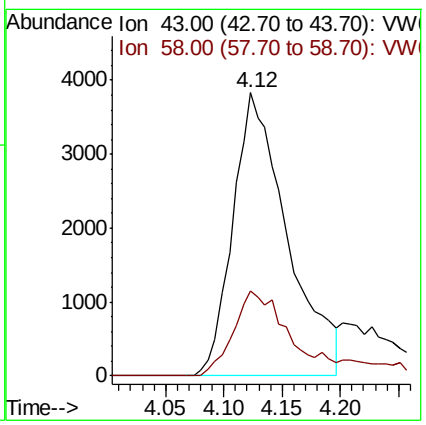


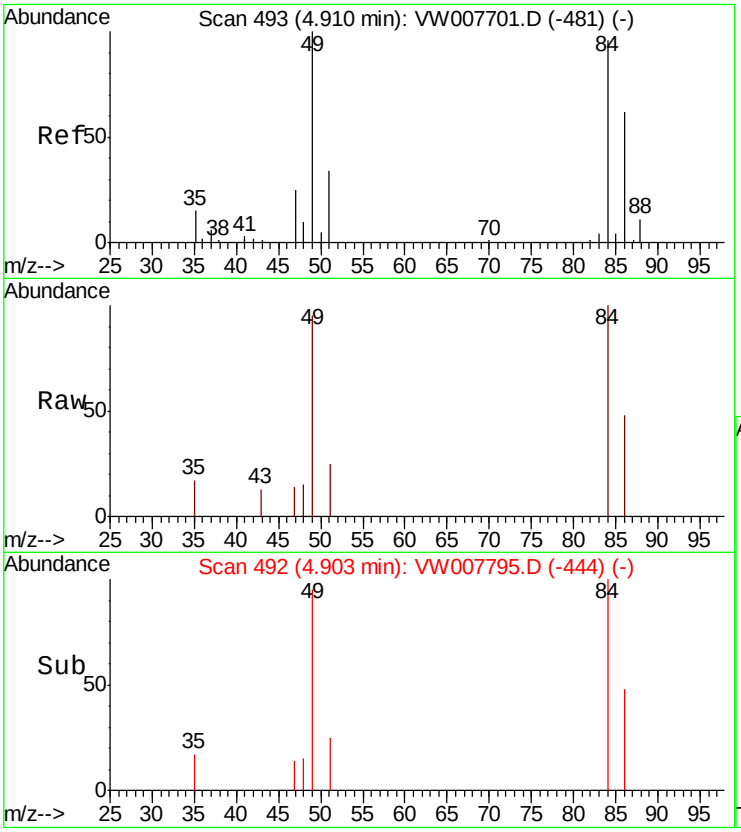


#16
Acetone
Concen: 569.874 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Tgt Ion: 43 Resp: 12466

Ion	Ratio	Lower	Upper
43	100		
58	29.9	21.2	31.8



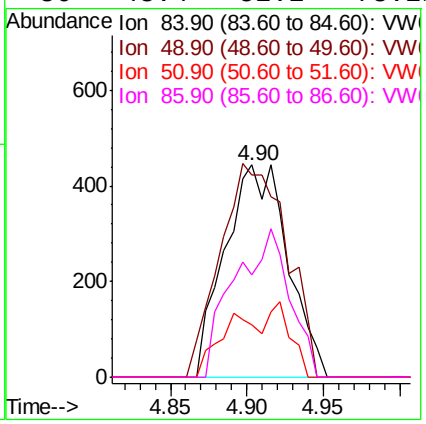


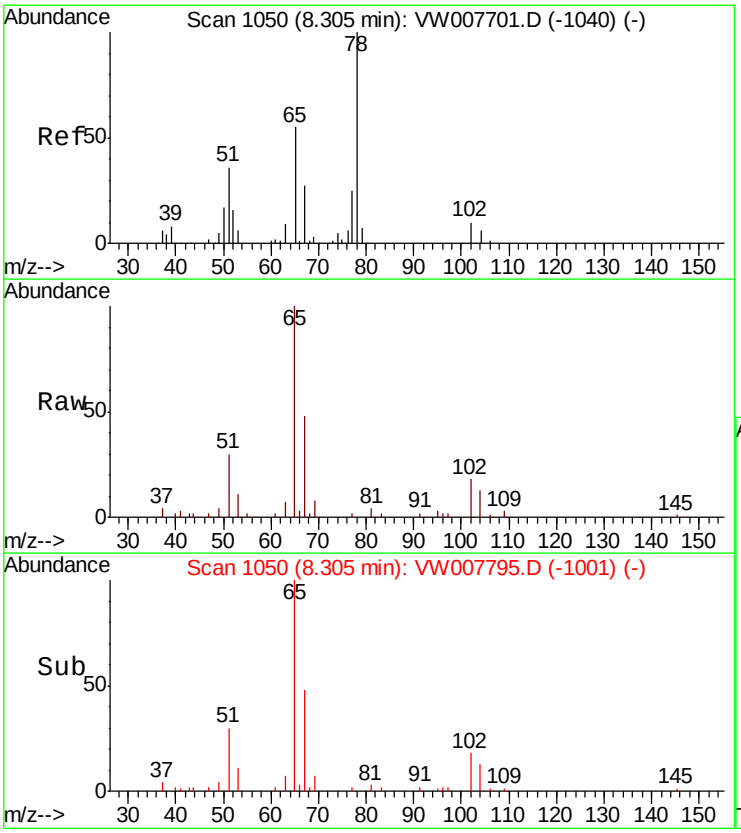
#20
Methylene Chloride
Concen: 6.069 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Instrument :
MSVOA_W
ClientSampleId :
P001-SS007-0612-01RE

Tgt Ion: 84 Resp: 1270

Ion	Ratio	Lower	Upper
84	100		
49	95.5	83.7	125.5
51	25.0	28.2	42.2#
86	48.4	52.2	78.2#

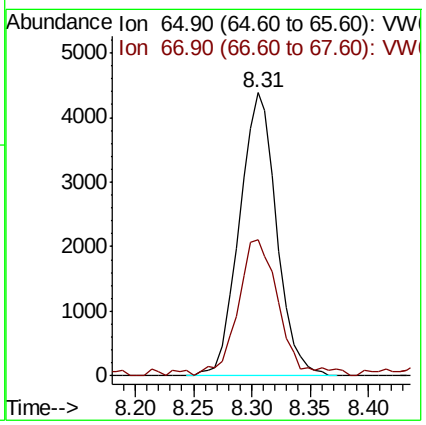


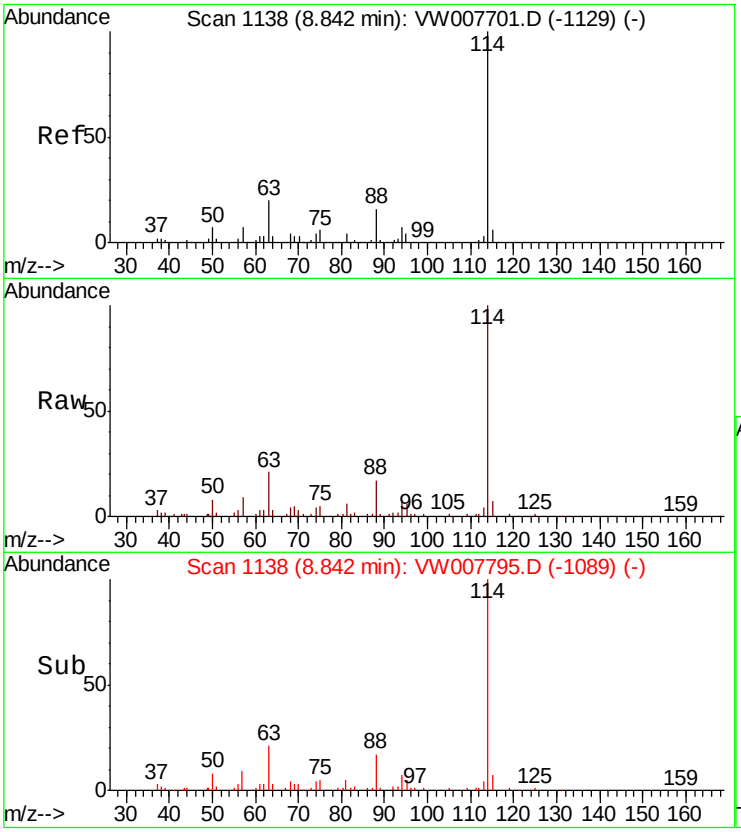


#33
1,2-Dichloroethane-d4
Concen: 83.156 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Tgt Ion: 65 Resp: 9714

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	100.6



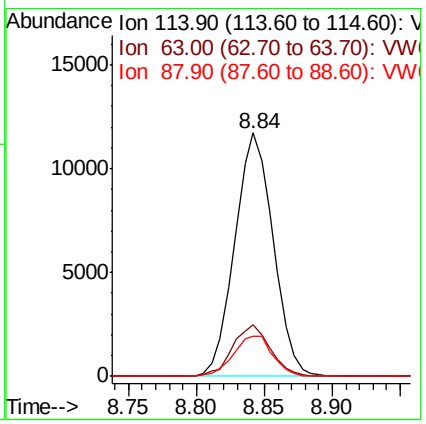


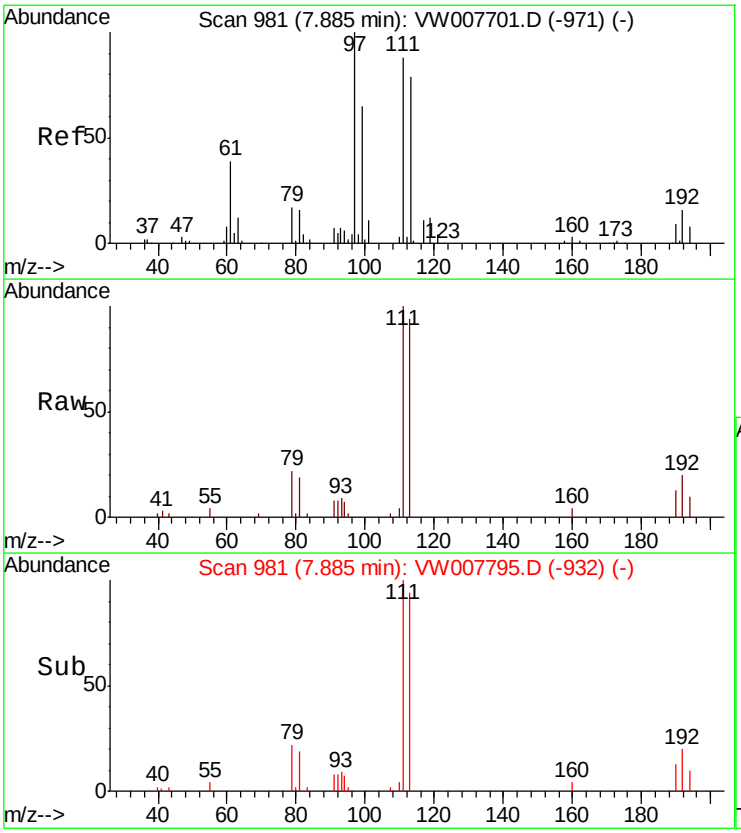
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Instrument :
MSVOA_W
ClientSampleId :
P001-SS007-0612-01RE

Tgt Ion:114 Resp: 23112

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.0
88	16.6	0.0	32.6

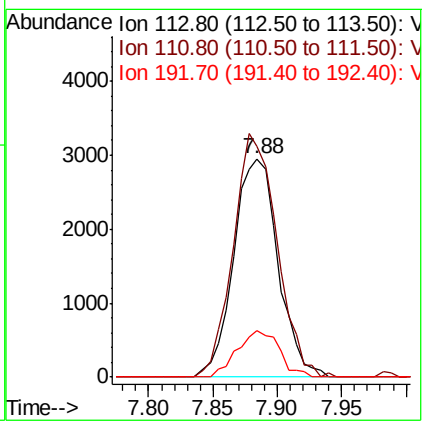


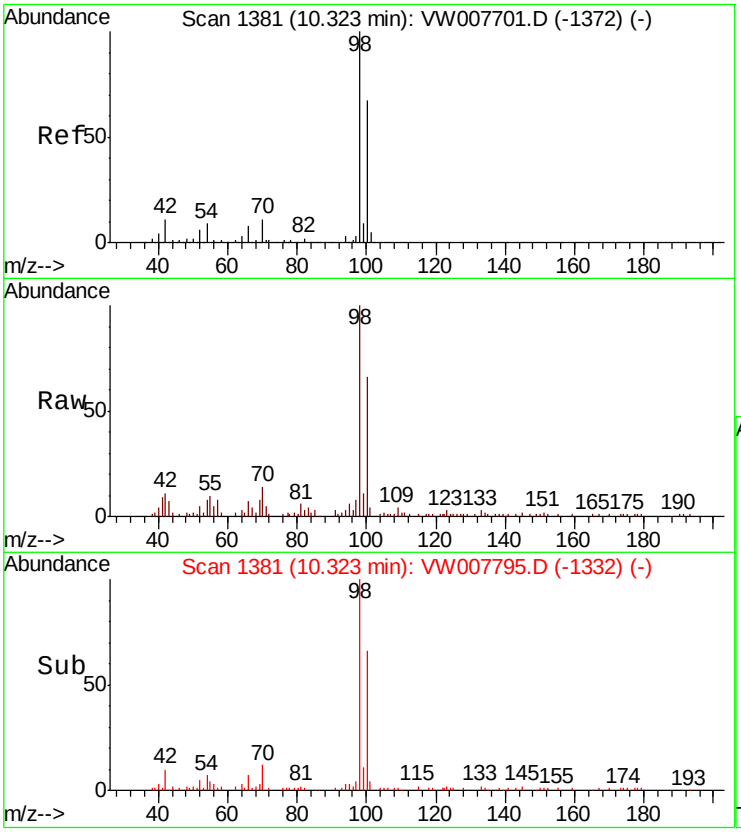


#35
Dibromofluoromethane
Concen: 50.016 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Tgt Ion:113 Resp: 7052

Ion	Ratio	Lower	Upper
113	100		
111	109.8	82.6	124.0
192	20.2	15.5	23.3



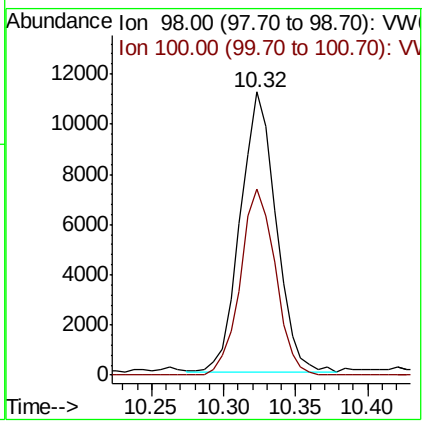


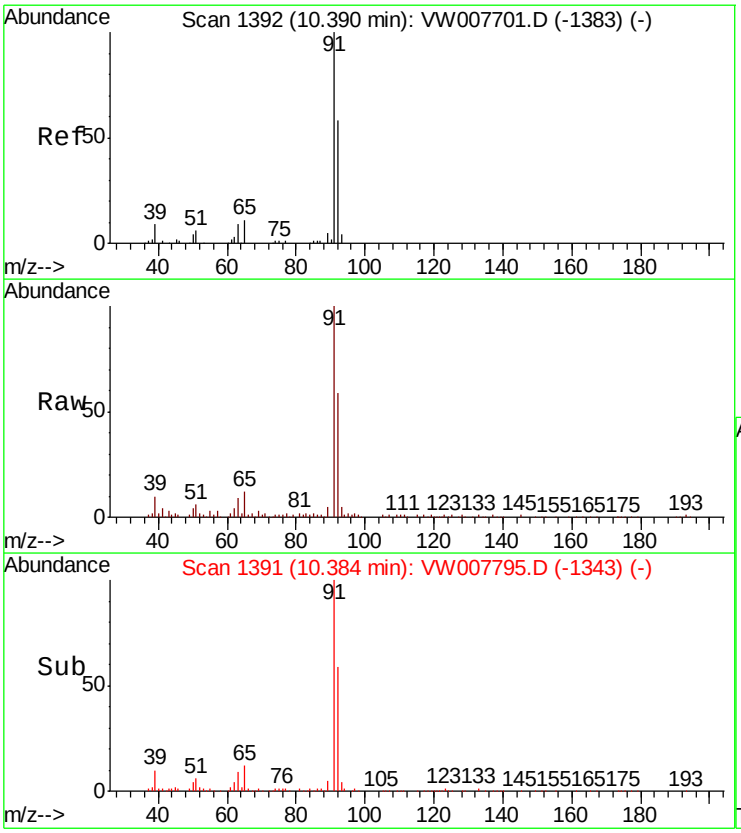
#50
Toluene-d8
Concen: 35.992 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Instrument :
MSVOA_W
ClientSampleId :
P001-SS007-0612-01RE

Tgt Ion: 98 Resp: 19131

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2

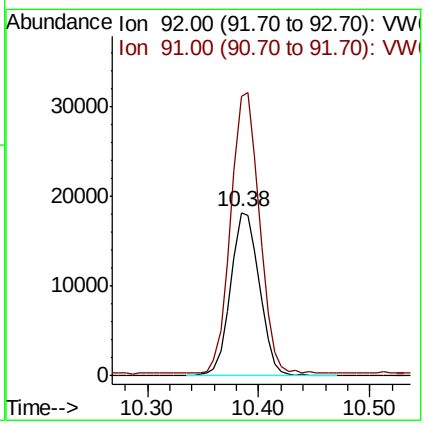


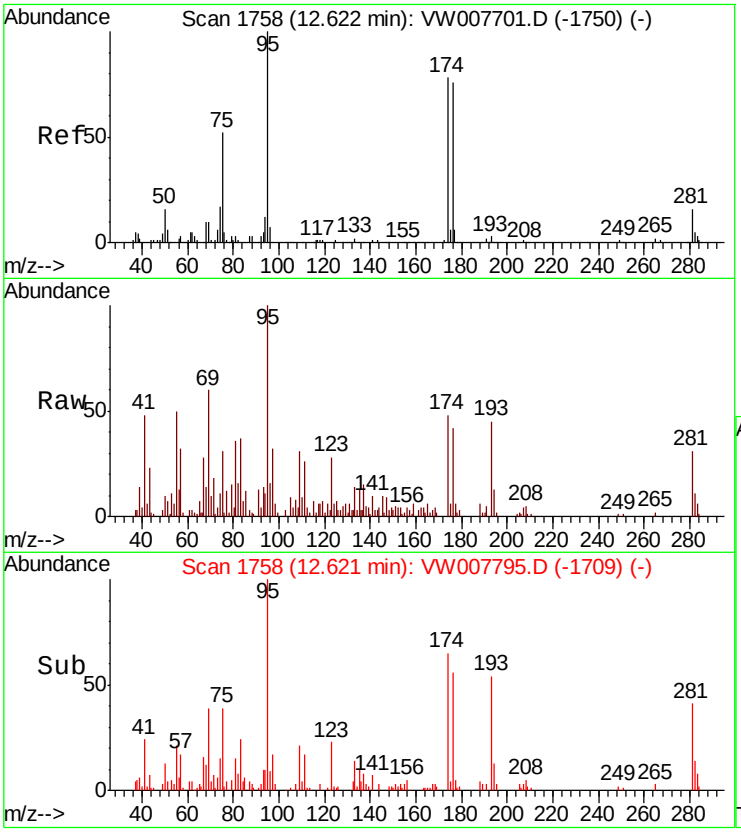


#52
Toluene
Concen: 82.182 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Tgt Ion: 92 Resp: 32822

Ion	Ratio	Lower	Upper
92	100		
91	172.1	137.0	205.4



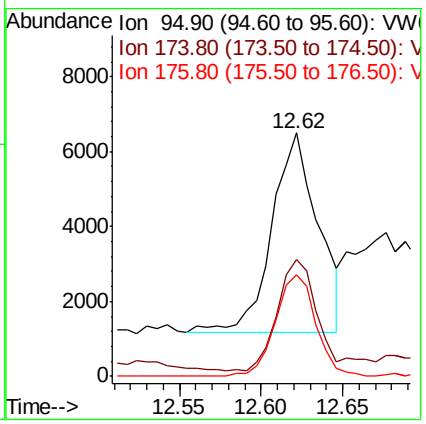


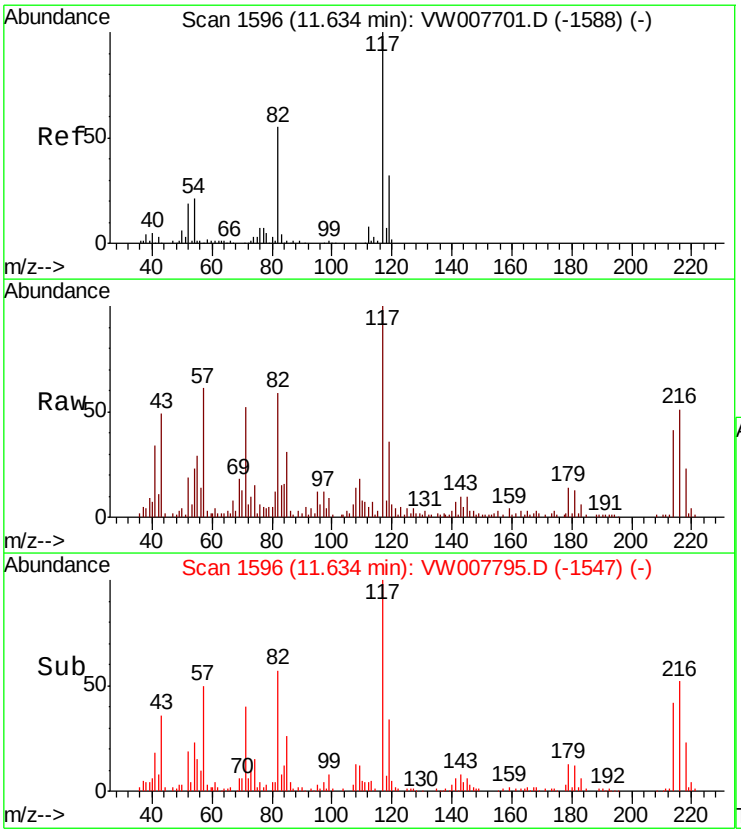
#62
4-Bromofluorobenzene
Concen: 50.496 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Instrument :
MSVOA_W
ClientSampleId :
P001-SS007-0612-01RE

Tgt Ion: 95 Resp: 10369

Ion	Ratio	Lower	Upper
95	100		
174	51.0	0.0	152.2
176	44.5	0.0	146.8

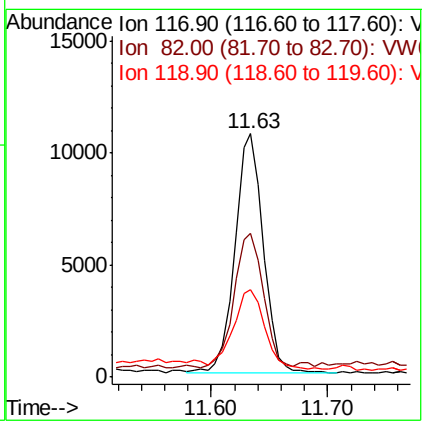


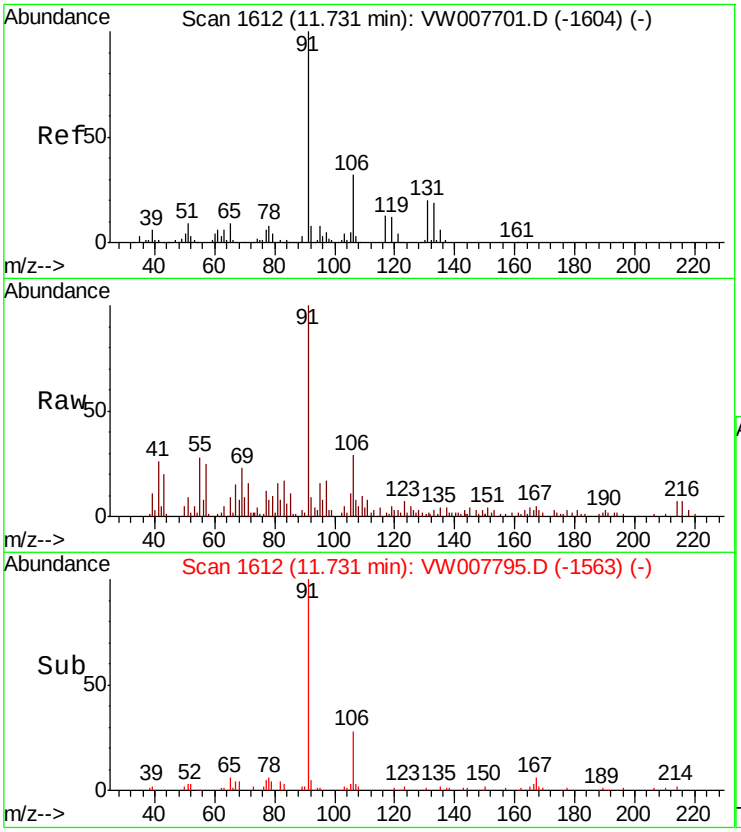


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Tgt Ion:117 Resp: 18202

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.3	66.5
119	32.4	25.7	38.5



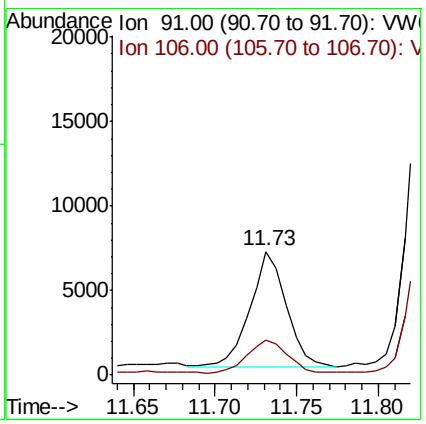


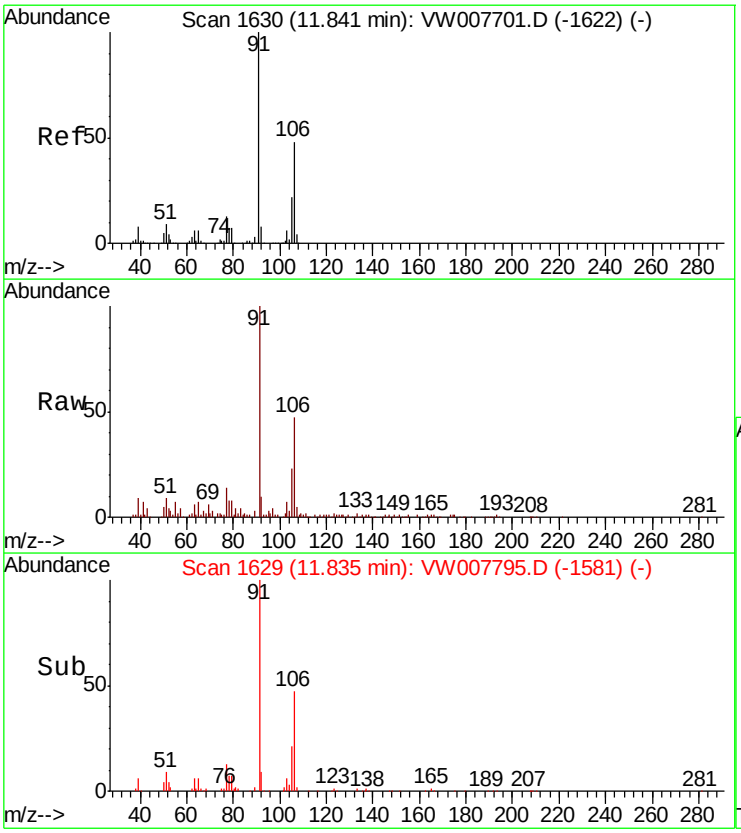
#67
Ethyl Benzene
Concen: 15.443 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Instrument : MSVOA_W
ClientSampleId : P001-SS007-0612-01RE

Tgt Ion: 91 Resp: 10440

Ion	Ratio	Lower	Upper
91	100		
106	28.4	25.8	38.8

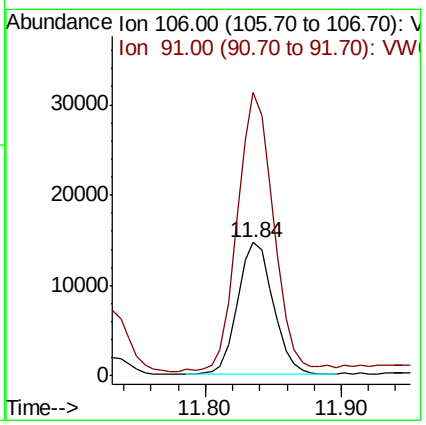


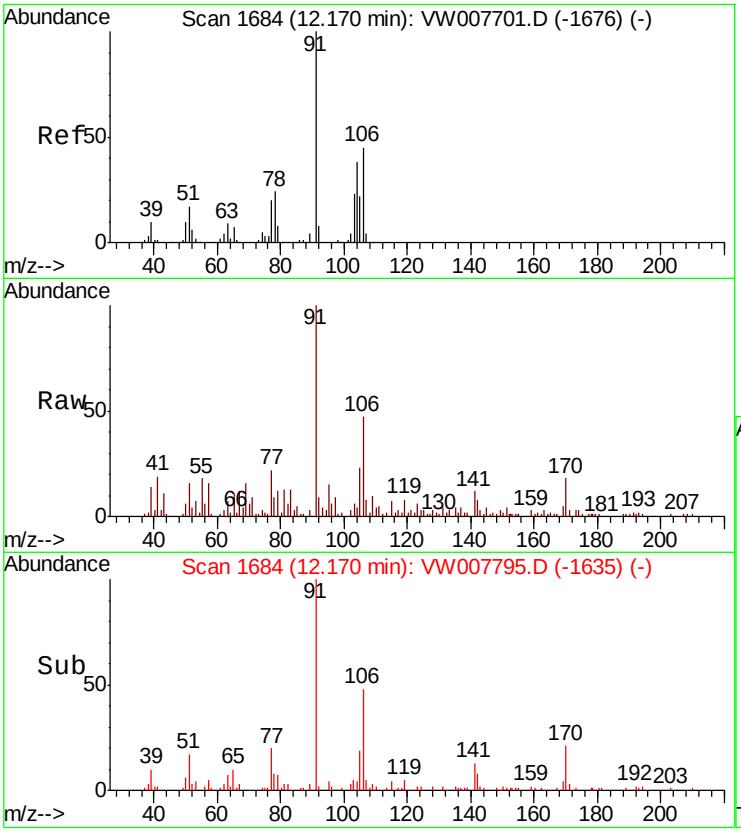


#68
m/p-Xylenes
Concen: 102.147 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Tgt Ion:106 Resp: 26788

Ion	Ratio	Lower	Upper
106	100		
91	214.3	165.2	247.8



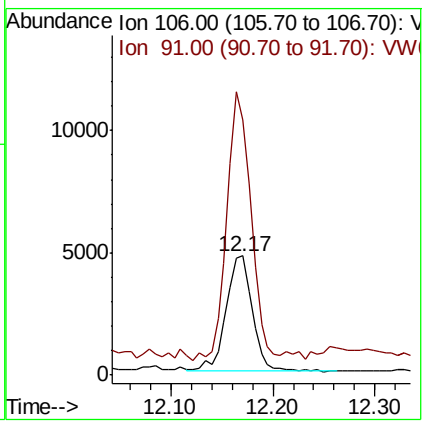


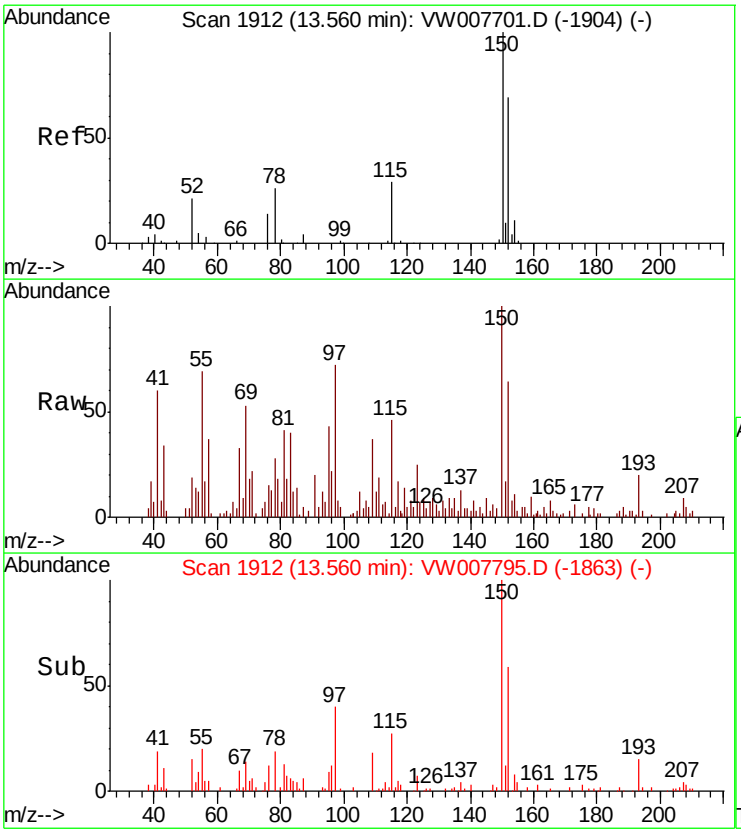
#69
o-Xylene
Concen: 34.244 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Instrument :
MSVOA_W
ClientSampleId :
P001-SS007-0612-01RE

Tgt Ion:106 Resp: 8418

Ion	Ratio	Lower	Upper
106	100		
91	212.3	110.5	331.4

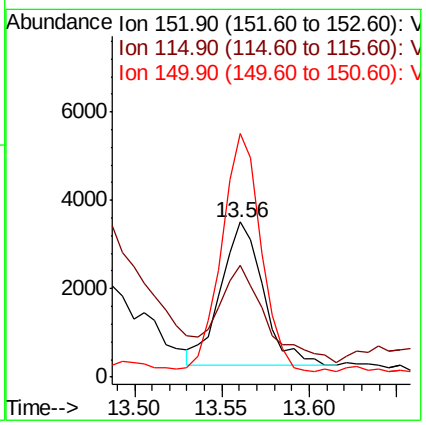


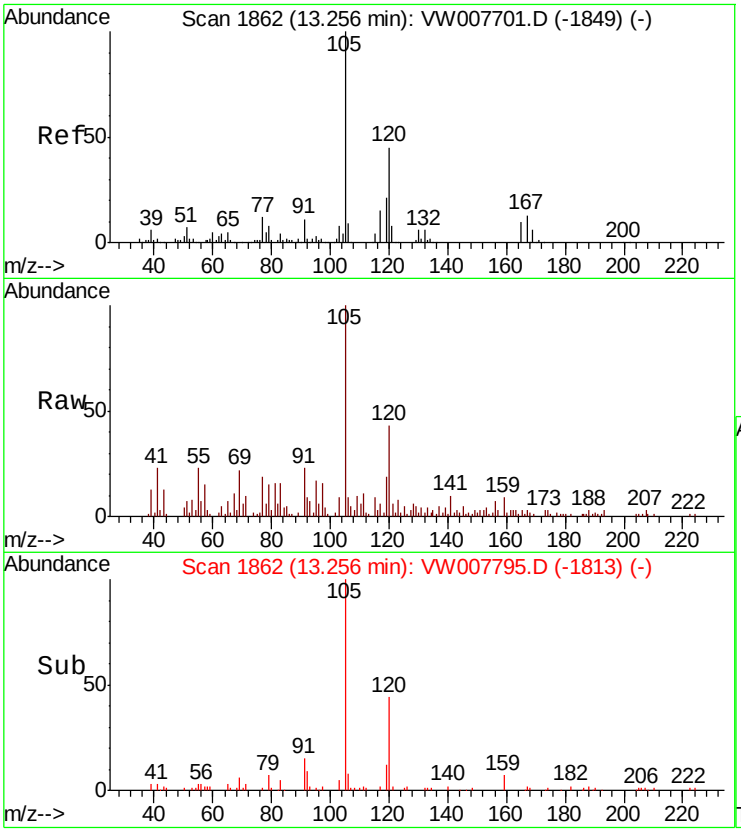


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Tgt Ion:152 Resp: 5538

Ion	Ratio	Lower	Upper
152	100		
115	74.6	31.8	95.4
150	152.3	0.0	350.8



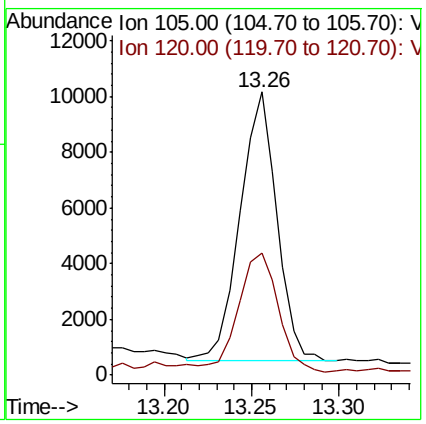


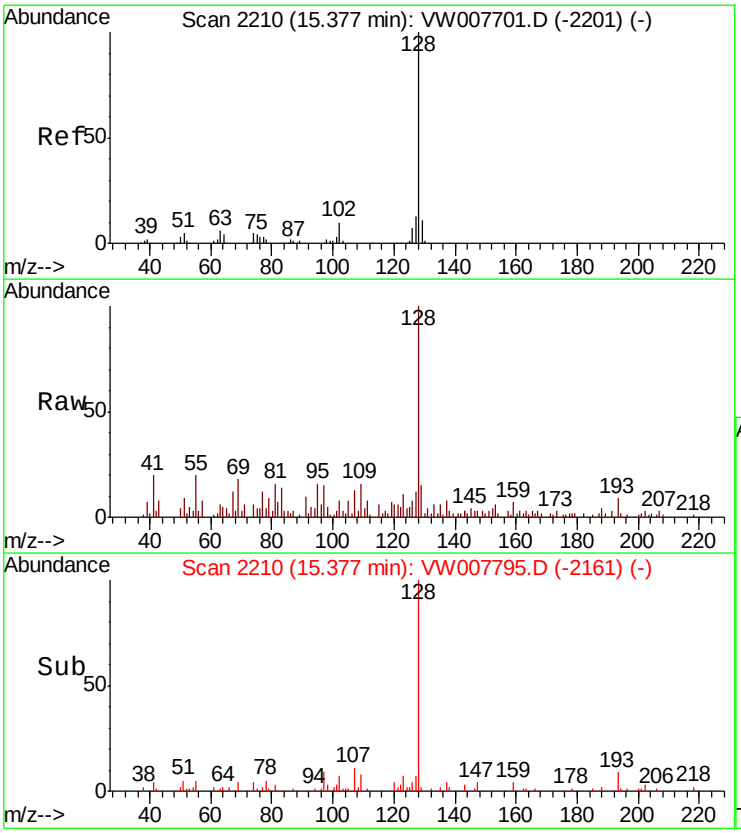
#84
1,2,4-Trimethylbenzene
Concen: 38.449 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Instrument :
MSVOA_W
ClientSampleId :
P001-SS007-0612-01RE

Tgt Ion:105 Resp: 14009

Ion	Ratio	Lower	Upper
105	100		
120	48.1	22.0	66.0





#95
Naphthalene
Concen: 50.953 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007795.D
Acq: 21 Dec 2018 14:53

Tgt Ion:128 Resp: 11152

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	10.6	8.8	13.2