Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
Data File : VW008359.D
Acq On : 18 Jan 2019 16:36
Operator : SY/VA
Sample : K1015-11
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Quant Time: Jan 19 04:22:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	166702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	70919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	55924	59.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.78%			
35) Dibromofluoromethane	7.88	113	53830	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.18%			
50) Toluene-d8	10.32	98	215935	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.30%			
62) 4-Bromofluorobenzene	12.62	95	70664	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.26%			
Target Compounds						Qvalue
16) Acetone	4.12	43	13776	63.522	ug/l	96
20) Methylene Chloride	4.90	84	15875	13.162	ug/l #	93
39) Methylcyclohexane	9.33	83	2320	1.163	ug/l #	84
52) Toluene	10.39	92	3031	1.008	ug/l	97
68) m/p-Xylenes	11.84	106	3044	1.370	ug/l	97
69) o-Xylene	12.16	106	3085	1.486	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	4651	1.079	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	10703	2.437	ug/l	100
95) Naphthalene	15.37	128	1656375	582.457	ug/l	99

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

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SU-01-011719-B

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Quant Title : SW846 8260
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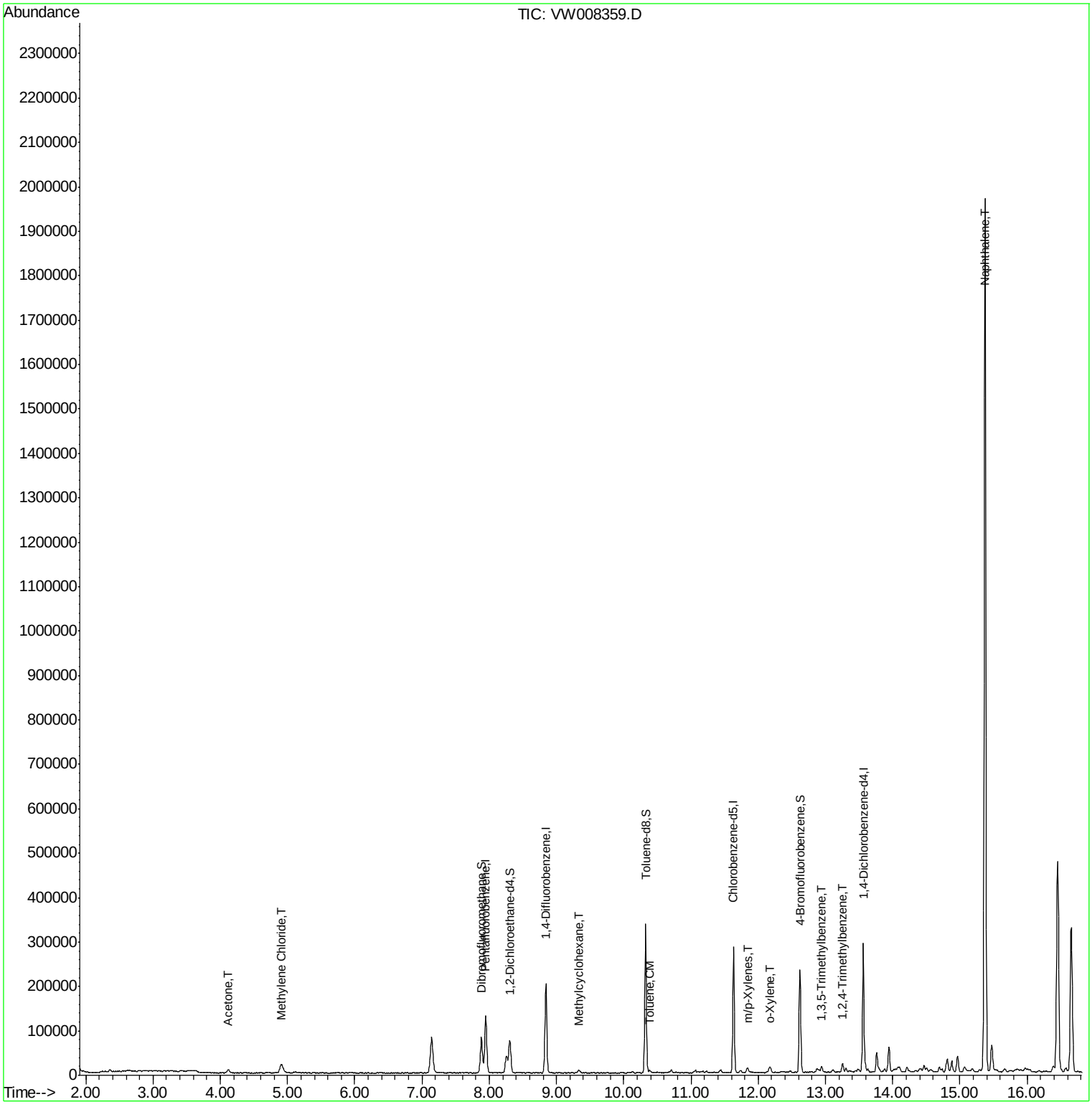
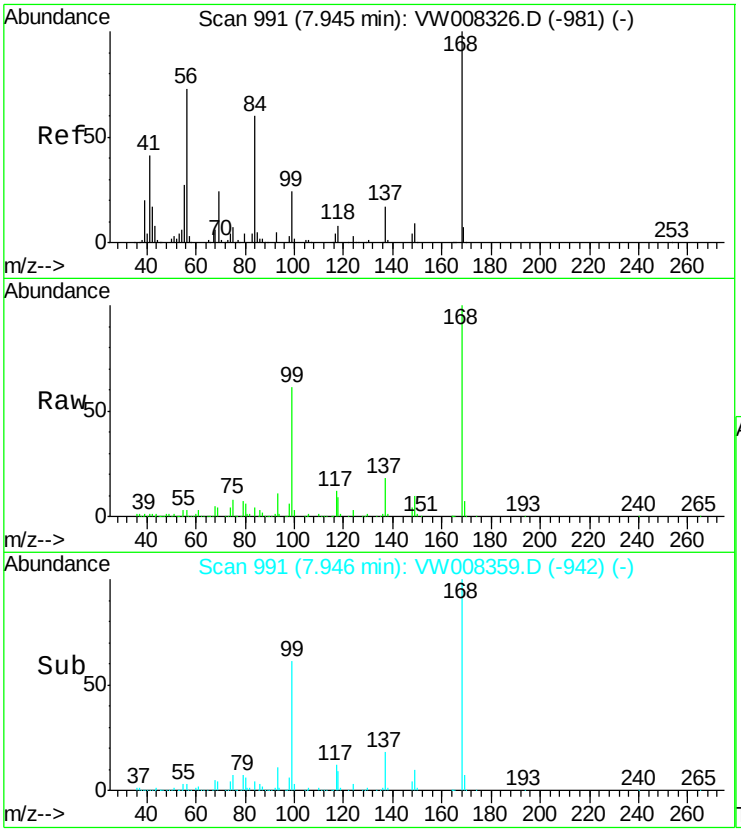
Response via : Initial Calibration



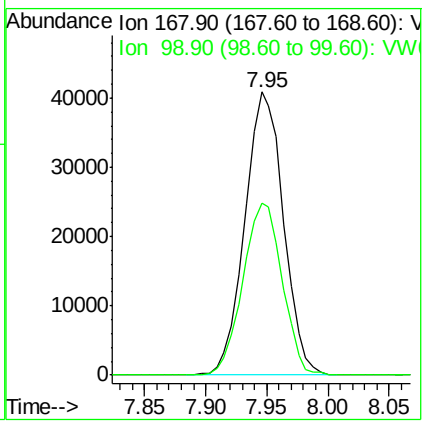


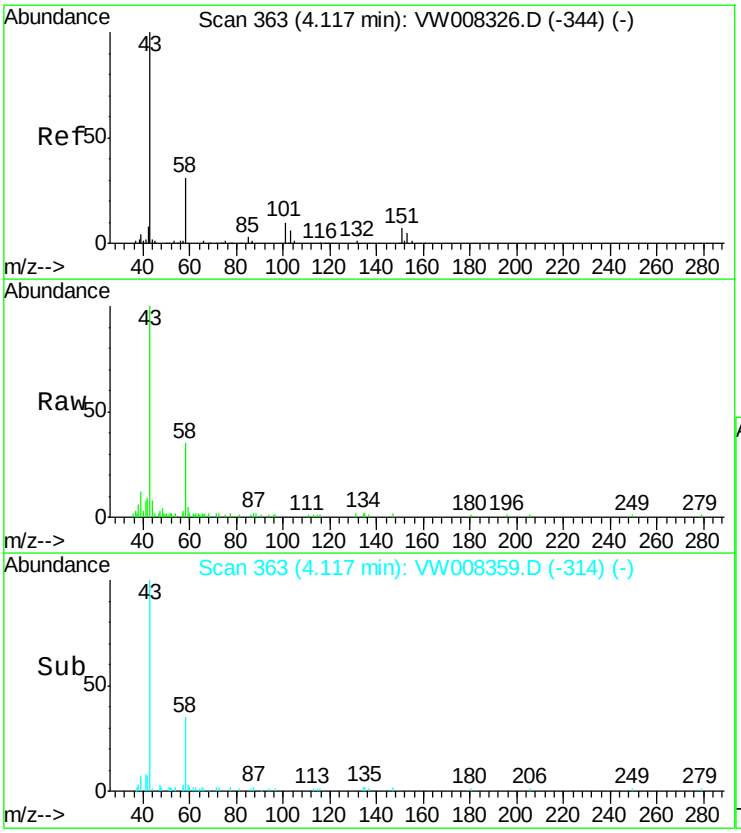
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-B

Tgt Ion:168 Resp: 89772

Ion	Ratio	Lower	Upper
168	100		
99	60.5	44.6	66.8

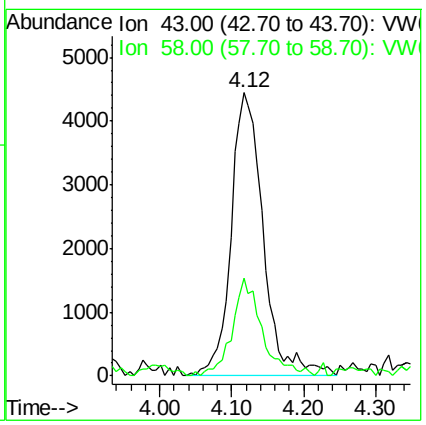


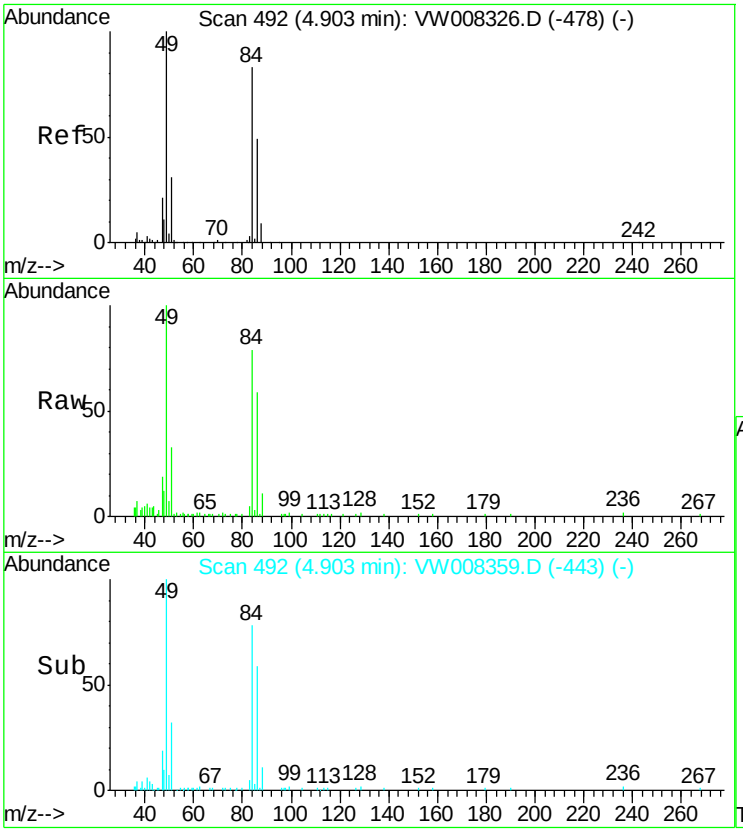


#16
Acetone
Concen: 63.522 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Tgt Ion: 43 Resp: 13776

Ion	Ratio	Lower	Upper
43	100		
58	33.2	24.7	37.1



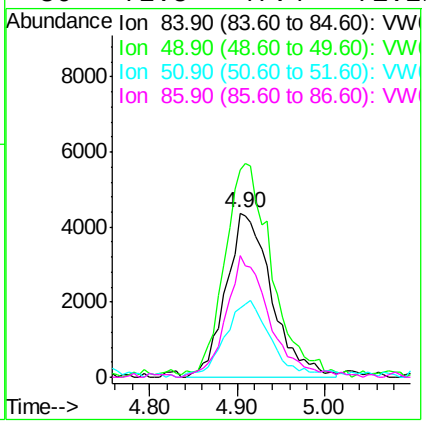


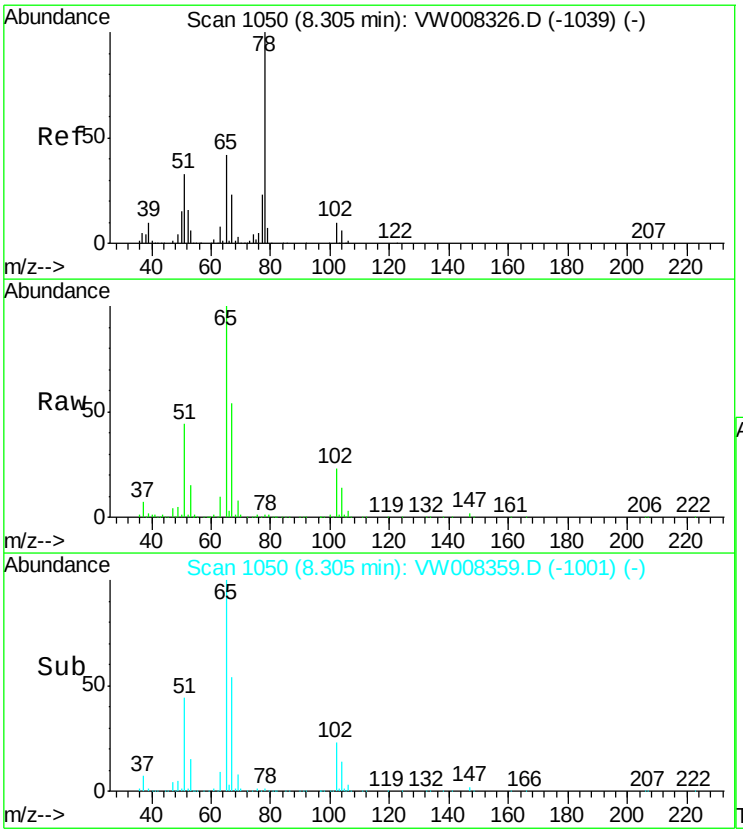
#20
Methylene Chloride
Concen: 13.162 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Tgt Ion: 84 Resp: 15875

Ion	Ratio	Lower	Upper
84	100		
49	122.9	95.9	143.9
51	39.9	29.3	43.9
86	72.5	47.4	71.2#

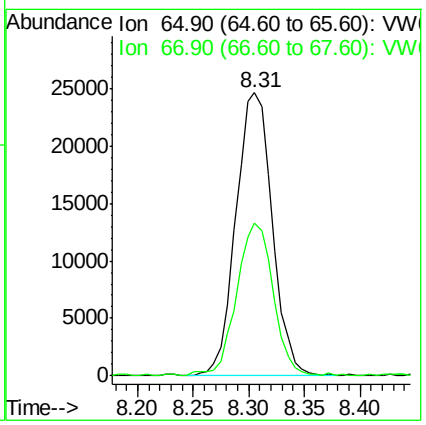


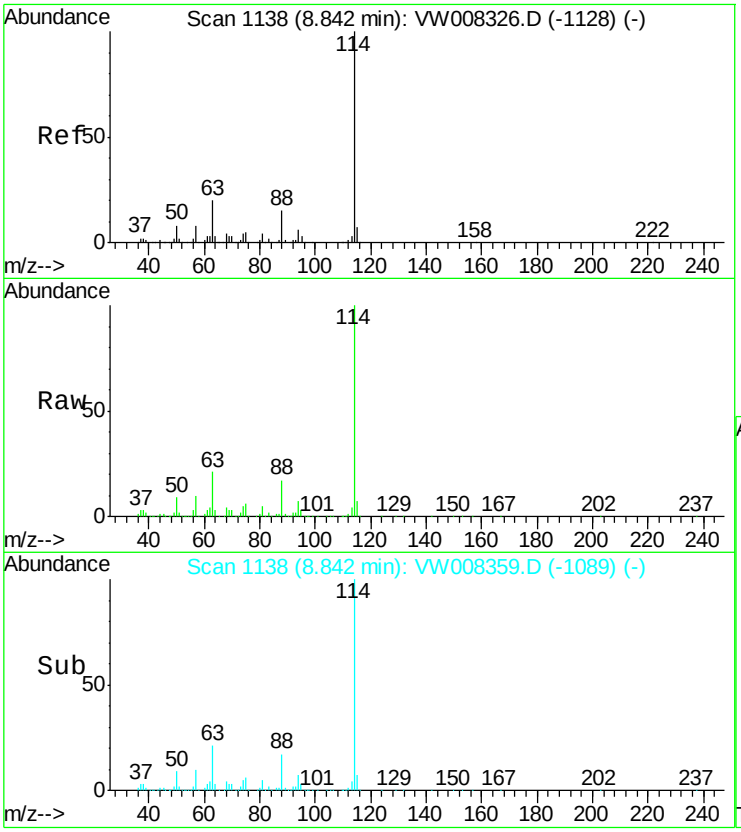


#33
1,2-Dichloroethane-d4
Concen: 59.887 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Tgt Ion: 65 Resp: 55924

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	106.2



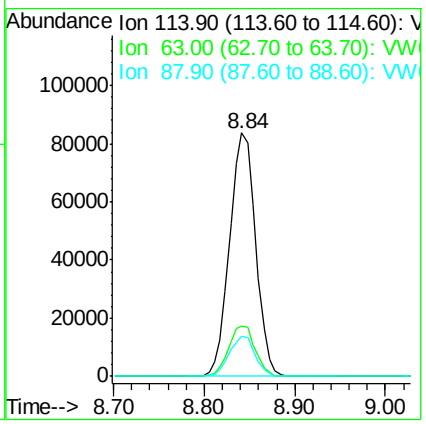


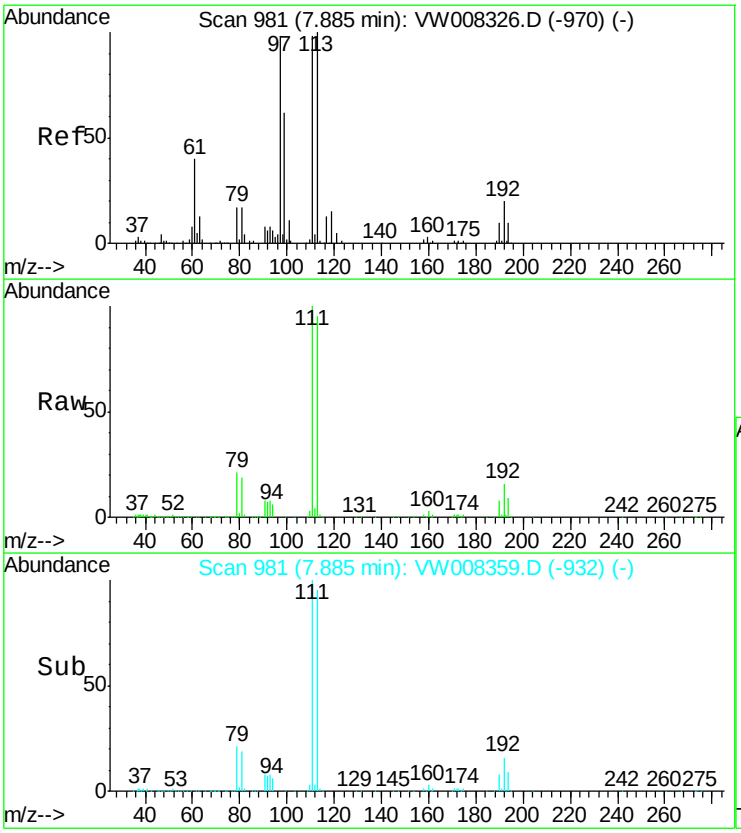
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-B

Tgt Ion:114 Resp: 166702

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.6	0.0	30.4

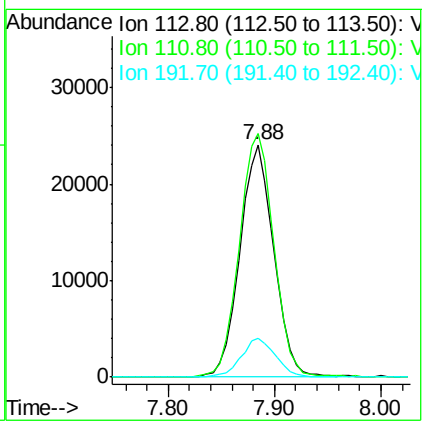


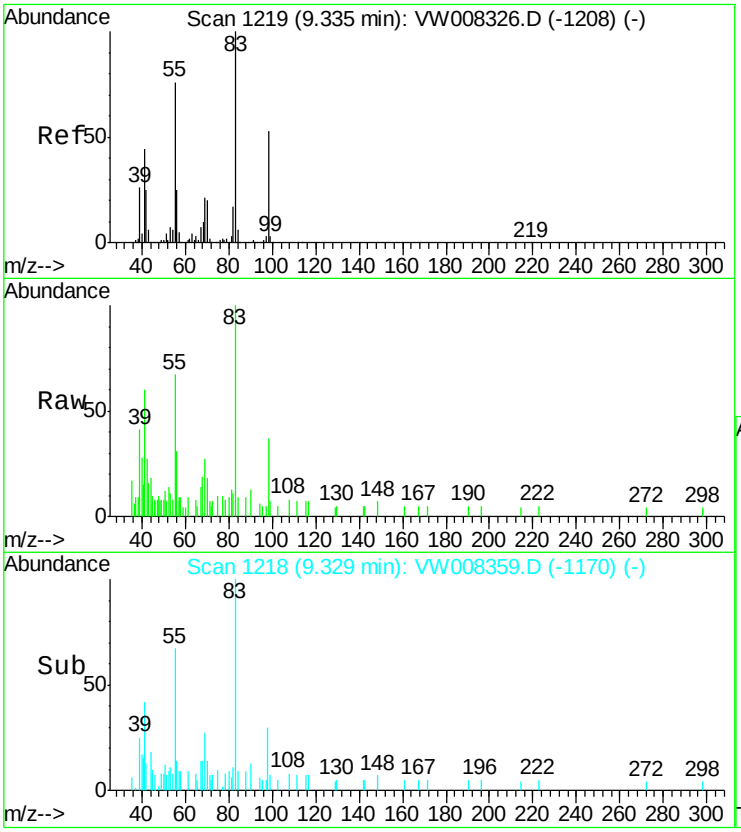


#35
Dibromofluoromethane
Concen: 50.587 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Tgt Ion:113 Resp: 53830

Ion	Ratio	Lower	Upper
113	100		
111	107.0	81.8	122.8
192	17.0	16.3	24.5



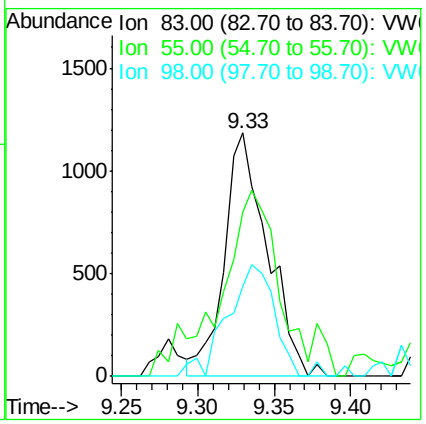


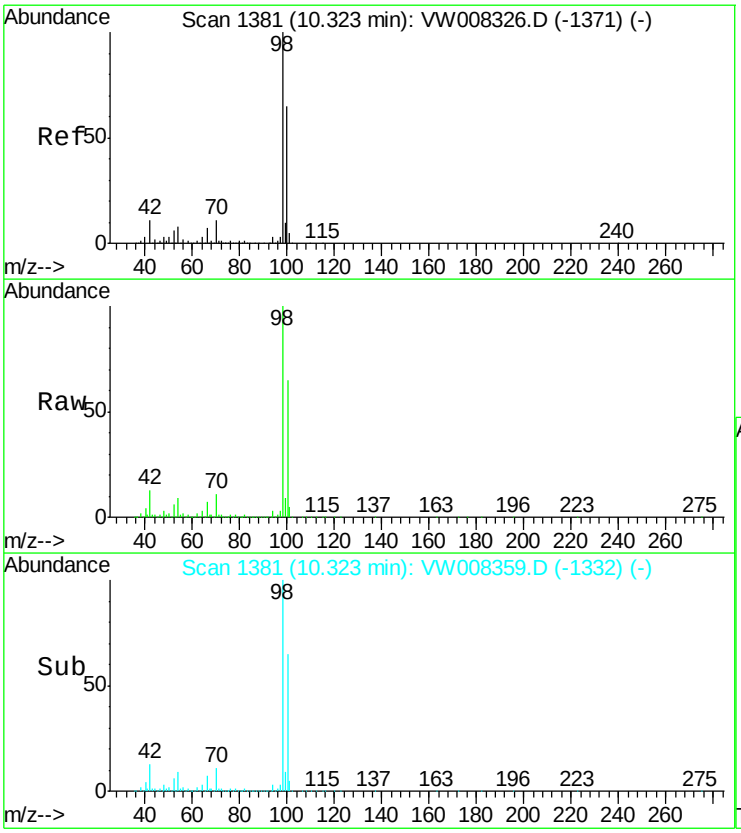
#39
Methylcyclohexane
Concen: 1.163 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-B

Tgt Ion: 83 Resp: 2320

Ion	Ratio	Lower	Upper
83	100		
55	67.3	61.1	91.7
98	37.0	42.5	63.7#

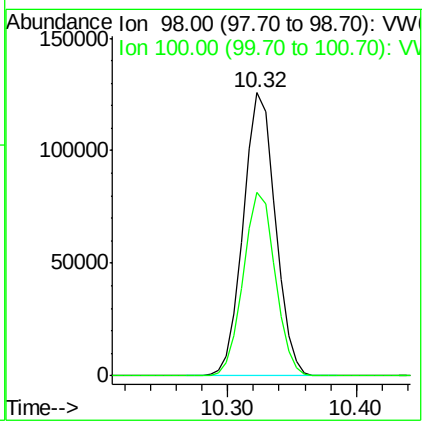


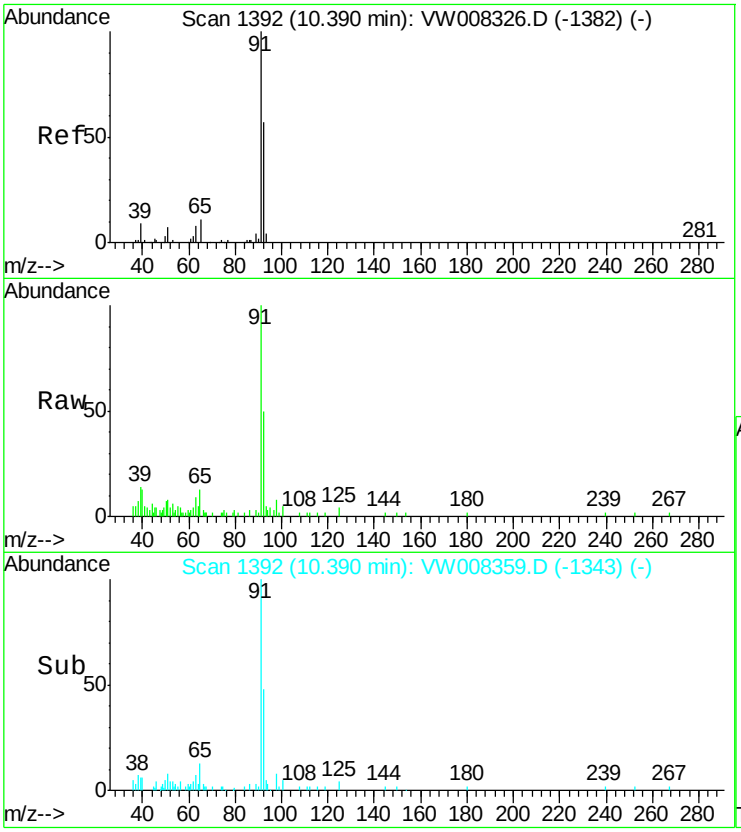


#50
Toluene-d8
Concen: 51.654 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Tgt Ion: 98 Resp: 215935

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.8



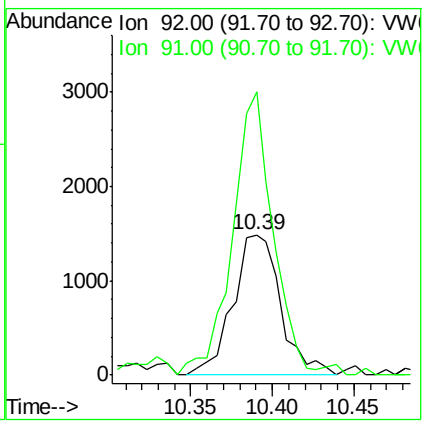


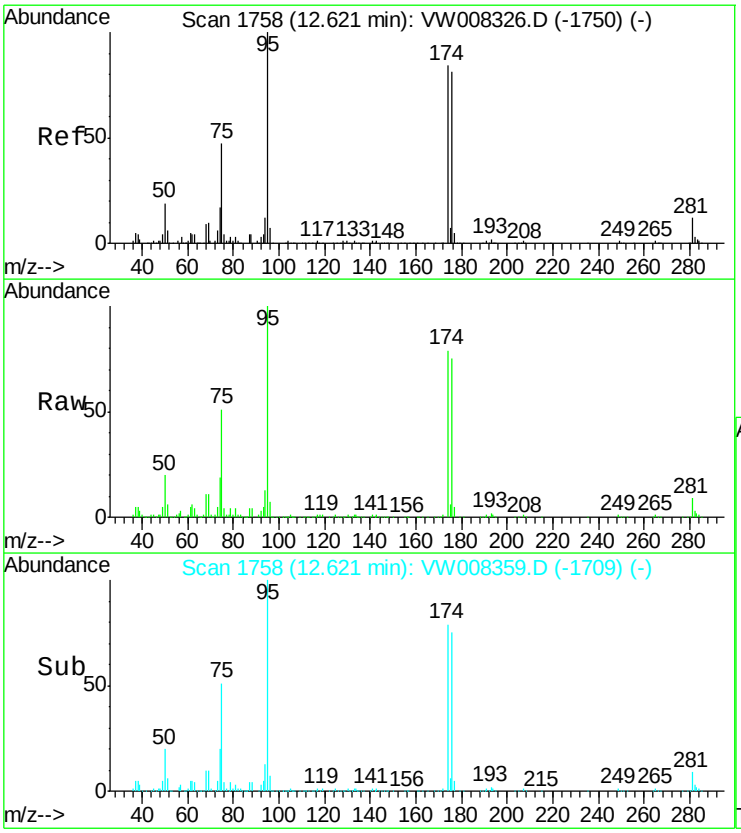
#52
Toluene
Concen: 1.008 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-B

Tgt Ion: 92 Resp: 3031

Ion	Ratio	Lower	Upper
92	100		
91	170.7	140.2	210.2

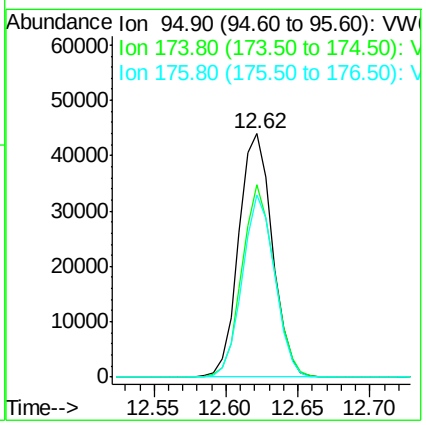


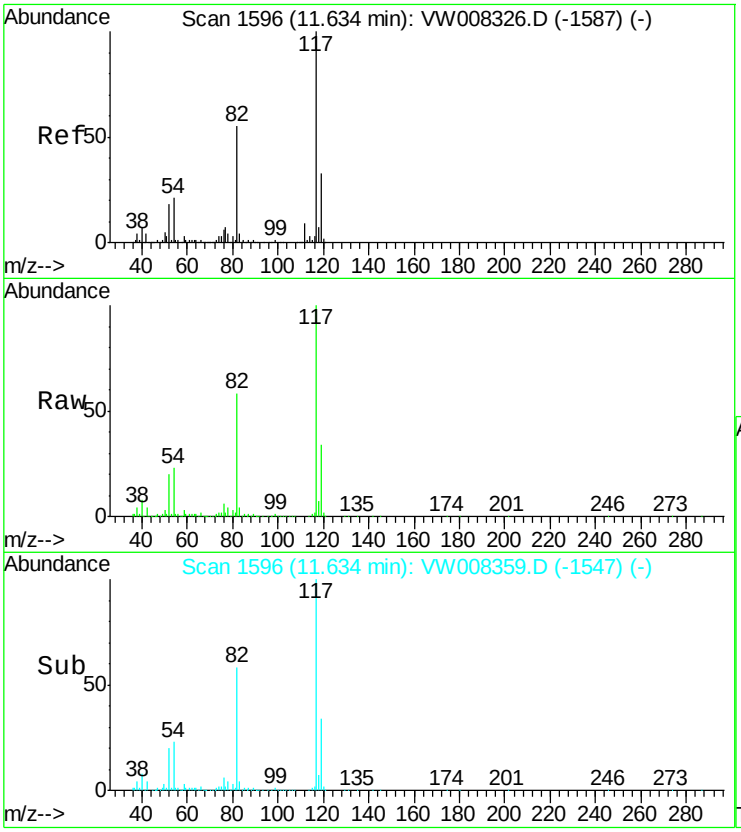


#62
4-Bromofluorobenzene
Concen: 47.131 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Tgt Ion: 95 Resp: 70664

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	166.0
176	72.1	0.0	160.0



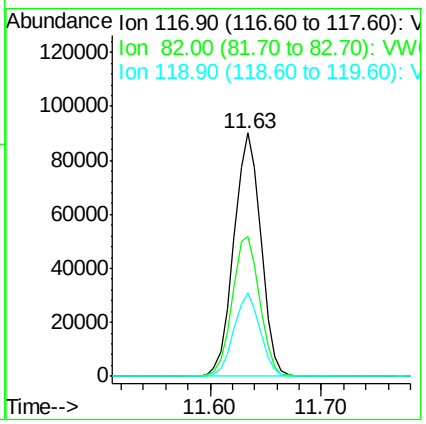


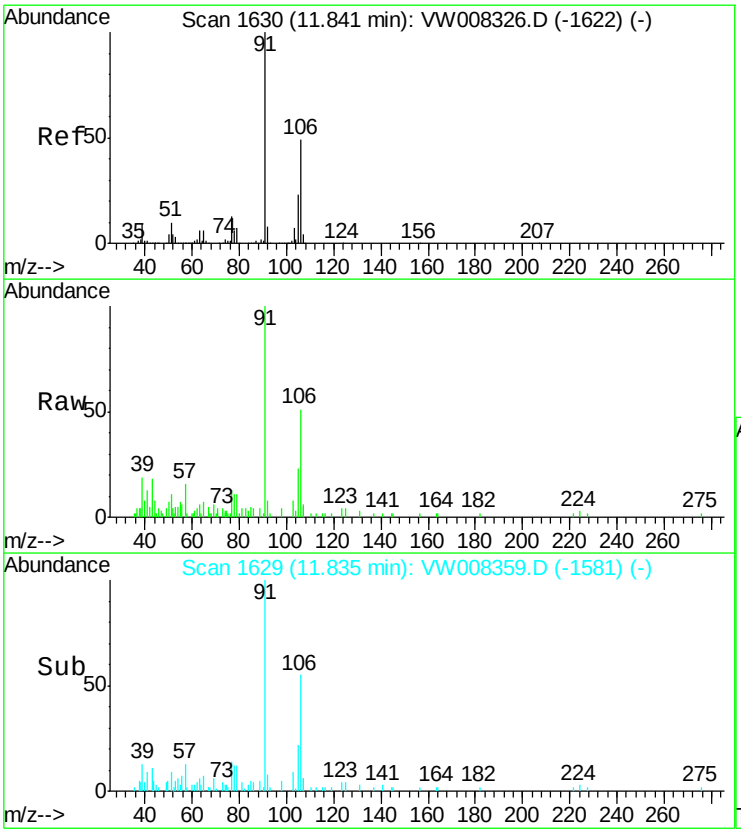
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Tgt Ion:117 Resp: 151165

Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.3	66.5
119	34.3	26.3	39.5

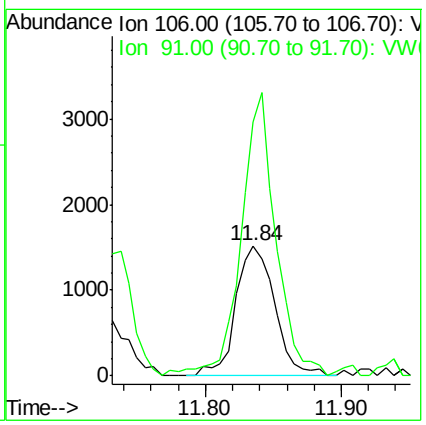


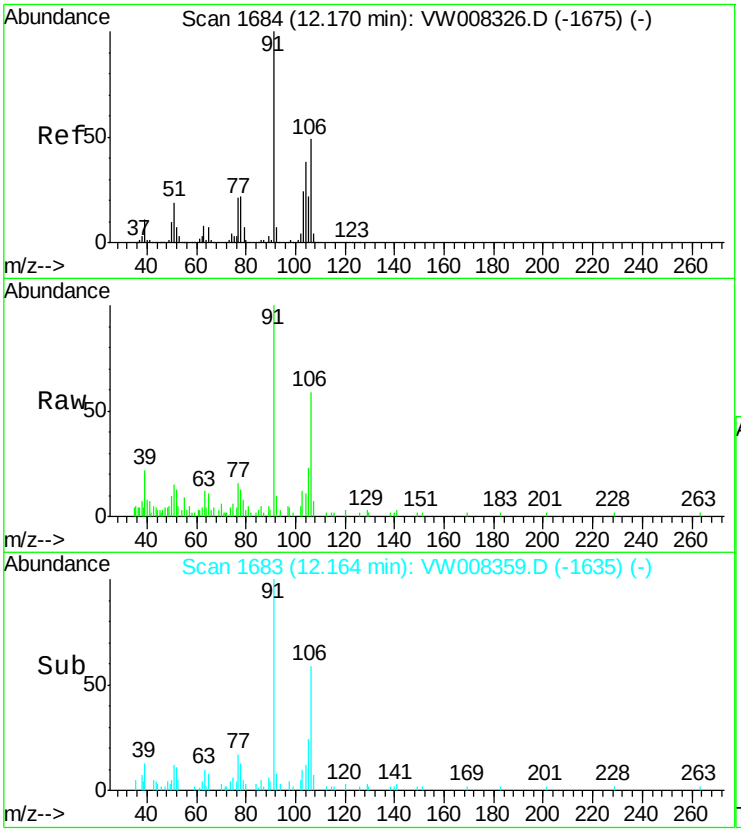


#68
m/p-Xylenes
Concen: 1.370 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Tgt Ion:106 Resp: 3044

Ion	Ratio	Lower	Upper
106	100		
91	194.0	158.4	237.6



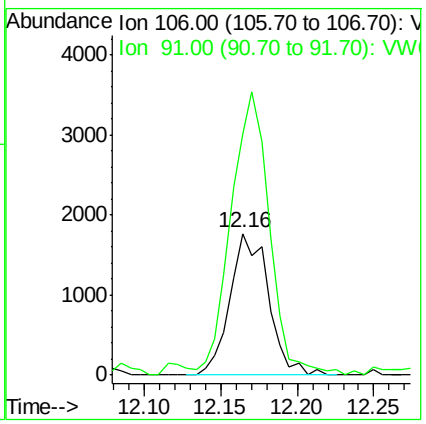


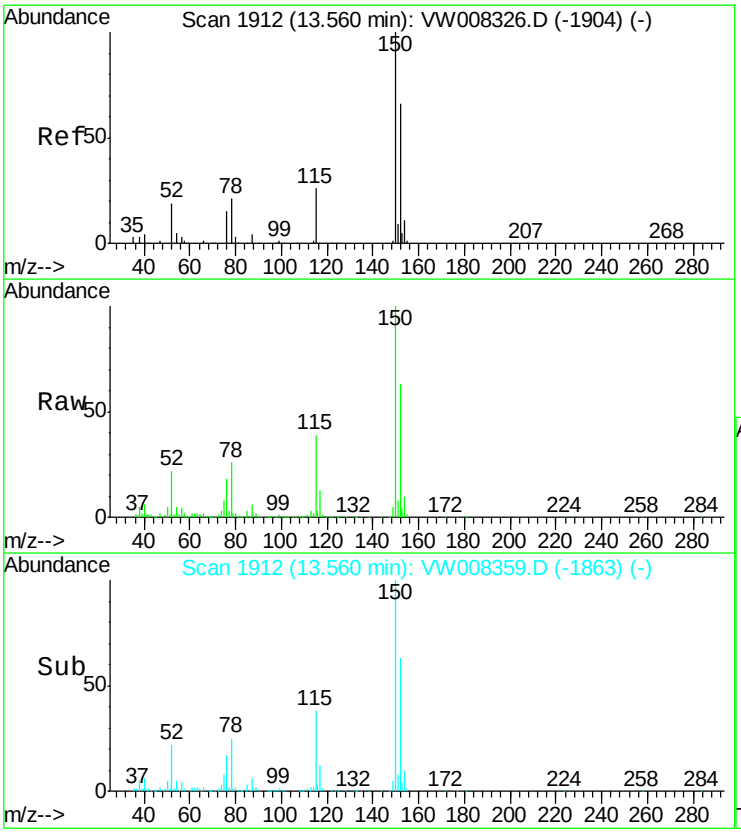
#69
o-Xylene
Concen: 1.486 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Tgt Ion:106 Resp: 3085

Ion	Ratio	Lower	Upper
106	100		
91	199.8	104.1	312.3

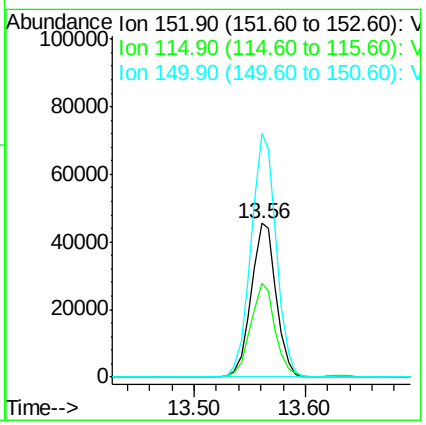


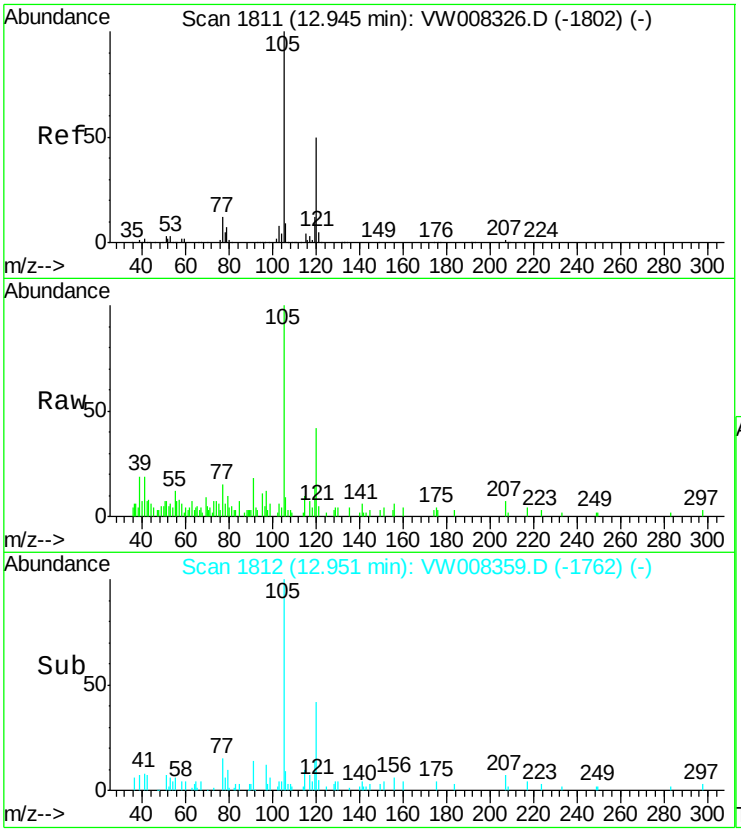


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Tgt Ion:152 Resp: 70919

Ion	Ratio	Lower	Upper
152	100		
115	59.9	28.8	86.4
150	159.6	0.0	351.4



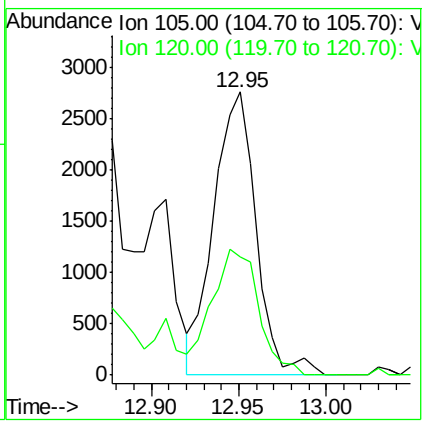


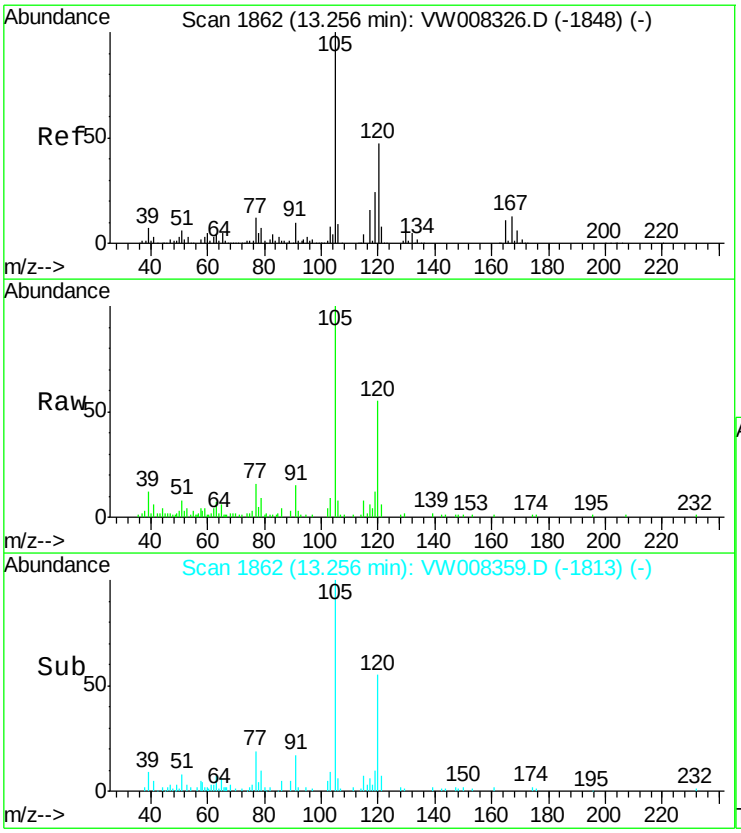
#80
1,3,5-Trimethylbenzene
Concen: 1.079 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-B

Tgt Ion:105 Resp: 4651

Ion	Ratio	Lower	Upper
105	100		
120	49.2	25.6	76.8

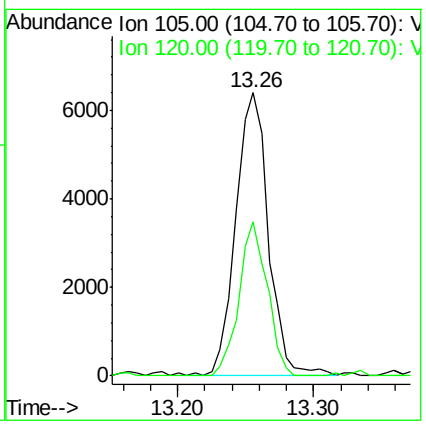


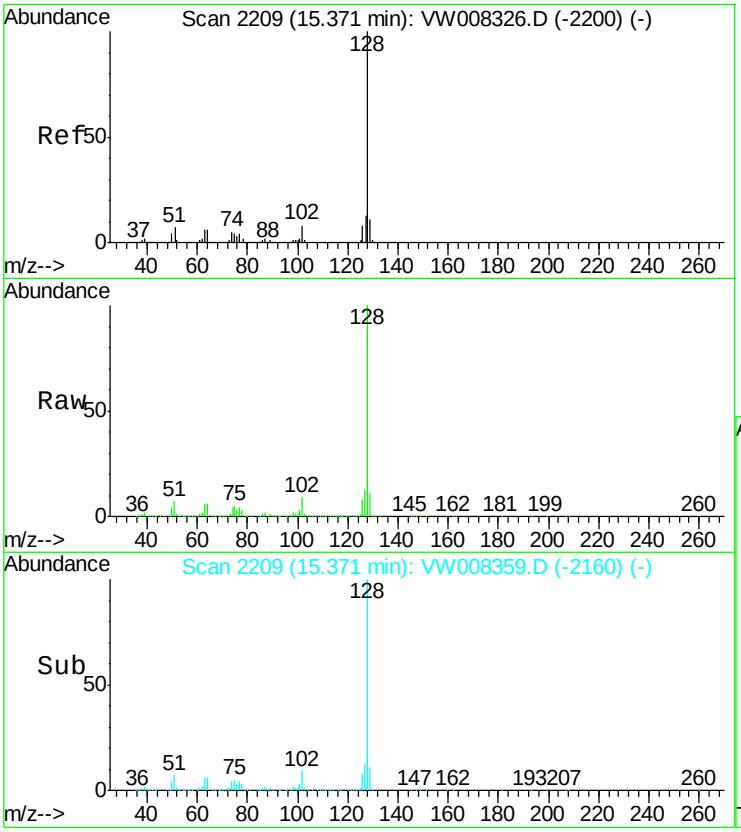


#84
1,2,4-Trimethylbenzene
Concen: 2.437 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Tgt Ion:105 Resp: 10703

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.5	70.6





#95
Naphthalene
Concen: 582.457 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008359.D
Acq: 18 Jan 2019 16:36

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-B

Tgt Ion:128 Resp: 1656375

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.0	8.8	13.2