Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
Data File : VW010797.D
Acq On : 13 Jun 2019 14:55
Operator : SY/VA
Sample : K3346-02RE
Misc : 4.84G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RICH-REC-ROAD-STONE-15RE

Quant Time: Jun 14 08:27:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	172625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	298090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111685	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.78%			
35) Dibromofluoromethane	7.88	113	174	0.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 0.22%			
50) Toluene-d8	10.32	98	311556	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.82%			
62) 4-Bromofluorobenzene	12.62	95	121600	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.20%			
Target Compounds						Qvalue
16) Acetone	4.13	43	37154	68.149	ug/l	97
17) Carbon Disulfide	4.37	76	10340	1.951	ug/l	97
52) Toluene	10.39	92	8485	1.657	ug/l	96
67) Ethyl Benzene	11.73	91	20690	2.089	ug/l	98
68) m/p-Xylenes	11.83	106	11005	3.103	ug/l	99
69) o-Xylene	12.16	106	15576	4.631	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	31940	4.424	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	102468	14.105	ug/l	99
95) Naphthalene	15.37	128	19343	4.544	ug/l	98

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

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RICH-REC-ROAD-STONE-15RE

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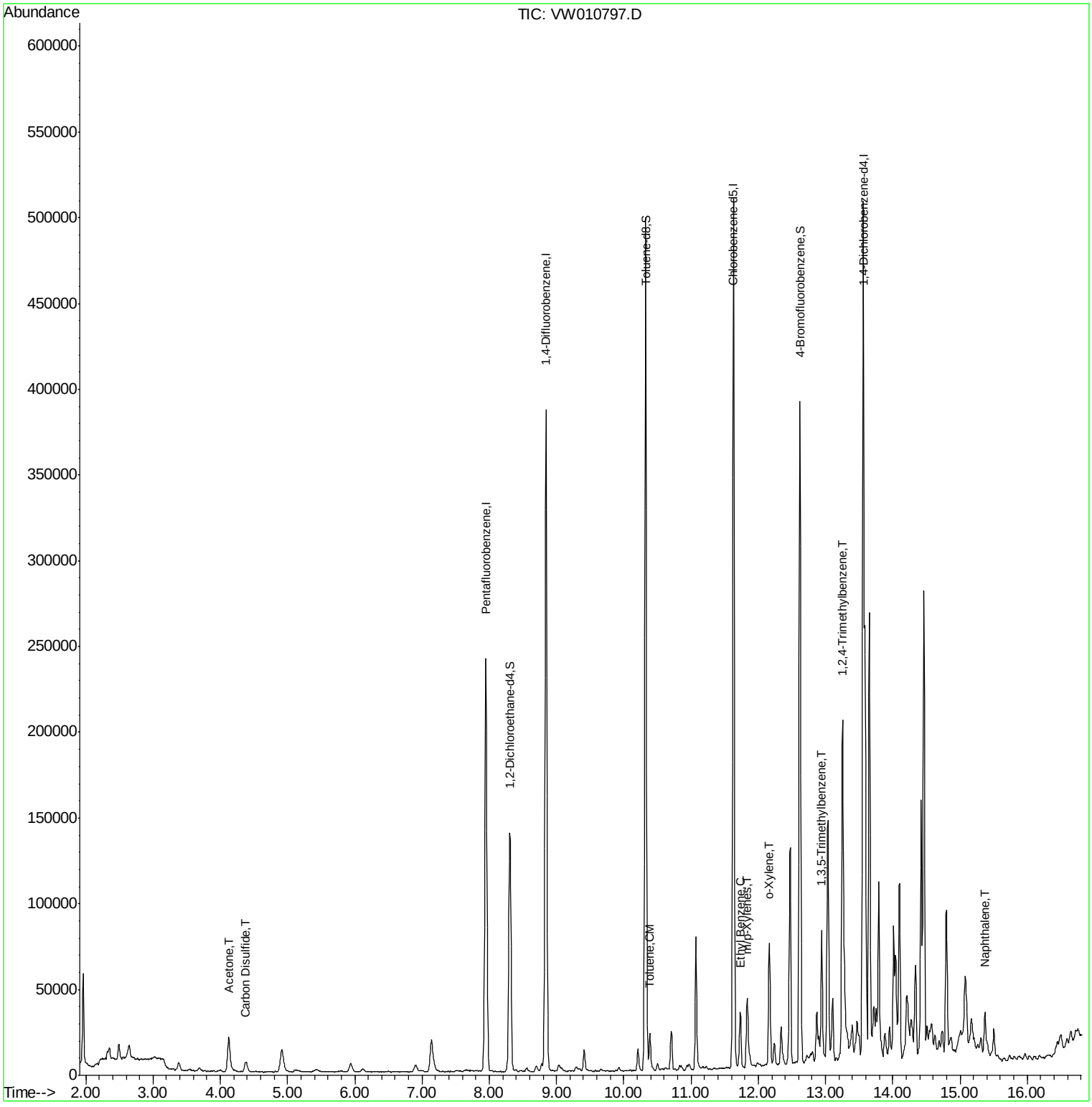
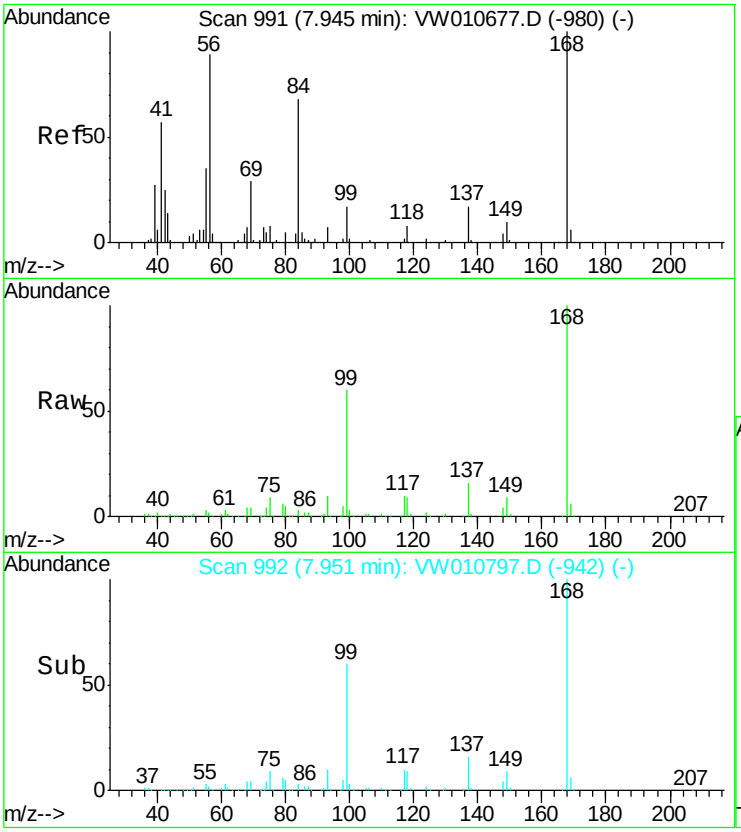
Response via : Initial Calibration



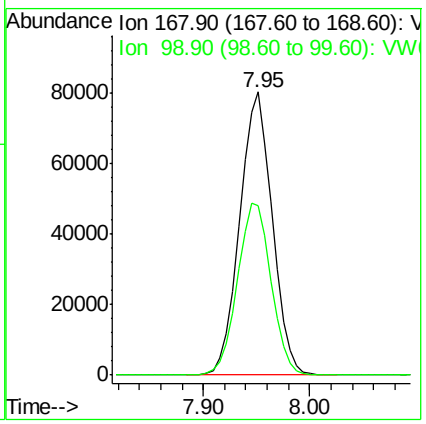


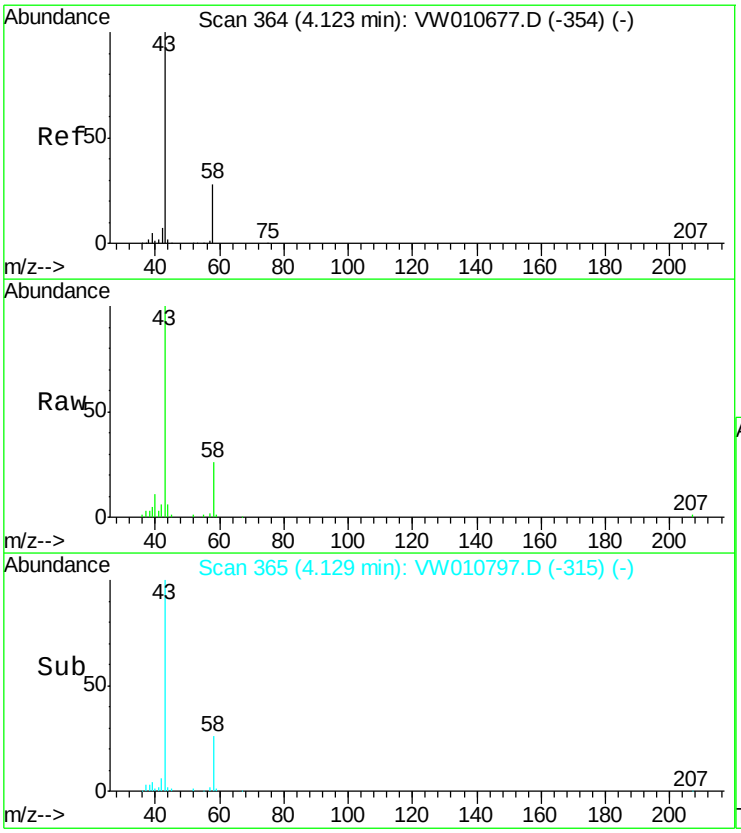
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Instrument :
MSVOA_W
ClientSampleId :
RICH-REC-ROAD-STONE-15RE

Tgt Ion:168 Resp: 172625

Ion	Ratio	Lower	Upper
168	100		
99	59.8	47.7	71.5

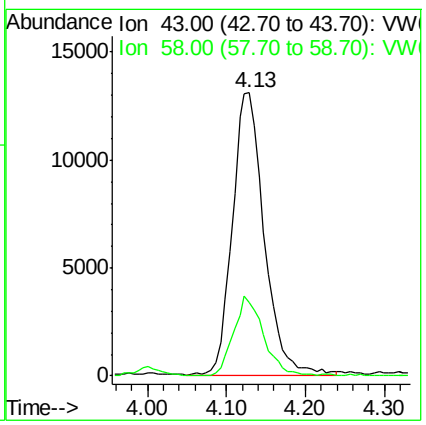


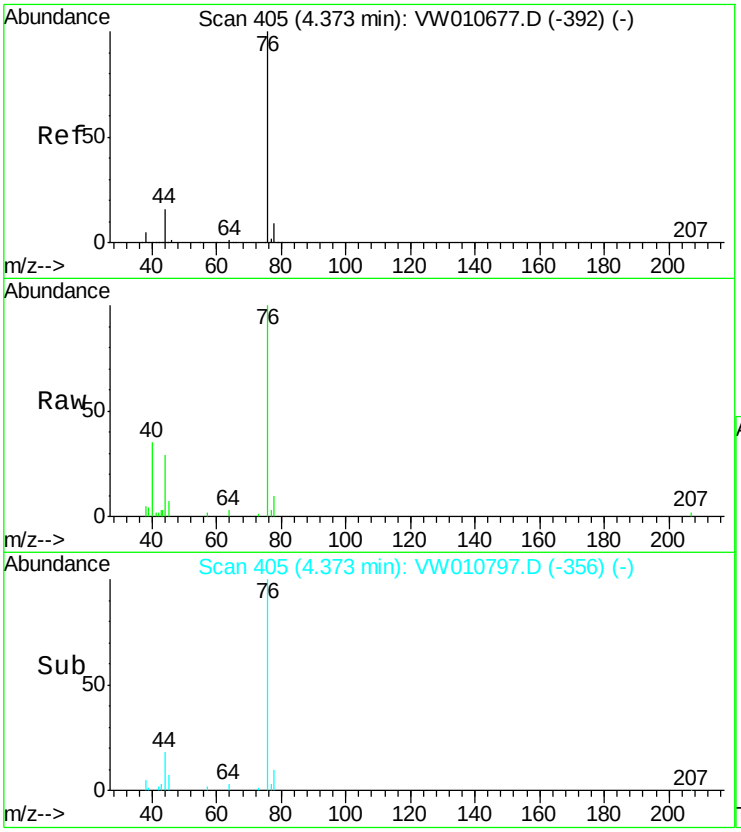


#16
Acetone
Concen: 68.149 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Tgt Ion: 43 Resp: 37154

Ion	Ratio	Lower	Upper
43	100		
58	26.1	22.1	33.1



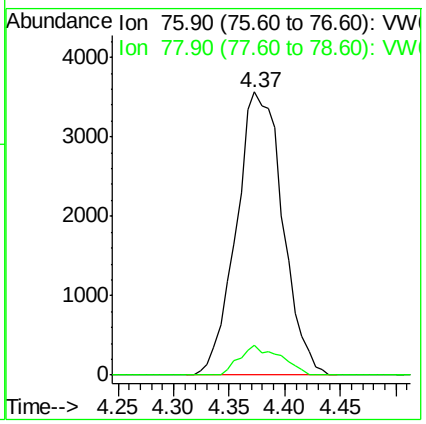


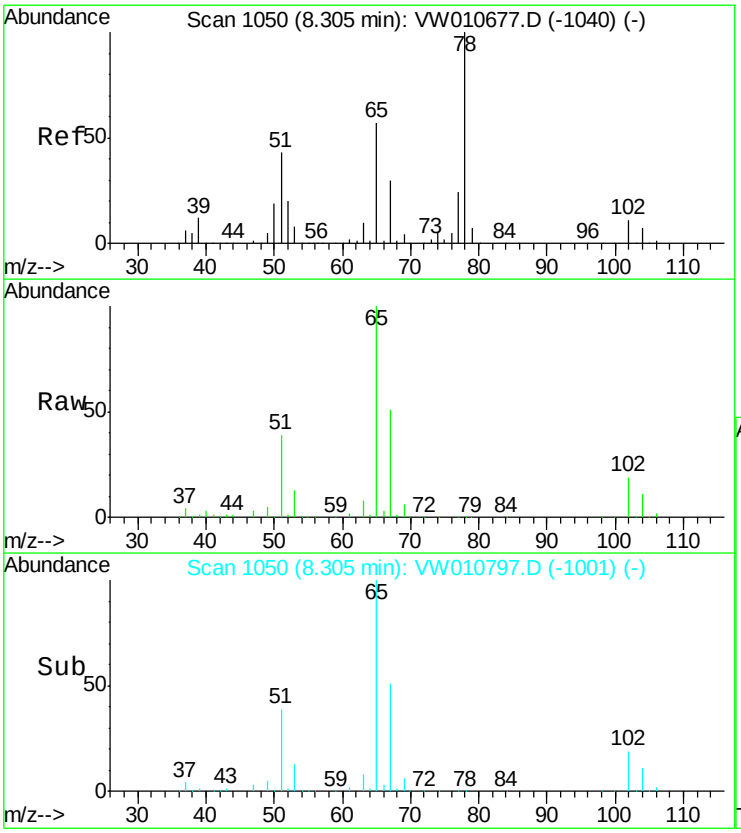
#17
Carbon Disulfide
Concen: 1.951 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Instrument :
MSVOA_W
ClientSampleId :
RICH-REC-ROAD-STONE-15RE

Tgt Ion: 76 Resp: 10340

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.5	11.3

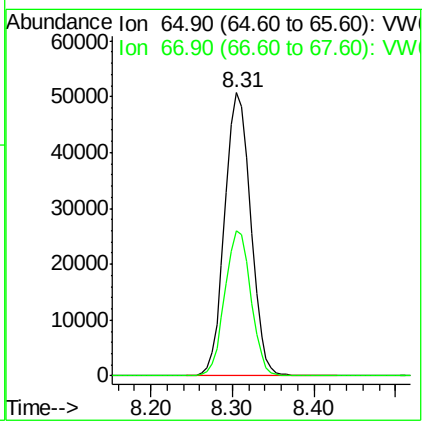


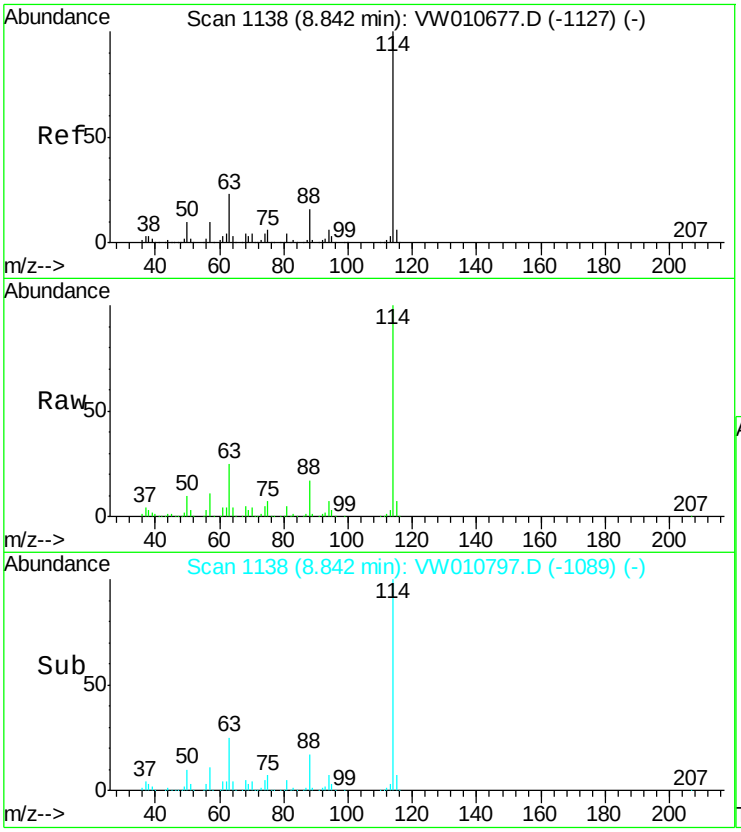


#33
1,2-Dichloroethane-d4
Concen: 54.891 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Tgt Ion: 65 Resp: 111685

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6



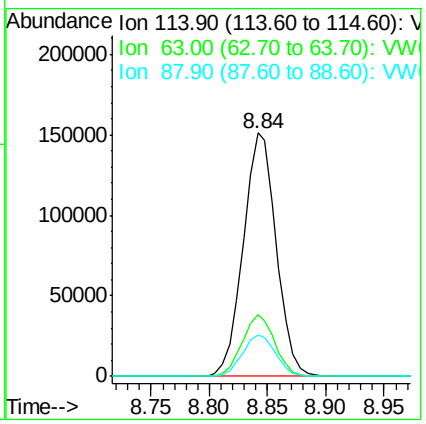


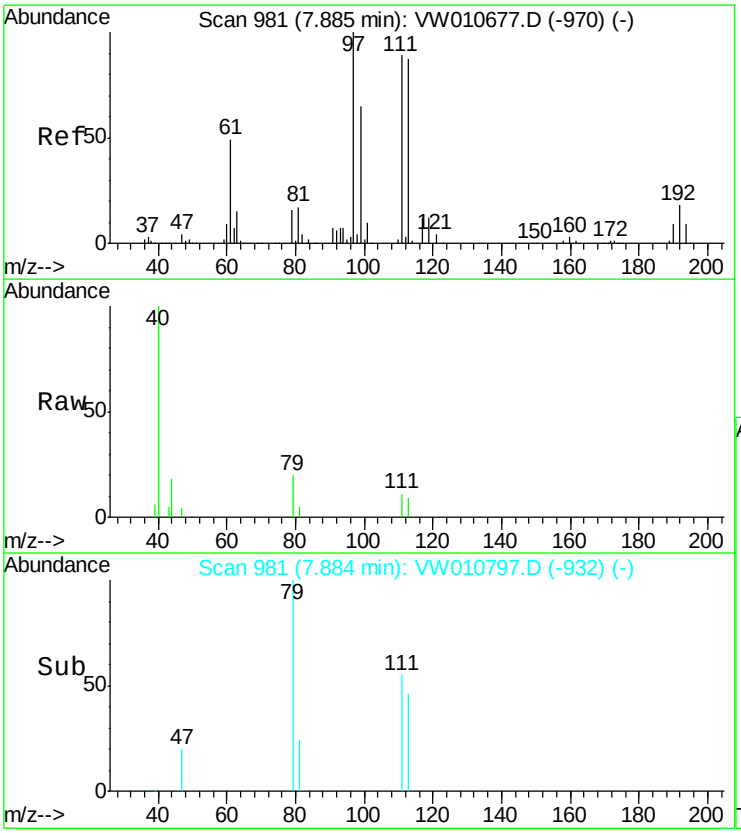
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Instrument :
MSVOA_W
ClientSampleId :
RICH-REC-ROAD-STONE-15RE

Tgt Ion:114 Resp: 298090

Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	46.4
88	17.0	0.0	32.2

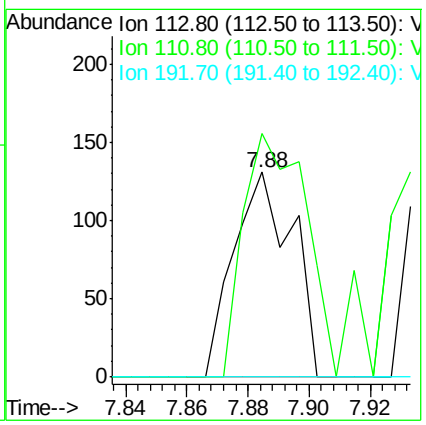


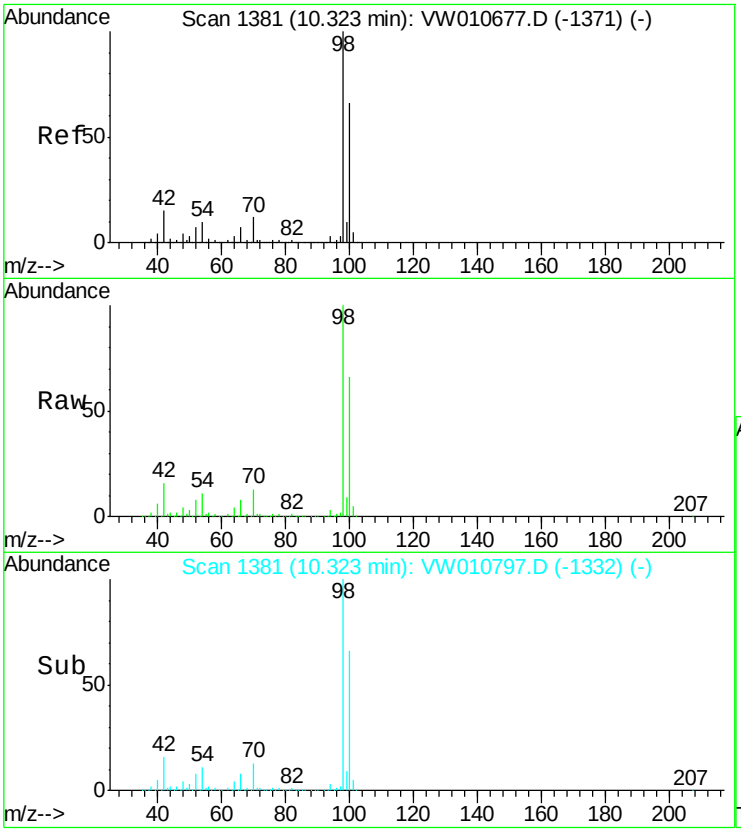


#35
Dibromofluoromethane
Concen: 0.108 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Tgt Ion:113 Resp: 174

Ion	Ratio	Lower	Upper
113	100		
111	127.0	82.6	123.8#
192	0.0	16.4	24.6#



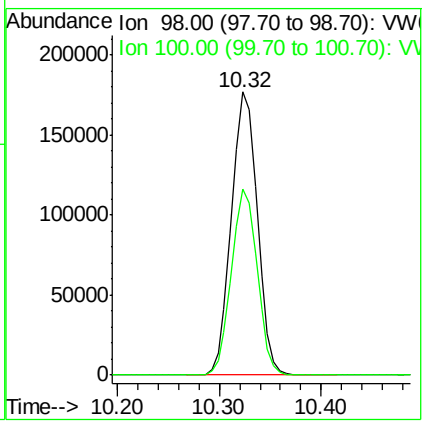


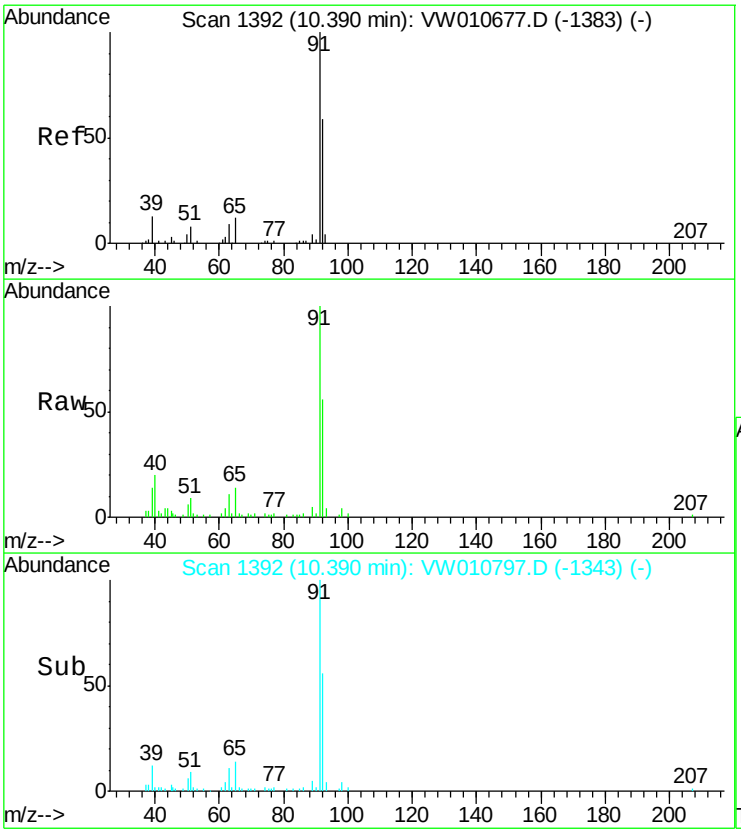
#50
Toluene-d8
Concen: 43.912 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Instrument :
MSVOA_W
ClientSampleId :
RICH-REC-ROAD-STONE-15RE

Tgt Ion: 98 Resp: 311556

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.6

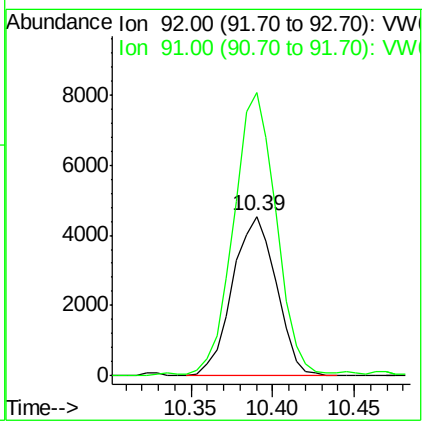


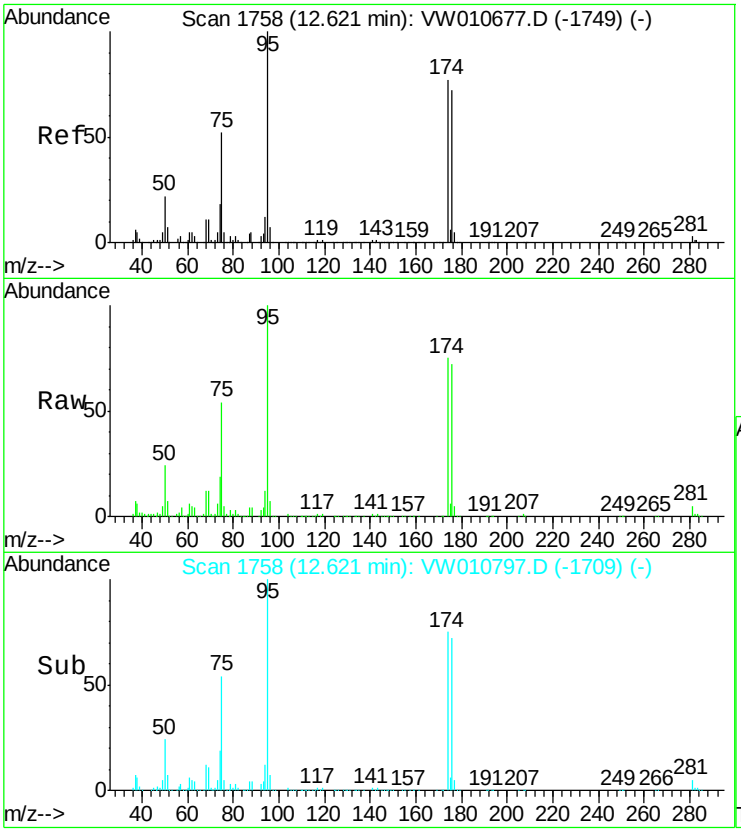


#52
Toluene
Concen: 1.657 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Tgt Ion: 92 Resp: 8485

Ion	Ratio	Lower	Upper
92	100		
91	173.6	134.9	202.3



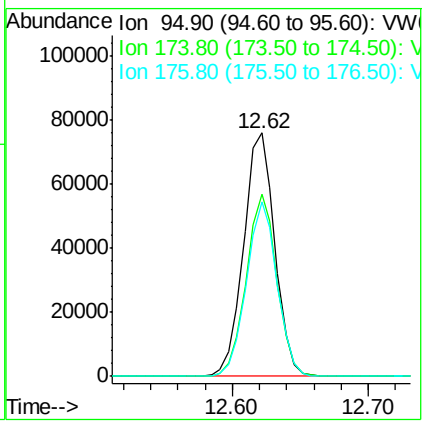


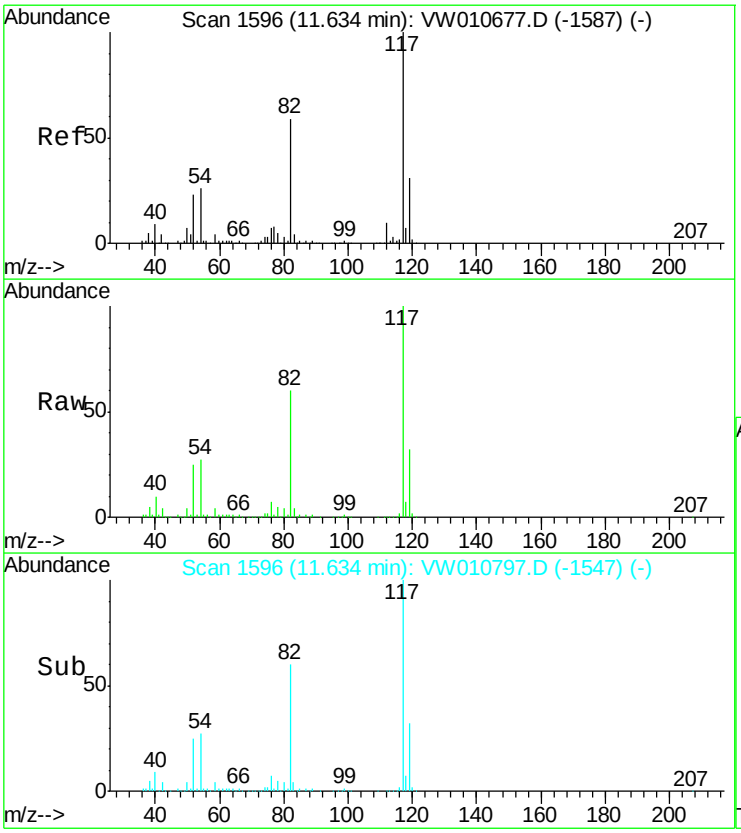
#62
4-Bromofluorobenzene
Concen: 47.099 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Instrument :
MSVOA_W
ClientSampleId :
RICH-REC-ROAD-STONE-15RE

Tgt Ion: 95 Resp: 121600

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	150.4
176	70.6	0.0	144.8

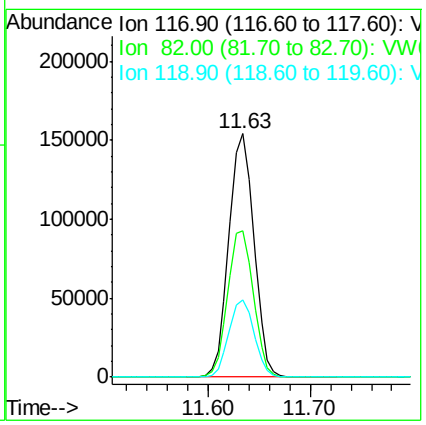


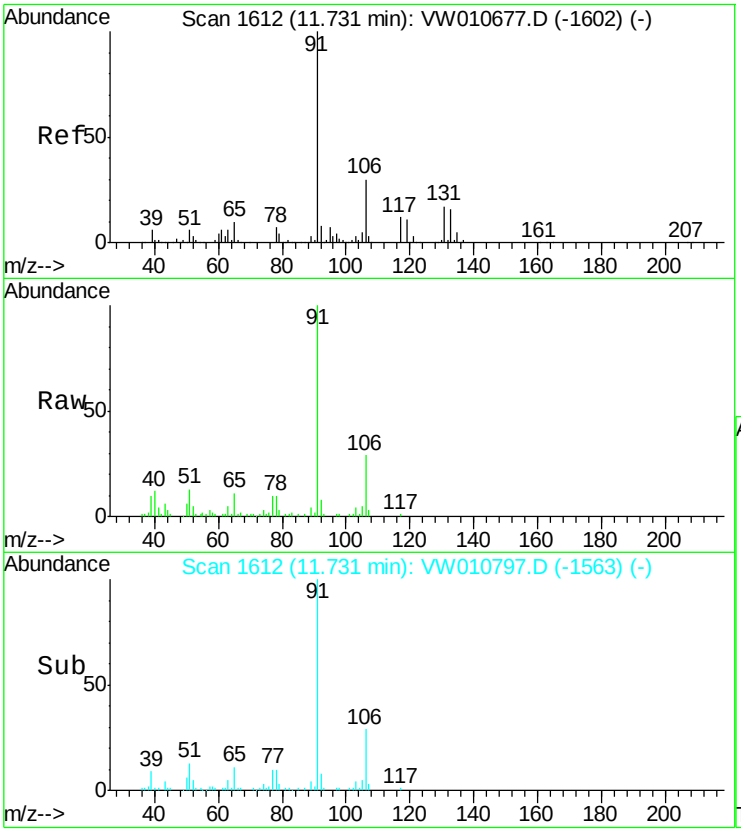


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Tgt Ion:117 Resp: 262117

Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.0	70.4
119	31.7	25.1	37.7



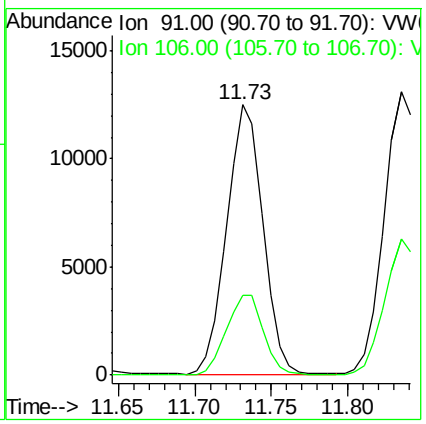


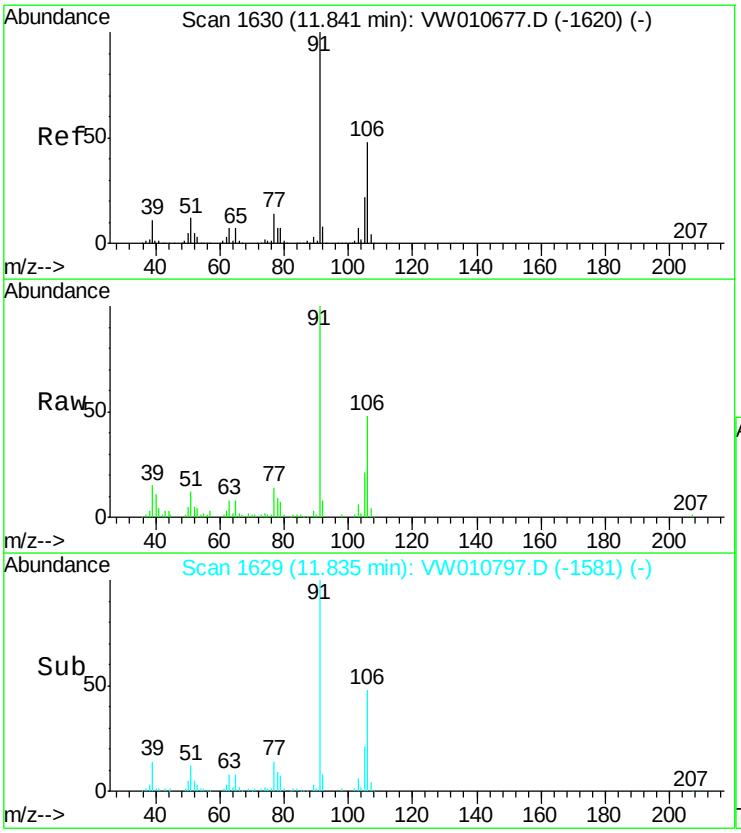
#67
Ethyl Benzene
Concen: 2.089 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Instrument :
MSVOA_W
ClientSampleId :
RICH-REC-ROAD-STONE-15RE

Tgt Ion: 91 Resp: 20690

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.2	36.4

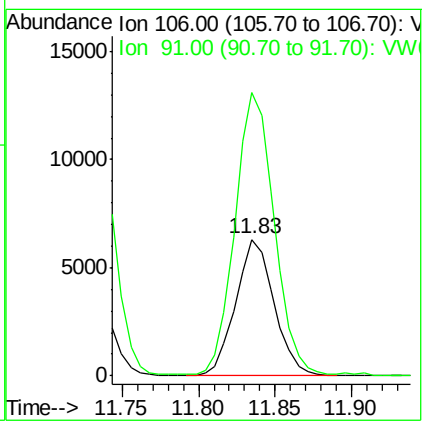


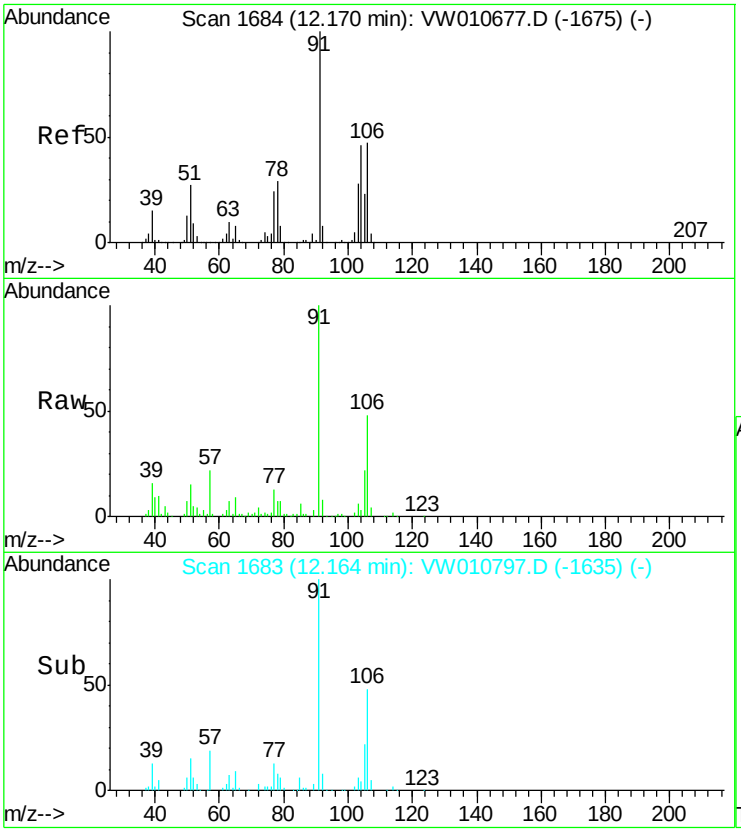


#68
m/p-Xylenes
Concen: 3.103 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Tgt Ion:106 Resp: 11005

Ion	Ratio	Lower	Upper
106	100		
91	209.5	166.5	249.7



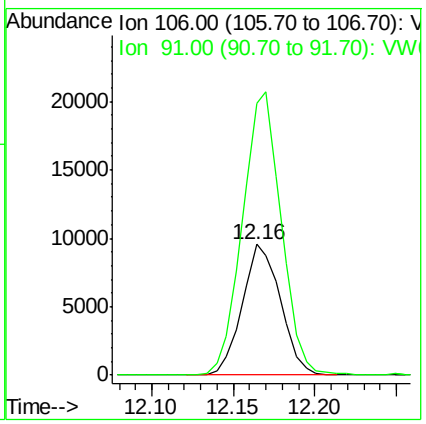


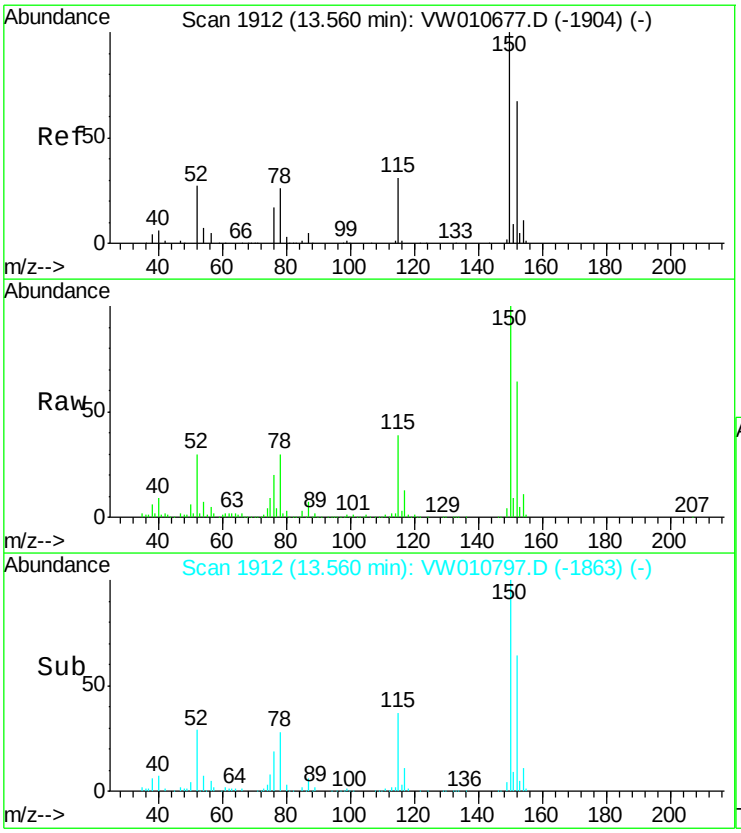
#69
o-Xylene
Concen: 4.631 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Instrument :
MSVOA_W
ClientSampleId :
RICH-REC-ROAD-STONE-15RE

Tgt Ion:106 Resp: 15576

Ion	Ratio	Lower	Upper
106	100		
91	219.6	108.9	326.6

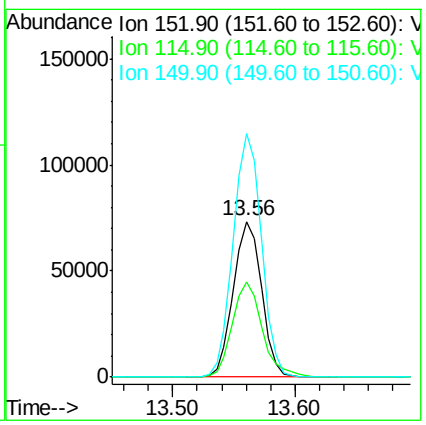


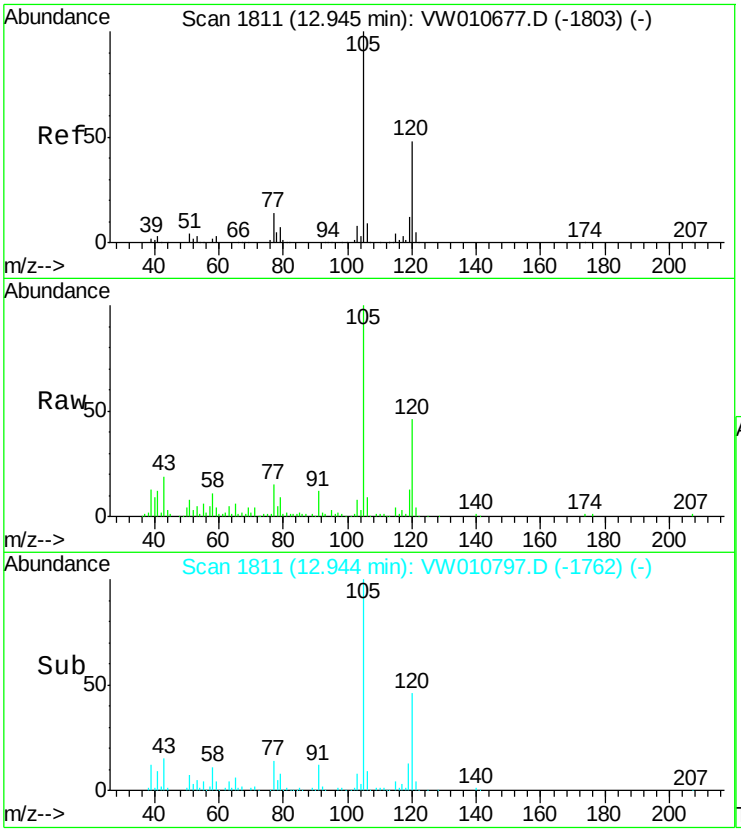


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Tgt Ion:152 Resp: 117367

Ion	Ratio	Lower	Upper
152	100		
115	64.4	29.8	89.3
150	156.1	0.0	345.0



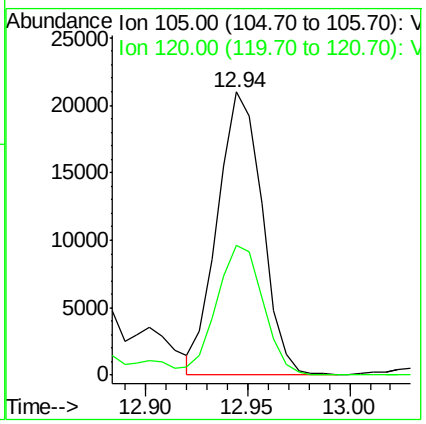


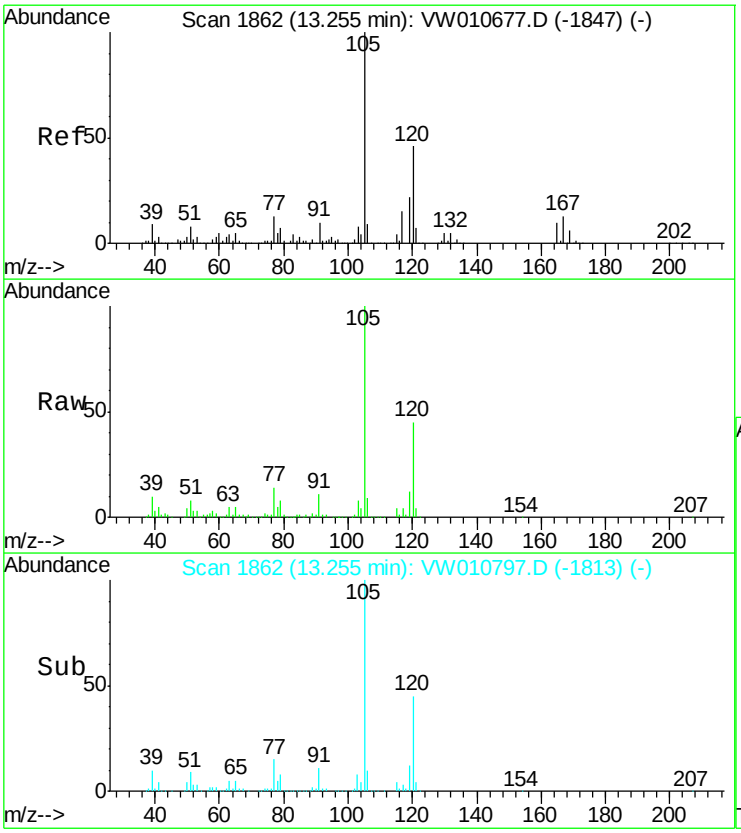
#80
1,3,5-Trimethylbenzene
Concen: 4.424 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Instrument :
MSVOA_W
ClientSampleId :
RICH-REC-ROAD-STONE-15RE

Tgt Ion:105 Resp: 31940

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.3	72.8

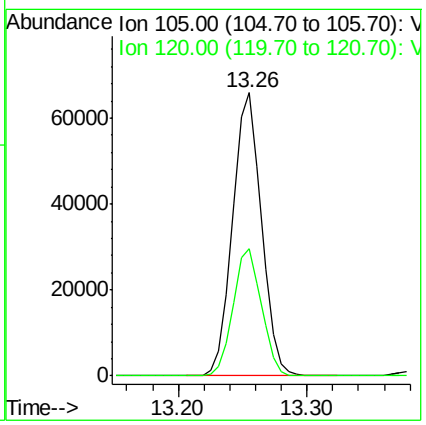


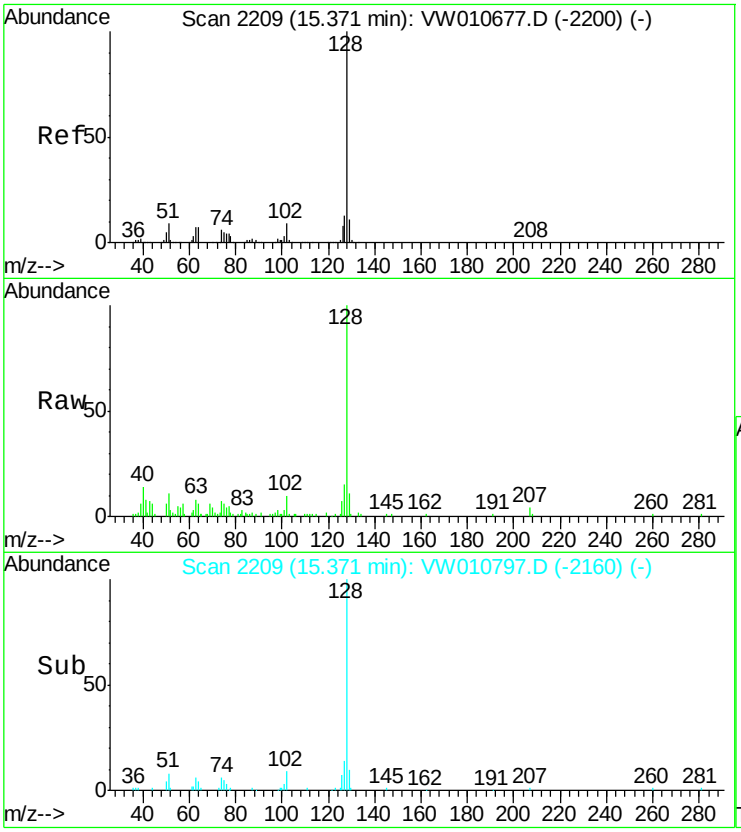


#84
1,2,4-Trimethylbenzene
Concen: 14.105 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Tgt Ion:105 Resp: 102468

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.5	67.5





#95
Naphthalene
Concen: 4.544 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010797.D
Acq: 13 Jun 2019 14:55

Instrument :
MSVOA_W
ClientSampleId :
RICH-REC-ROAD-STONE-15RE

Tgt Ion:128 Resp: 19343

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	11.2	8.6	13.0