Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041720\
Data File : VY002390.D
Acq On : 17 Apr 2020 11:53
Operator : SY/MD
Sample : L2284-01
Misc : 7.51G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-11-(4-5)

Quant Time: Apr 18 04:57:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	155961	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	308703	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	289263	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	121629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79990	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.24%			
35) Dibromofluoromethane	7.74	113	89722	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.68%			
50) Toluene-d8	10.19	98	367276	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.54%			
62) 4-Bromofluorobenzene	12.49	95	125703	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.12%			
Target Compounds						Qvalue
16) Acetone	3.97	43	19010	41.615	ug/l	96
17) Carbon Disulfide	4.22	76	8508	1.360	ug/l	98
25) 2-Butanone	7.03	43	6667	9.222	ug/l #	85
52) Toluene	10.25	92	258109	46.425	ug/l	99
67) Ethyl Benzene	11.60	91	168935	15.347	ug/l	100
68) m/p-Xylenes	11.71	106	128453	31.156	ug/l	98
69) o-Xylene	12.04	106	118455	30.603	ug/l	98

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

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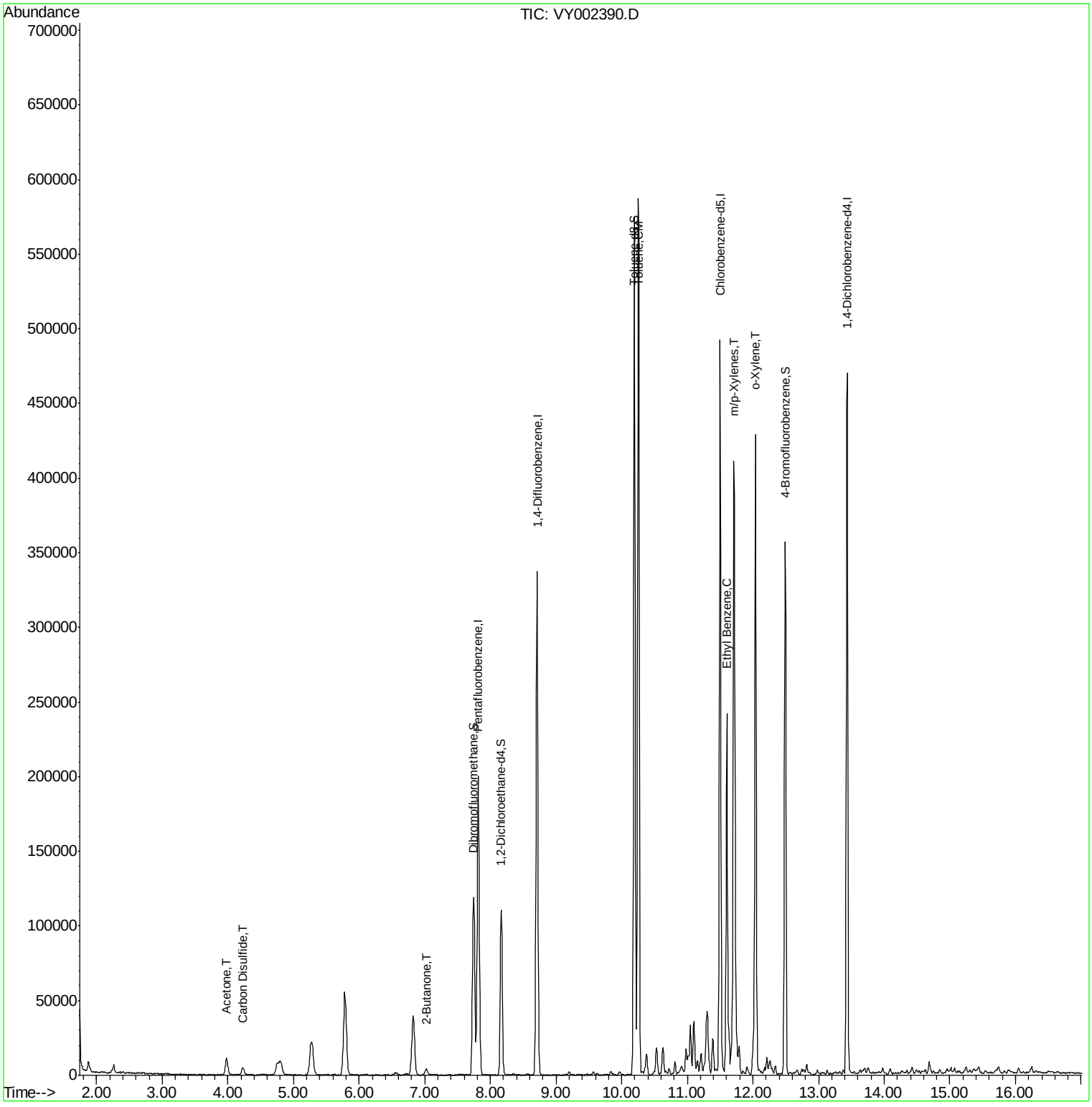
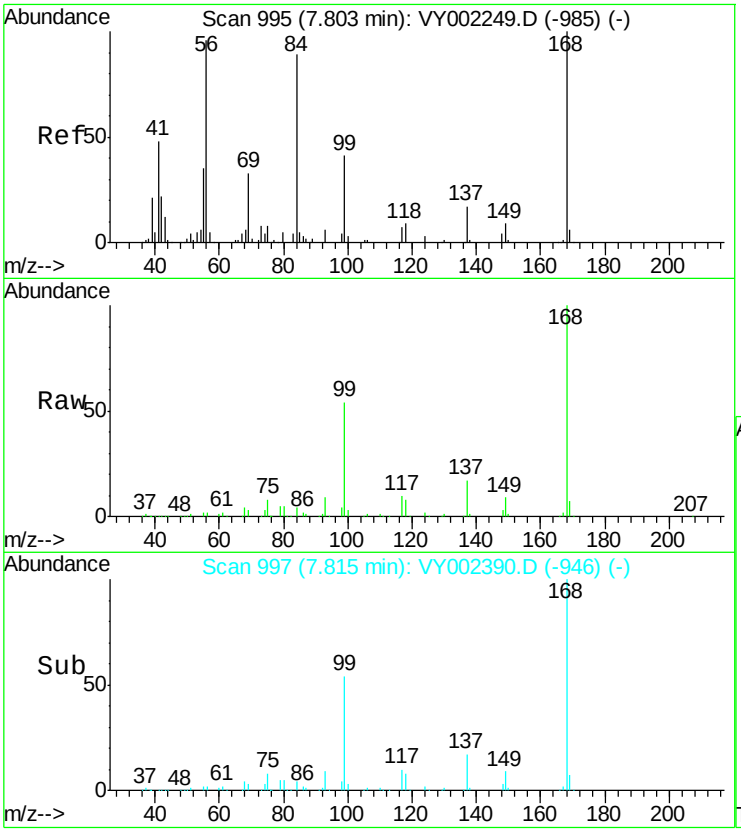


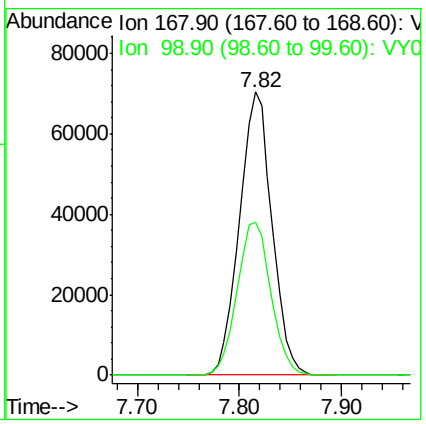


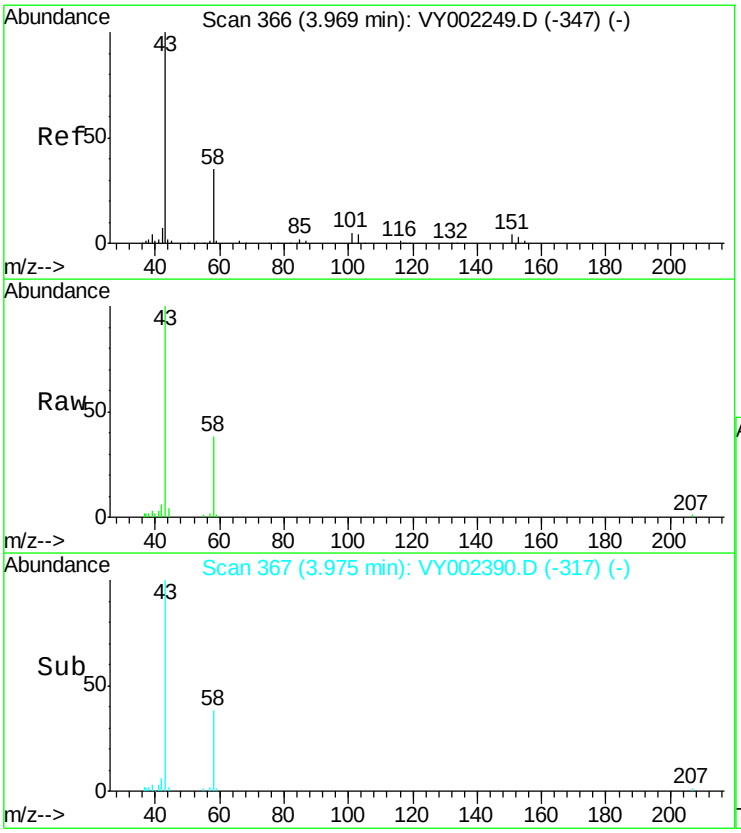
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-(4-5)

Tgt Ion:168 Resp: 155961

Ion	Ratio	Lower	Upper
168	100		
99	54.2	48.0	72.0

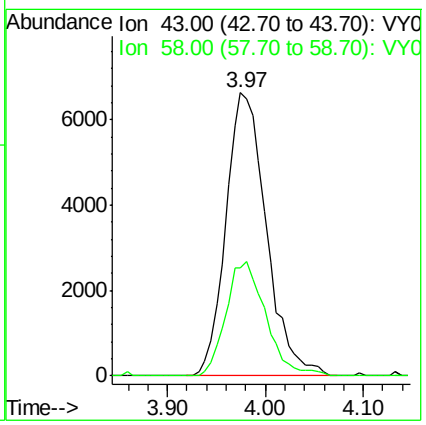


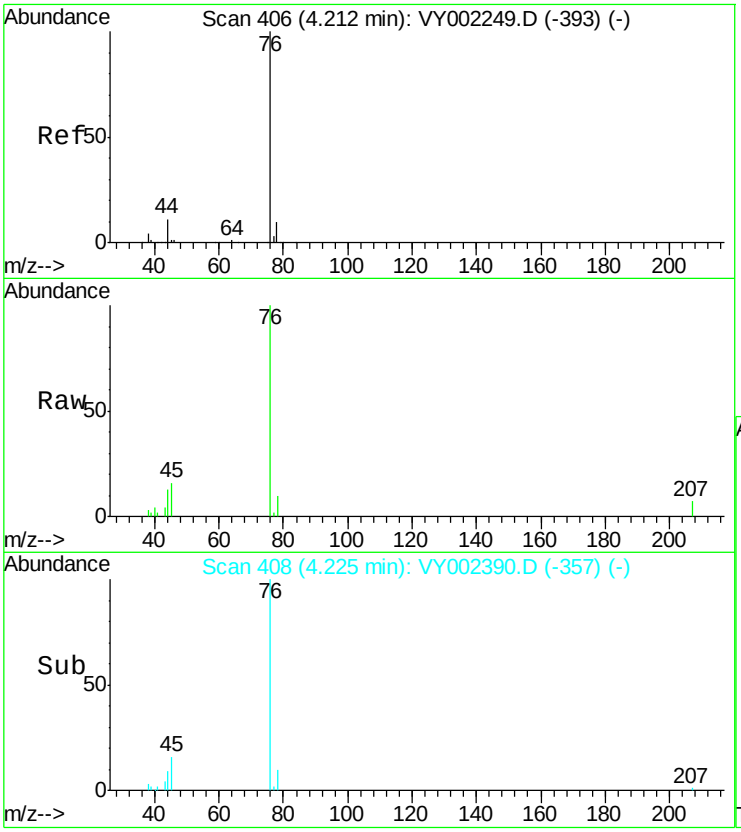


#16
Acetone
Concen: 41.615 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 43 Resp: 19010

Ion	Ratio	Lower	Upper
43	100		
58	38.1	28.5	42.7



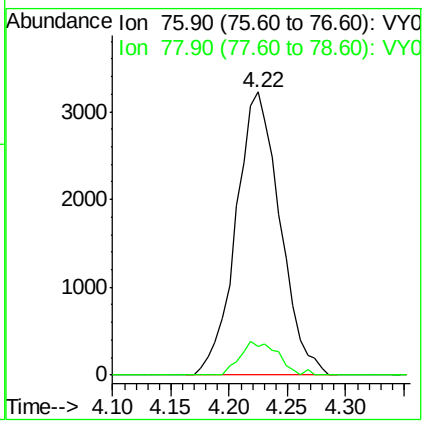


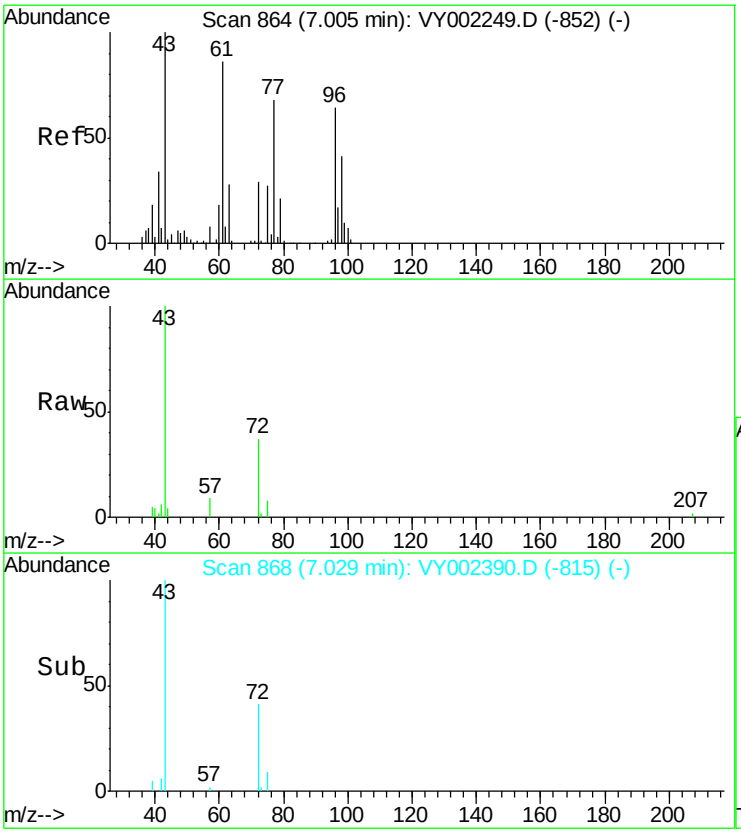
#17
Carbon Disulfide
Concen: 1.360 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-(4-5)

Tgt Ion: 76 Resp: 8508

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.7	11.5

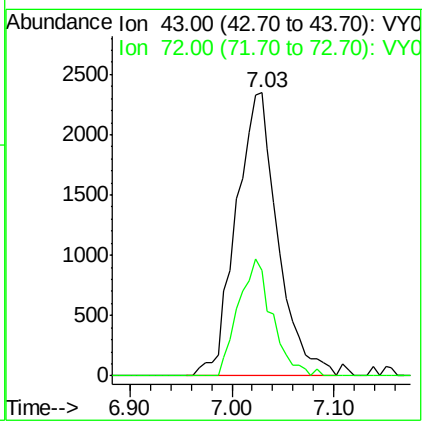


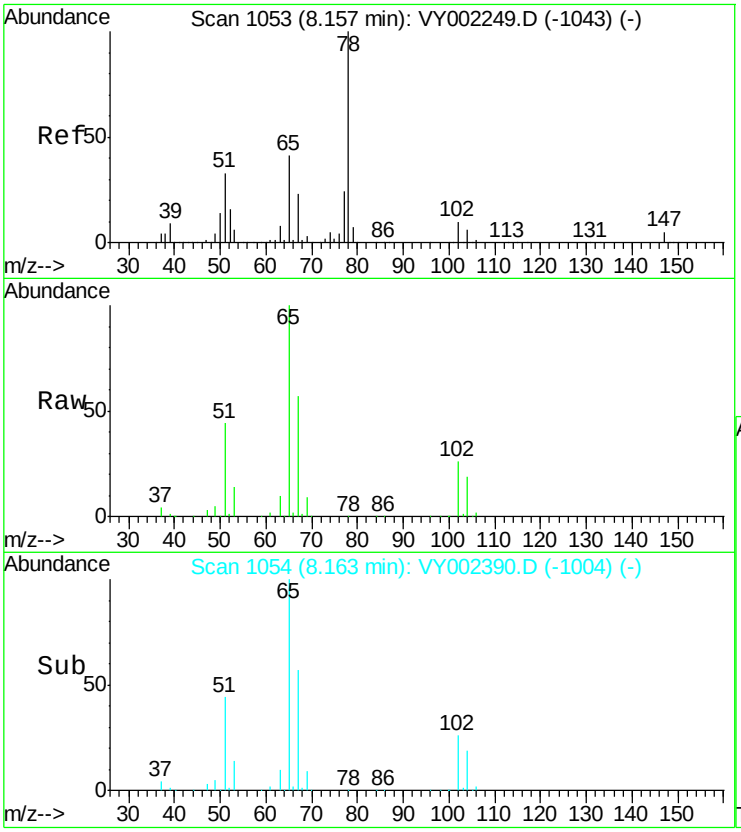


#25
2-Butanone
Concen: 9.222 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.02 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 43 Resp: 6667

Ion	Ratio	Lower	Upper
43	100		
72	37.2	23.2	34.8#



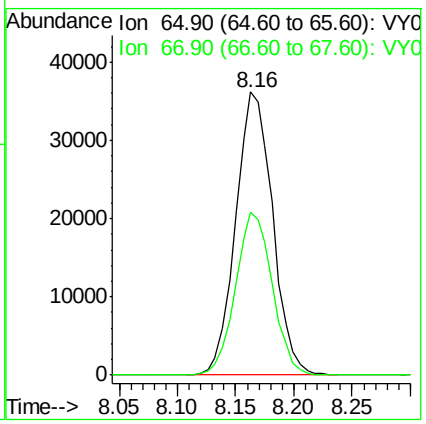


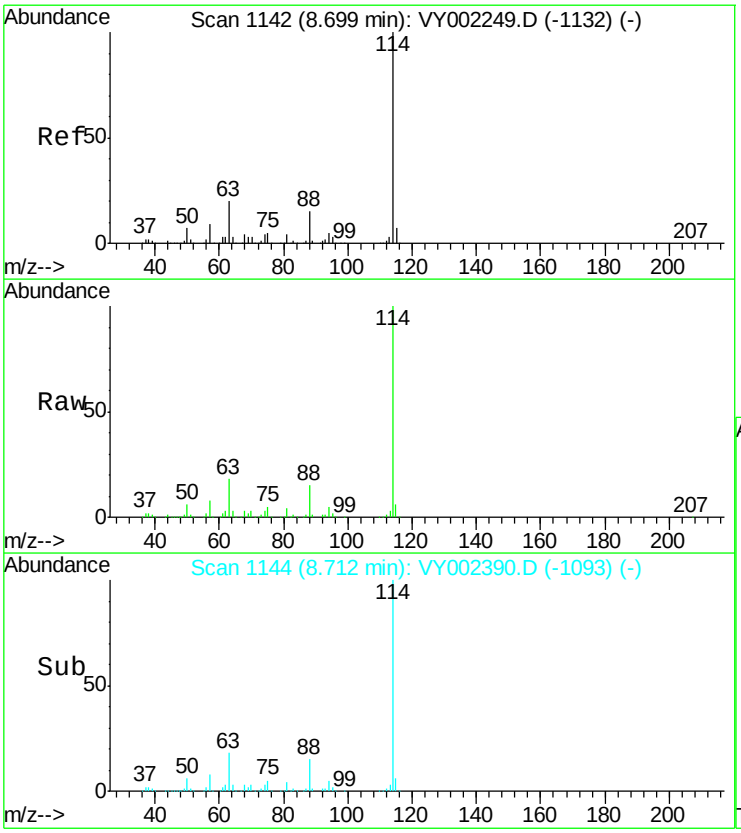
#33
1,2-Dichloroethane-d4
Concen: 46.120 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-(4-5)

Tgt Ion: 65 Resp: 79990

Ion	Ratio	Lower	Upper
65	100		
67	57.1	0.0	114.0

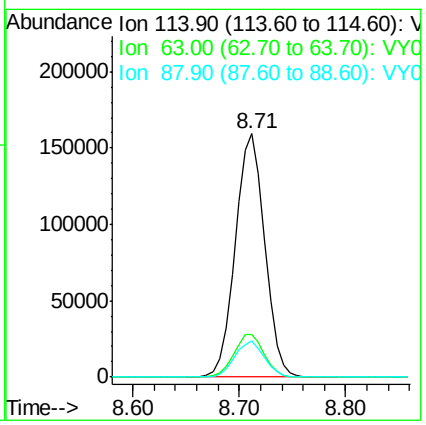


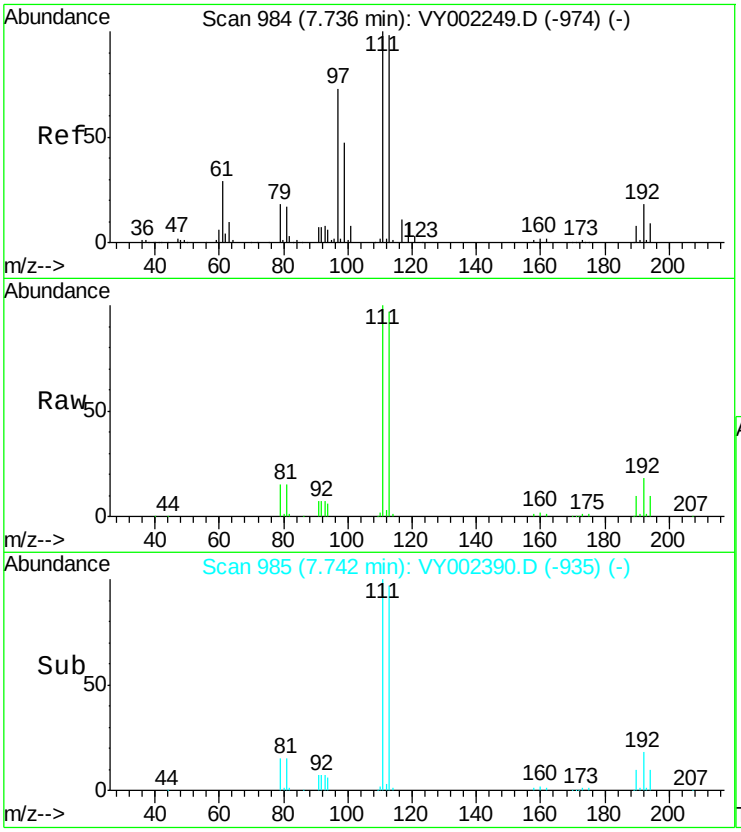


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion:114 Resp: 308703

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	39.0
88	15.0	0.0	31.0



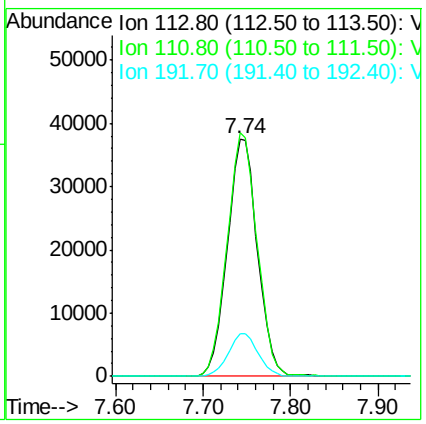


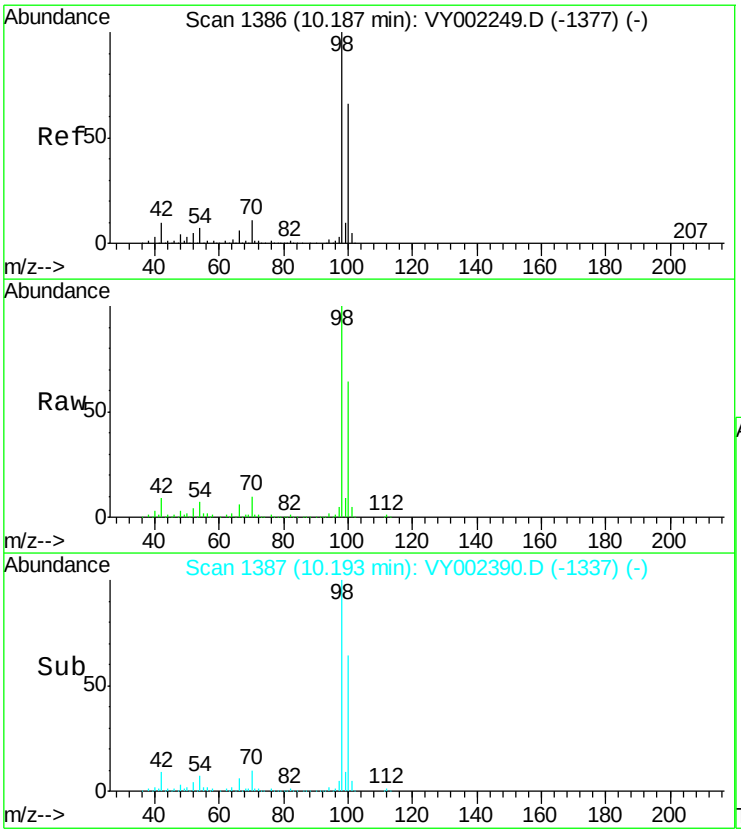
#35
Dibromofluoromethane
Concen: 48.845 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-(4-5)

Tgt Ion:113 Resp: 89722

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.5	125.3
192	17.9	14.7	22.1

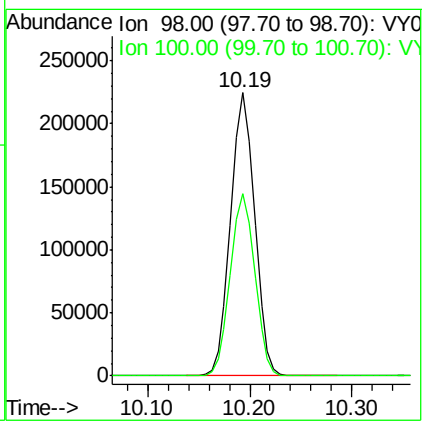


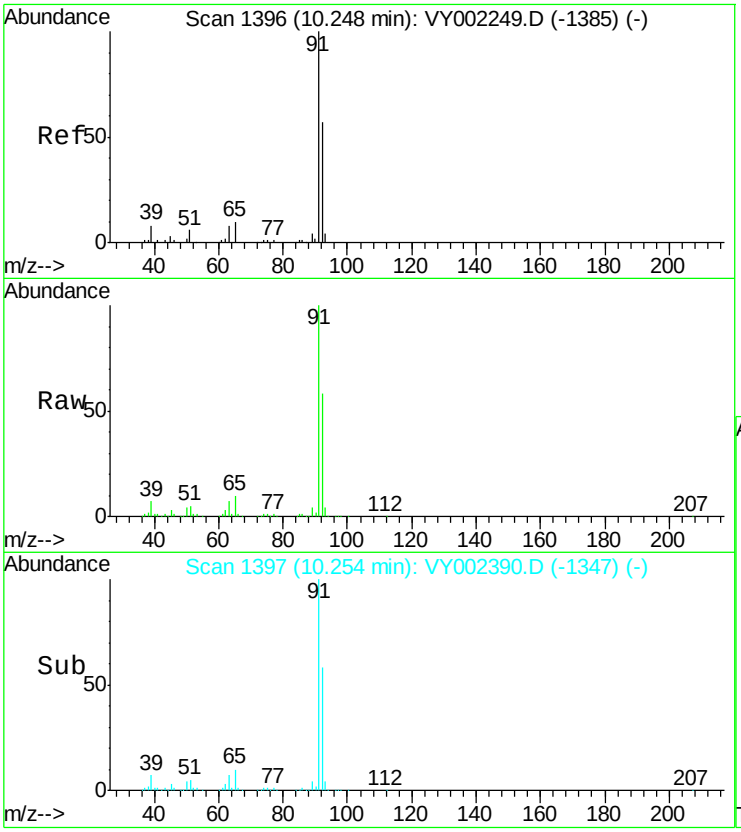


#50
Toluene-d8
Concen: 47.770 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 98 Resp: 367276

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8



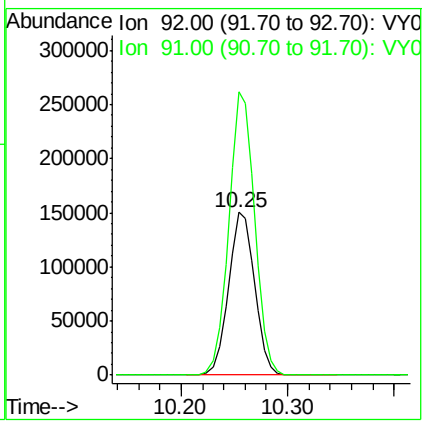


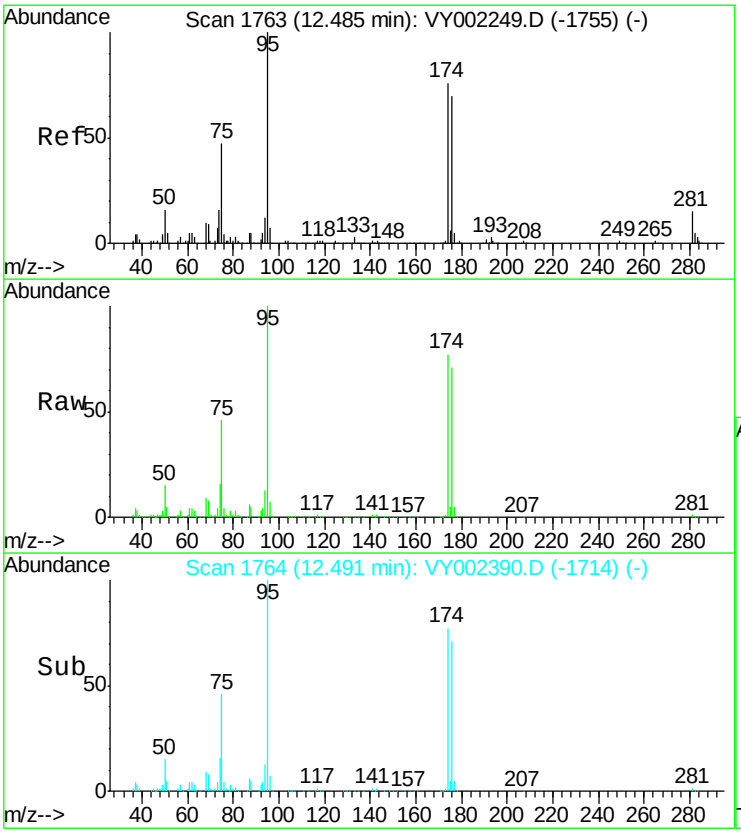
#52
Toluene
Concen: 46.425 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-(4-5)

Tgt Ion: 92 Resp: 258109

Ion	Ratio	Lower	Upper
92	100		
91	172.2	139.0	208.6

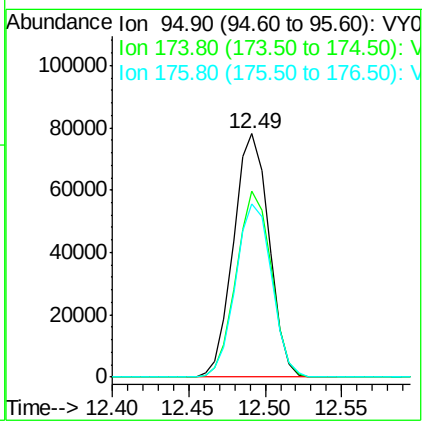


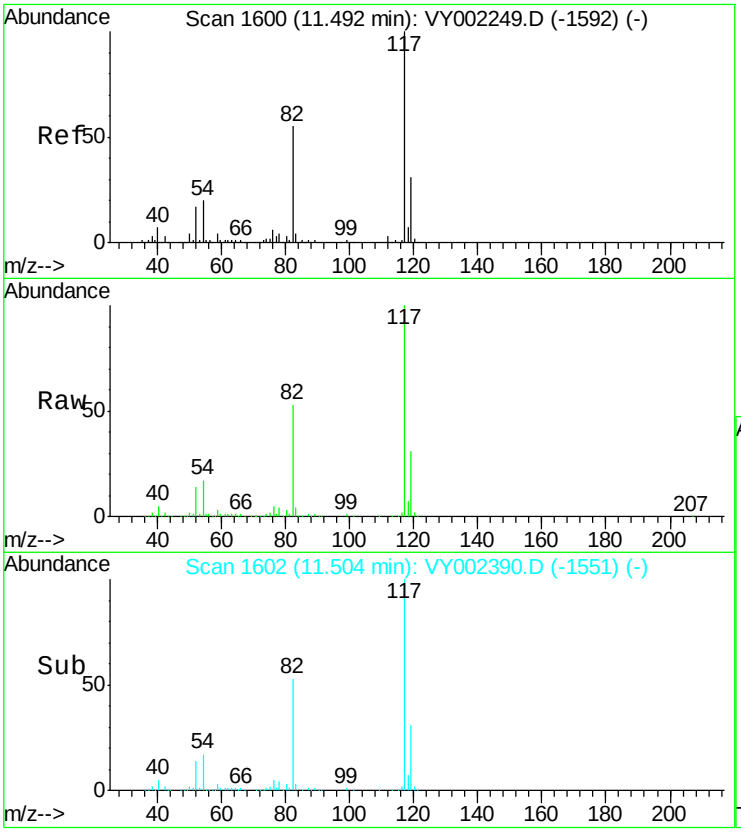


#62
4-Bromofluorobenzene
Concen: 49.557 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 95 Resp: 125703

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	150.6
176	72.3	0.0	141.4



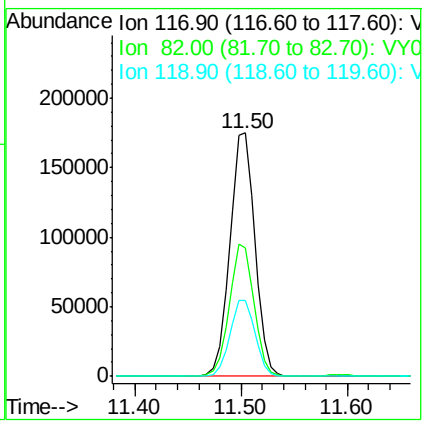


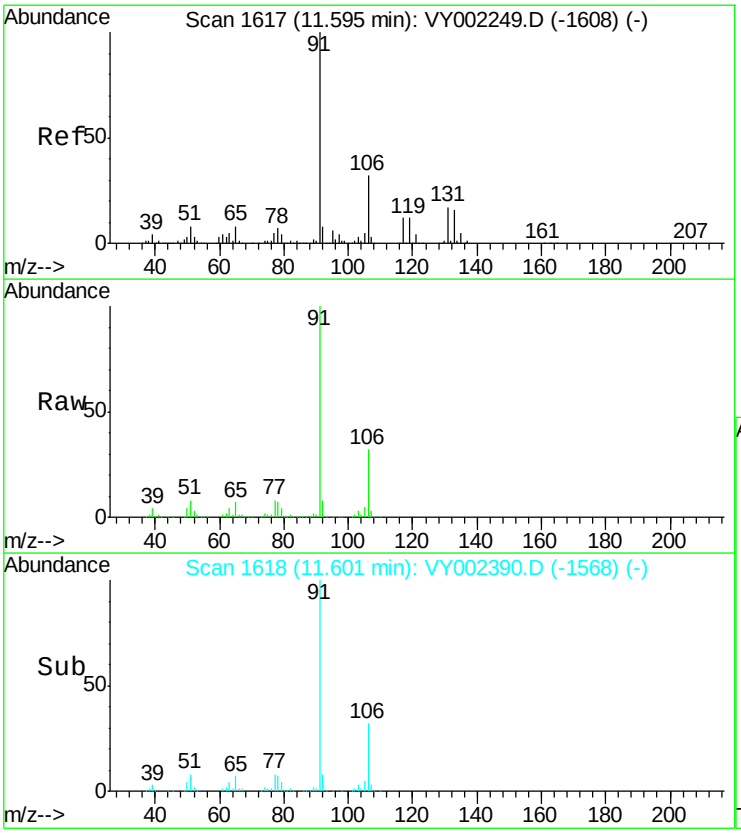
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument : MSVOA_Y
ClientSampleId : TP-11-(4-5)

Tgt Ion:117 Resp: 289263

Ion	Ratio	Lower	Upper
117	100		
82	52.6	44.2	66.4
119	31.2	25.1	37.7

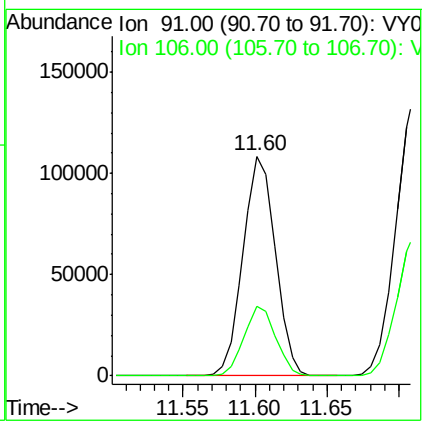


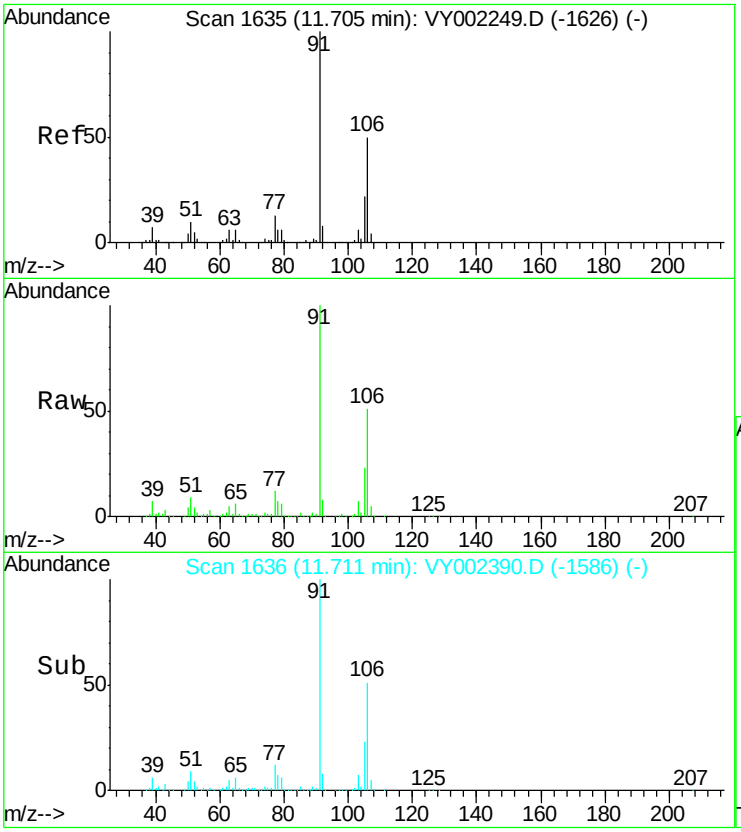


#67
Ethyl Benzene
Concen: 15.347 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion: 91 Resp: 168935

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.4	38.0



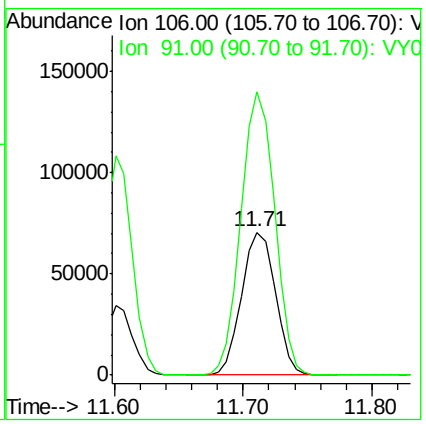


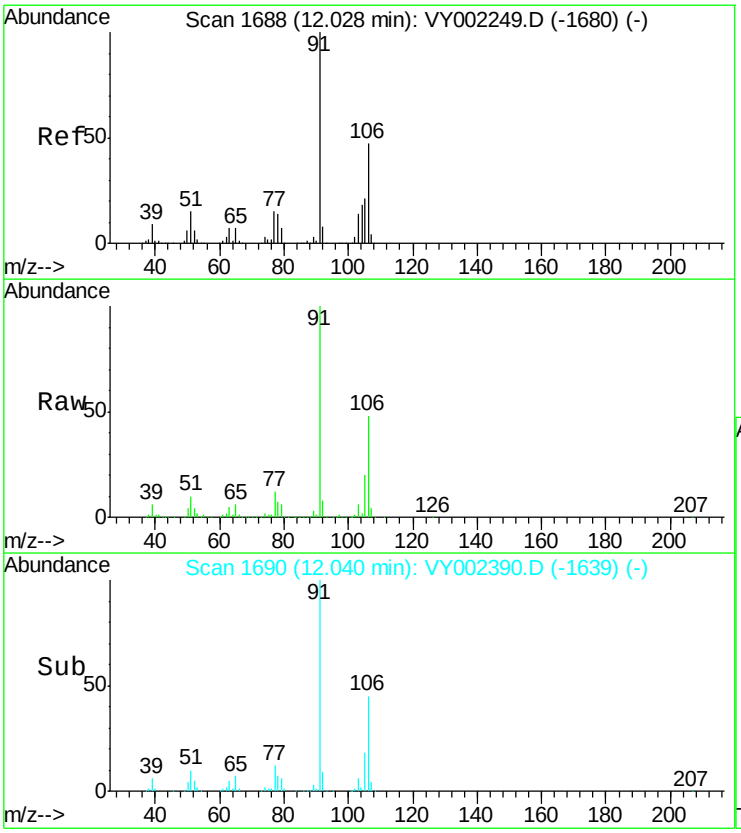
#68
m/p-Xylenes
Concen: 31.156 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-(4-5)

Tgt Ion:106 Resp: 128453

Ion	Ratio	Lower	Upper
106	100		
91	197.3	159.8	239.6

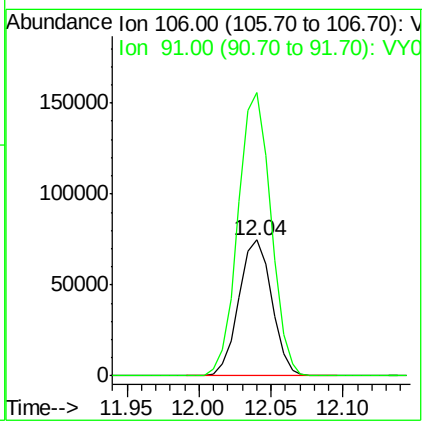


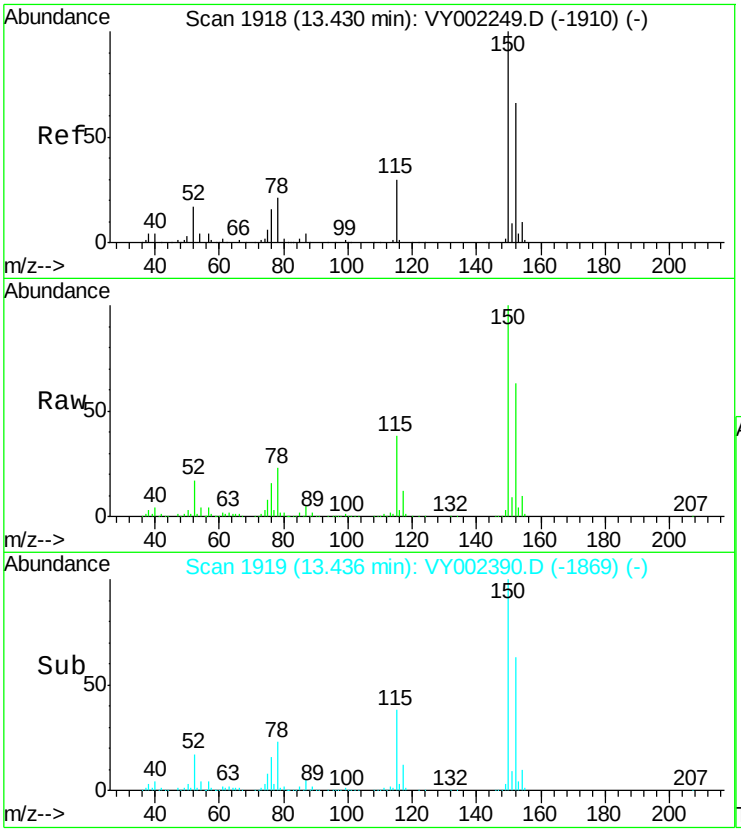


#69
o-Xylene
Concen: 30.603 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Tgt Ion:106 Resp: 118455

Ion	Ratio	Lower	Upper
106	100		
91	208.5	105.8	317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002390.D
Acq: 17 Apr 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-(4-5)

Tgt Ion:152 Resp: 121629

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.7	92.1
150	158.8	0.0	350.6