Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020520\
Data File : VY001514.D
Acq On : 05 Feb 2020 17:56
Operator : SY/MD
Sample : L1393-07
Misc : 6.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : HAM-SB-01-2-3

Quant Time: Feb 06 07:58:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	161933	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	301752	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	250303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	80970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	99873	61.26	ug/l	0.01
Spiked Amount 50.000			Recovery = 122.52%			
35) Dibromofluoromethane	7.75	113	90971	52.28	ug/l	0.01
Spiked Amount 50.000			Recovery = 104.56%			
50) Toluene-d8	10.19	98	357493	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.60%			
62) 4-Bromofluorobenzene	12.49	95	106489	41.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.12%			
Target Compounds						Qvalue
16) Acetone	3.99	43	12586	26.687	ug/l	93
67) Ethyl Benzene	11.60	91	15591	1.716	ug/l	99
68) m/p-Xylenes	11.71	106	31487	9.230	ug/l	99
69) o-Xylene	12.03	106	13556	4.215	ug/l	95

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

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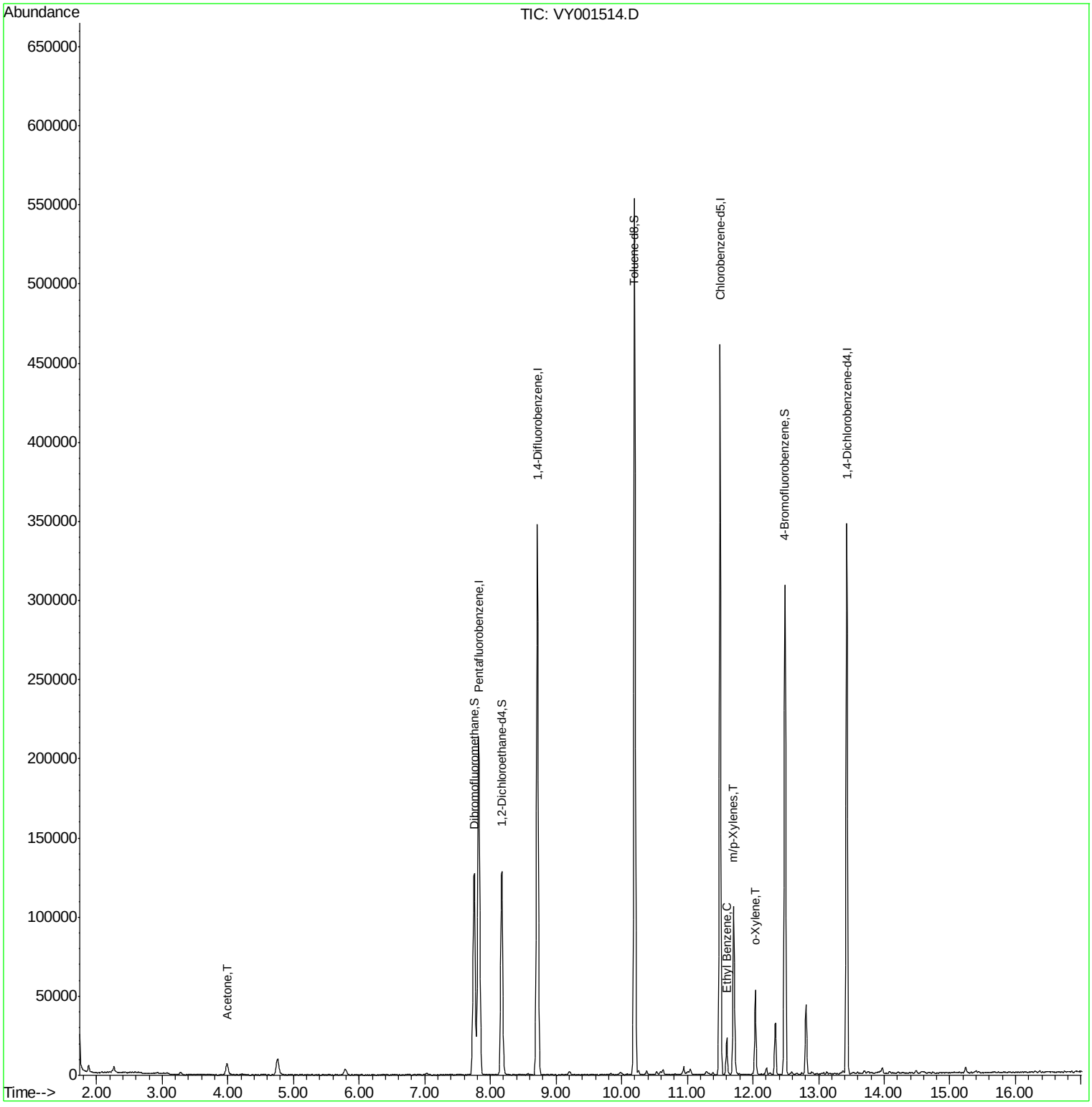
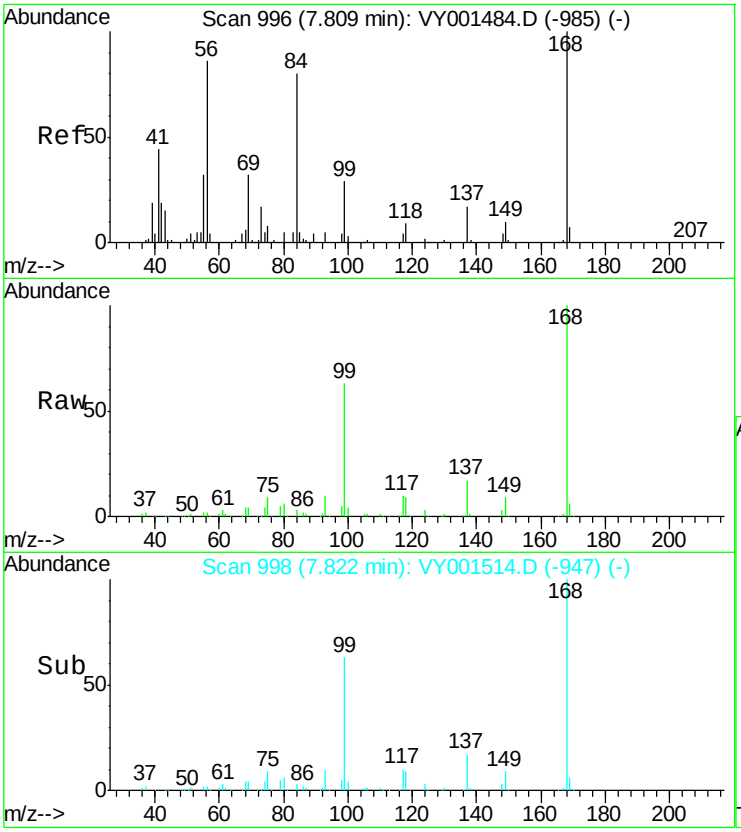


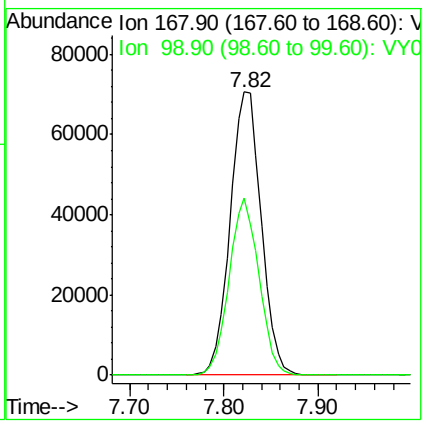


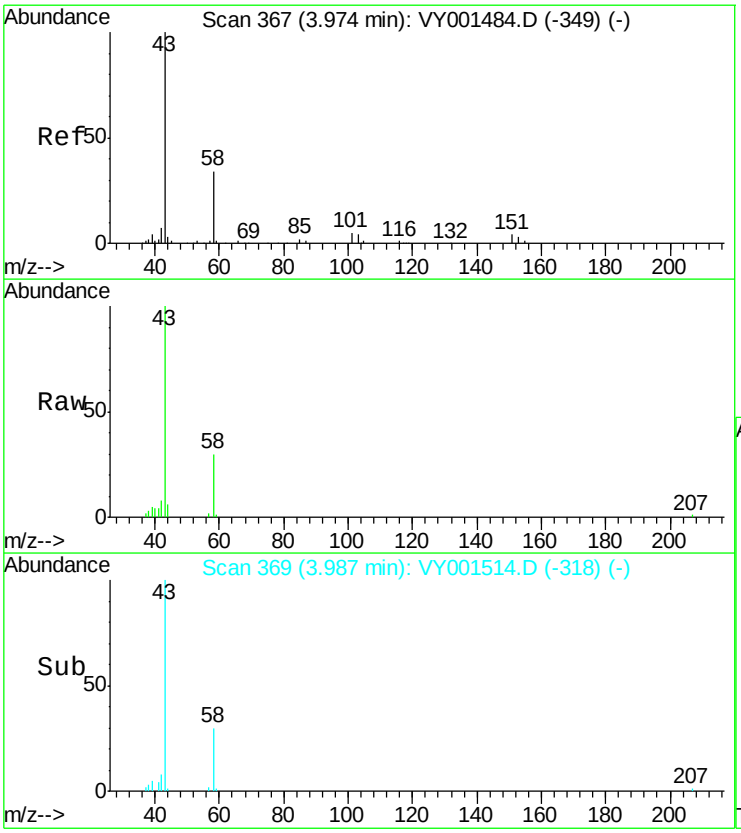
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-01-2-3

Tgt Ion:168 Resp: 161933

Ion	Ratio	Lower	Upper
168	100		
99	62.7	48.2	72.4

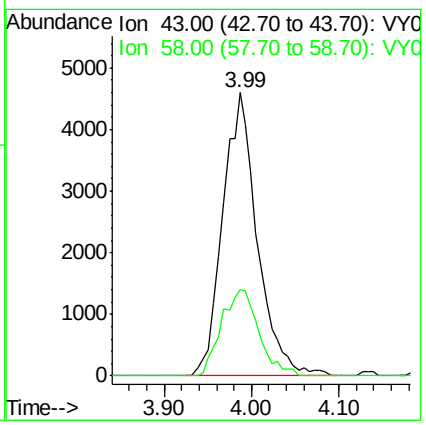


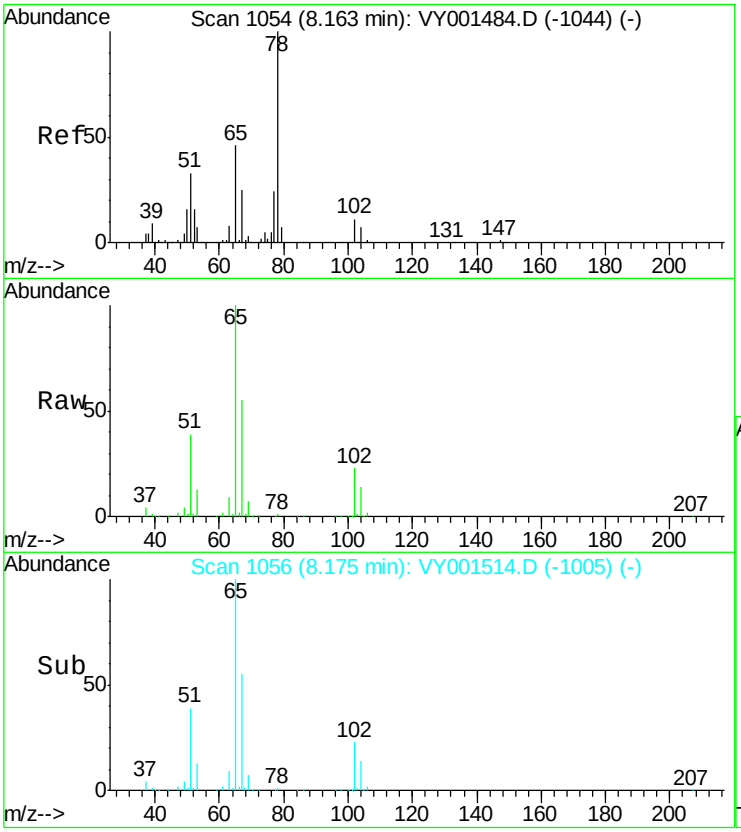


#16
Acetone
Concen: 26.687 ug/l
RT: 3.99 min Scan# 369
Delta R.T. 0.01 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Tgt Ion: 43 Resp: 12586

Ion	Ratio	Lower	Upper
43	100		
58	30.5	27.5	41.3



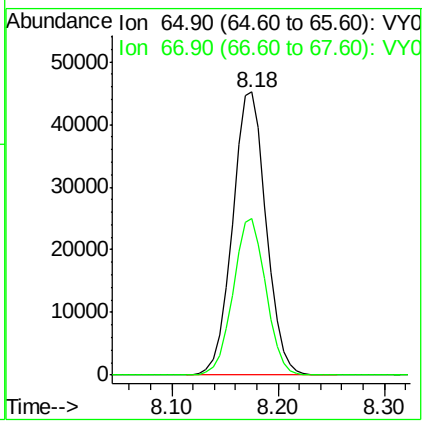


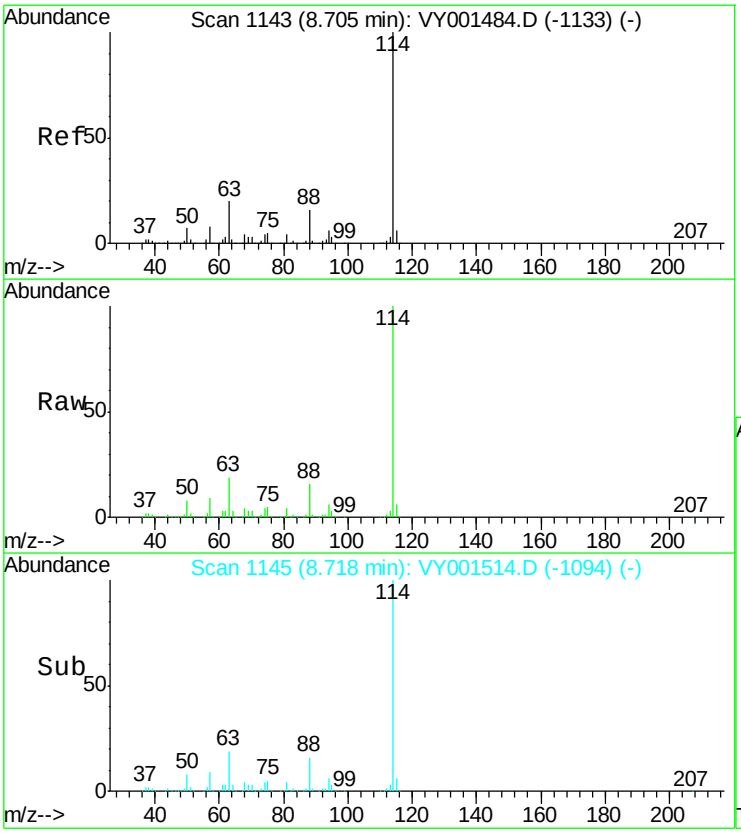
#33
1,2-Dichloroethane-d4
Concen: 61.256 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-01-2-3

Tgt Ion: 65 Resp: 99873

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.6

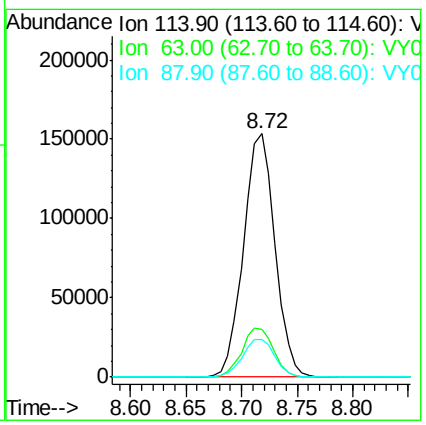


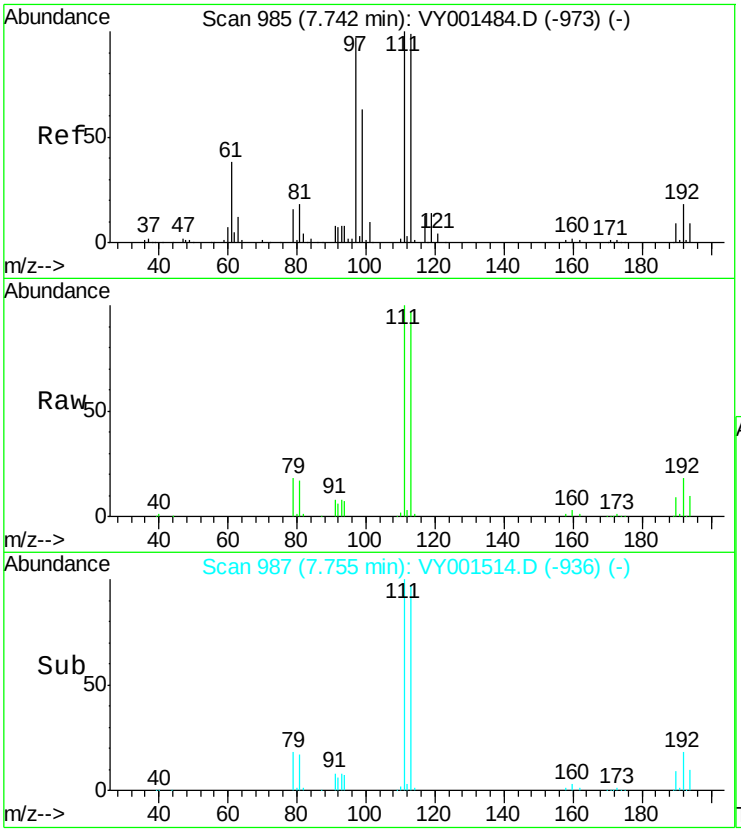


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Tgt Ion:114 Resp: 301752

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.8
88	15.5	0.0	32.6



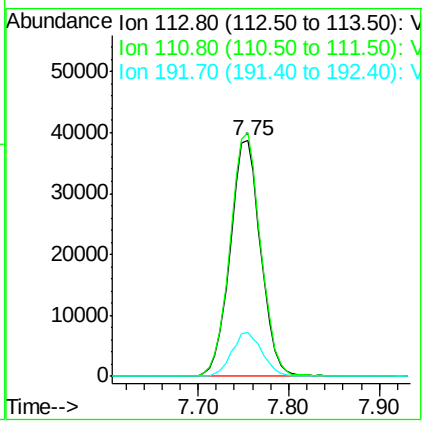


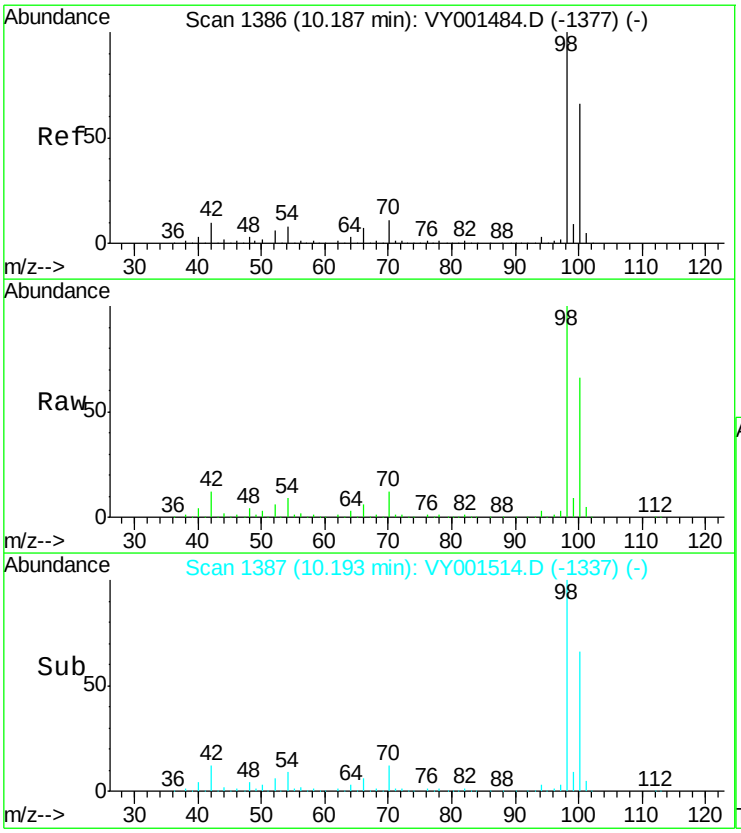
#35
Dibromofluoromethane
Concen: 52.281 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-01-2-3

Tgt Ion:113 Resp: 90971

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.5	14.6	22.0

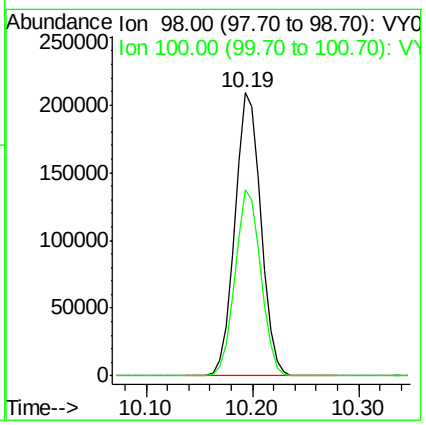


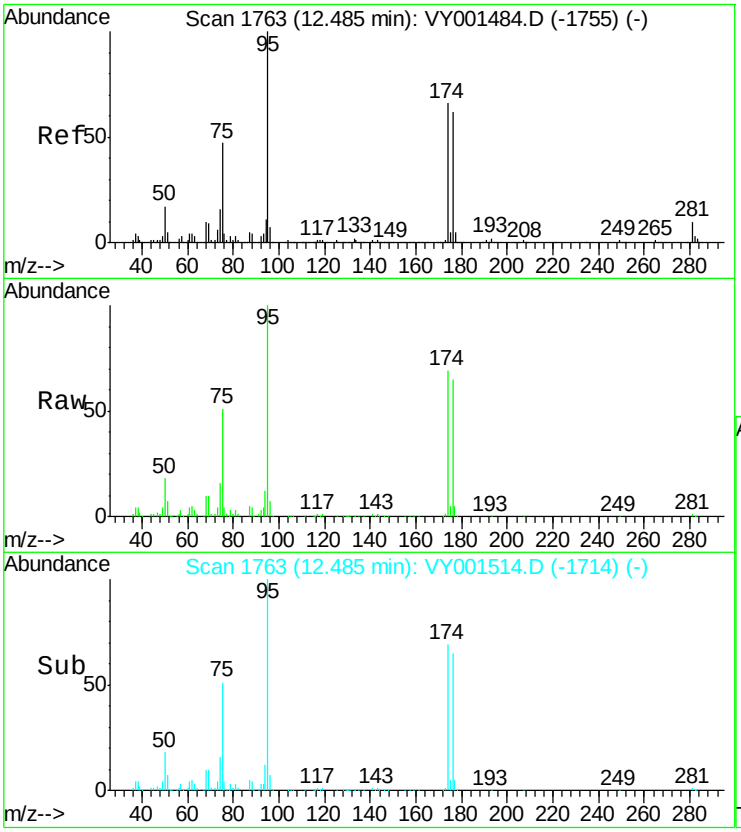


#50
Toluene-d8
Concen: 54.303 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Tgt Ion: 98 Resp: 357493

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.6



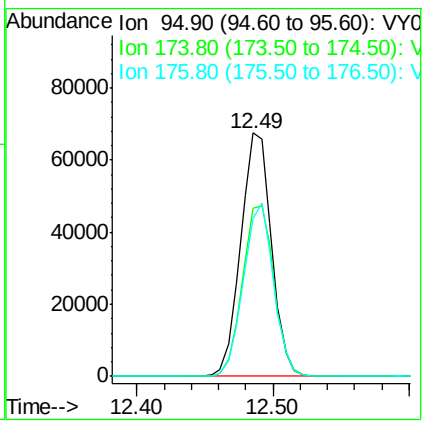


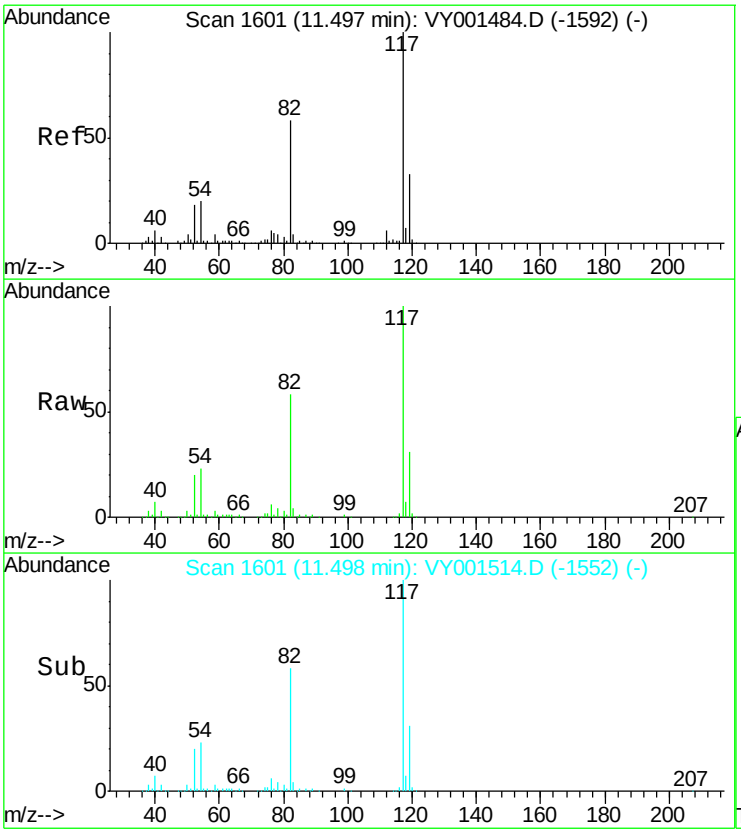
#62
4-Bromofluorobenzene
Concen: 41.060 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-01-2-3

Tgt Ion: 95 Resp: 106489

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	141.4
176	69.8	0.0	135.4

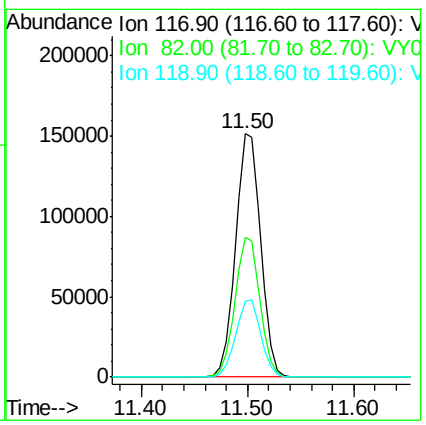


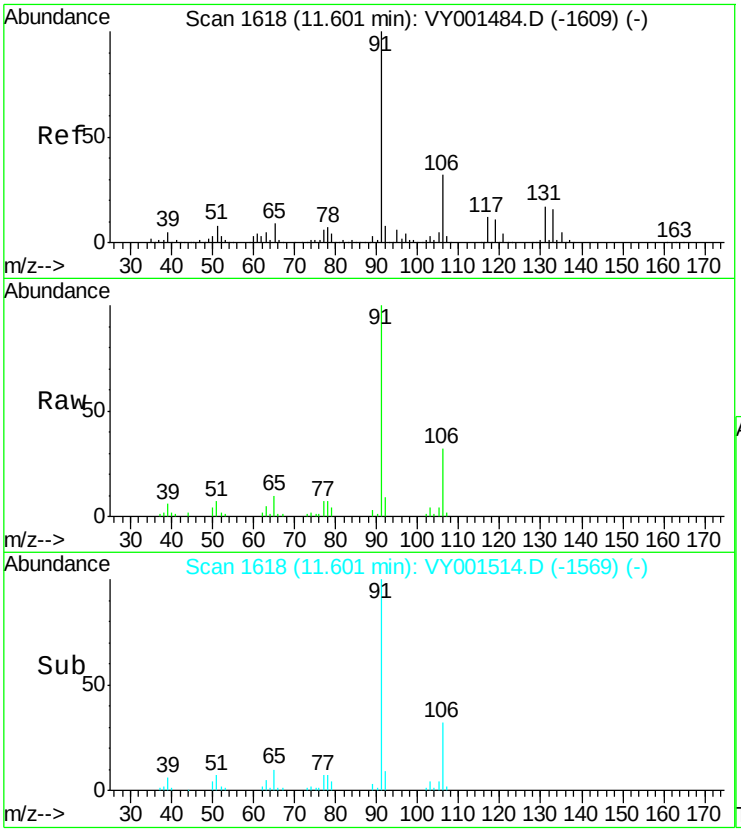


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Tgt Ion:117 Resp: 250303

Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.1	69.1
119	31.4	26.1	39.1



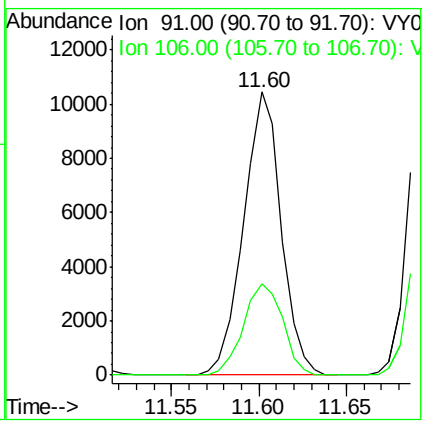


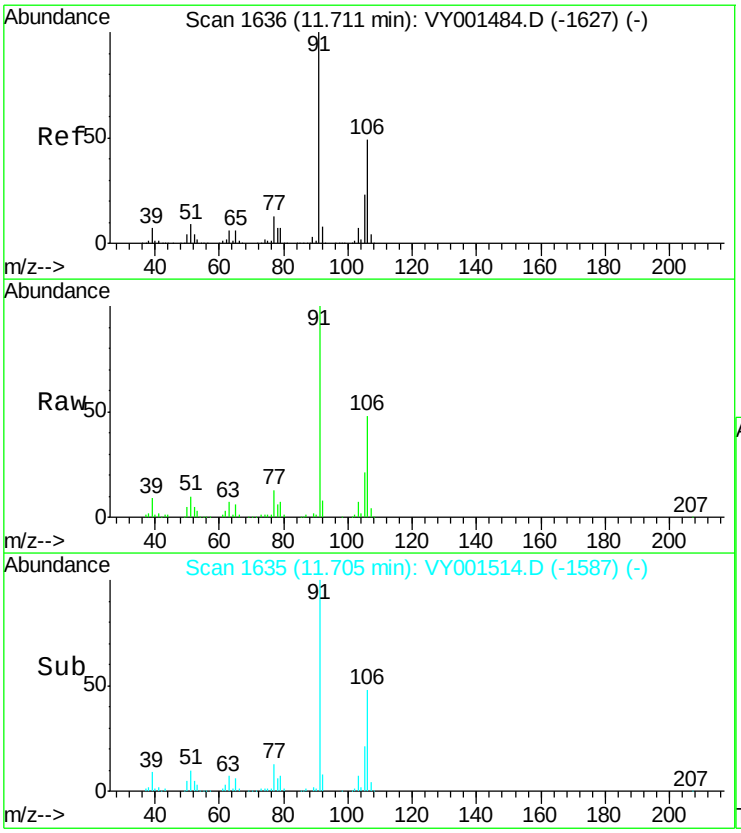
#67
Ethyl Benzene
Concen: 1.716 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Instrument : MSVOA_Y
ClientSampleId : HAM-SB-01-2-3

Tgt Ion: 91 Resp: 15591

Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.3	37.9

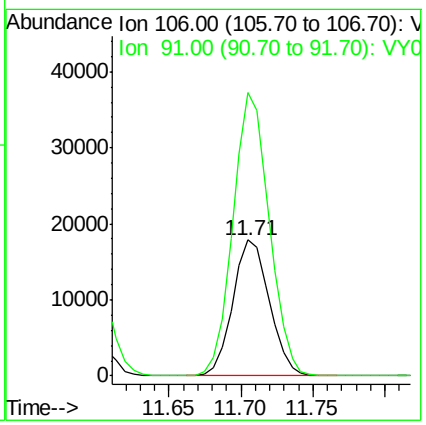


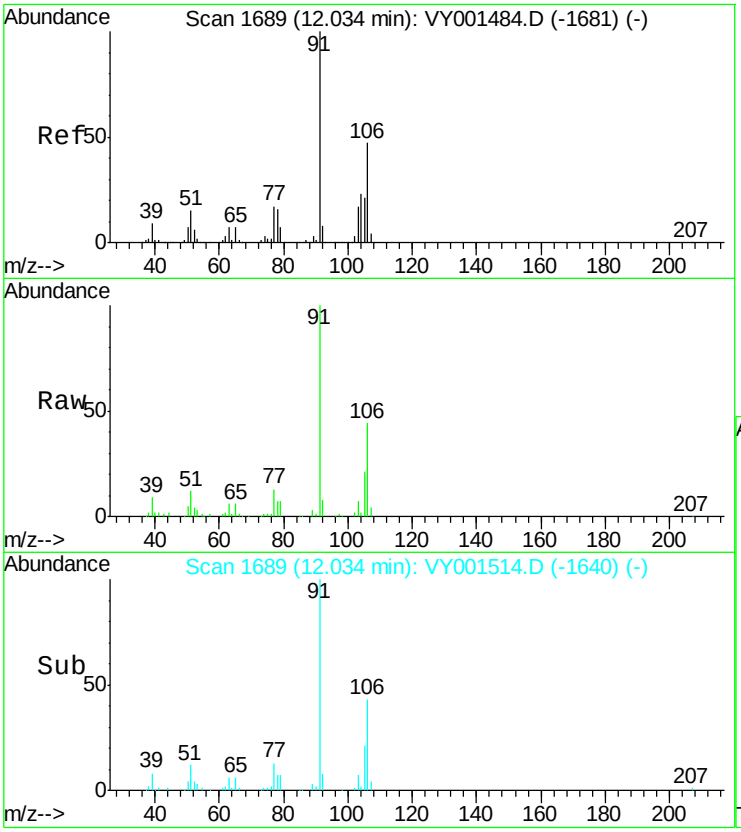


#68
m/p-Xylenes
Concen: 9.230 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Tgt Ion:106 Resp: 31487

Ion	Ratio	Lower	Upper
106	100		
91	206.5	163.6	245.4



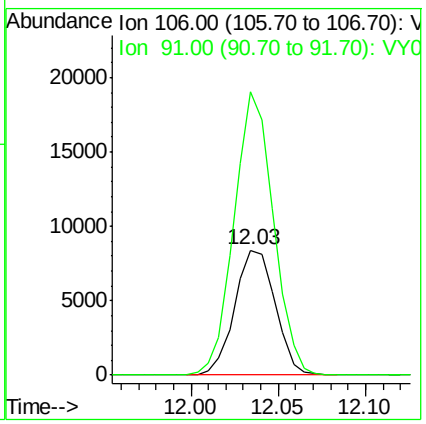


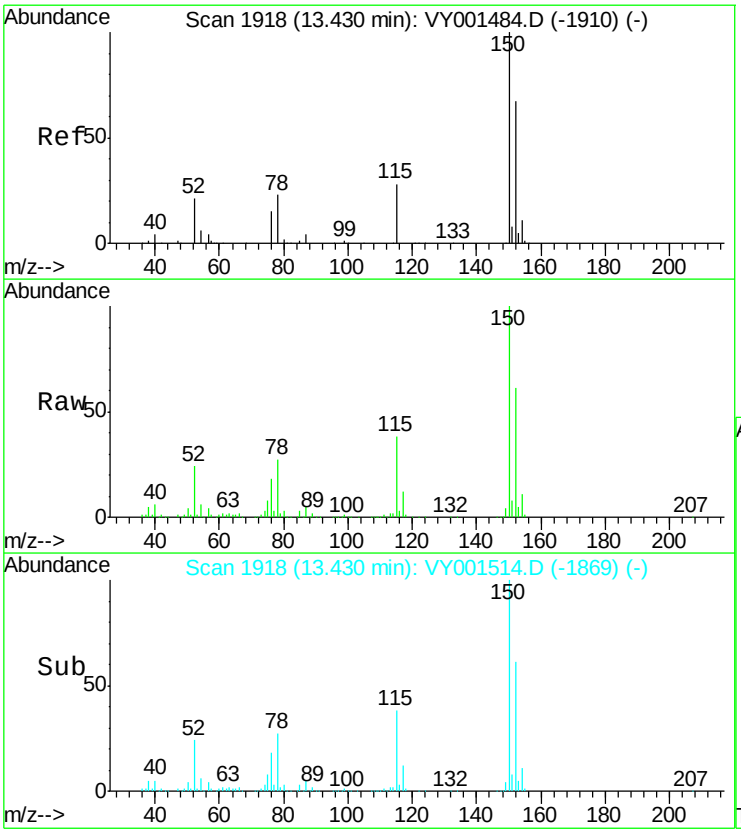
#69
o-Xylene
Concen: 4.215 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-01-2-3

Tgt Ion:106 Resp: 13556

Ion	Ratio	Lower	Upper
106	100		
91	219.2	106.0	318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001514.D
Acq: 05 Feb 2020 17:56

Tgt Ion:152 Resp: 80970

Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.4	94.3
150	157.5	0.0	346.8