Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020520\
Data File : VY001508.D
Acq On : 05 Feb 2020 15:42
Operator : SY/MD
Sample : L1393-01
Misc : 6.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : HAM-SB-07-1-2

Quant Time: Feb 06 07:37:36 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	173454	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	325049	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	286475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	108940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	106642	61.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.12%			
35) Dibromofluoromethane	7.75	113	99018	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.66%			
50) Toluene-d8	10.20	98	385867	54.41	ug/l	0.01
Spiked Amount 50.000			Recovery = 108.82%			
62) 4-Bromofluorobenzene	12.49	95	133984	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.92%			
Target Compounds						Qvalue
16) Acetone	3.98	43	75984	150.412	ug/l	98
25) 2-Butanone	7.03	43	4926	7.516	ug/l	94
68) m/p-Xylenes	11.71	106	9174	2.350	ug/l	94
69) o-Xylene	12.04	106	5126	1.392	ug/l	85

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

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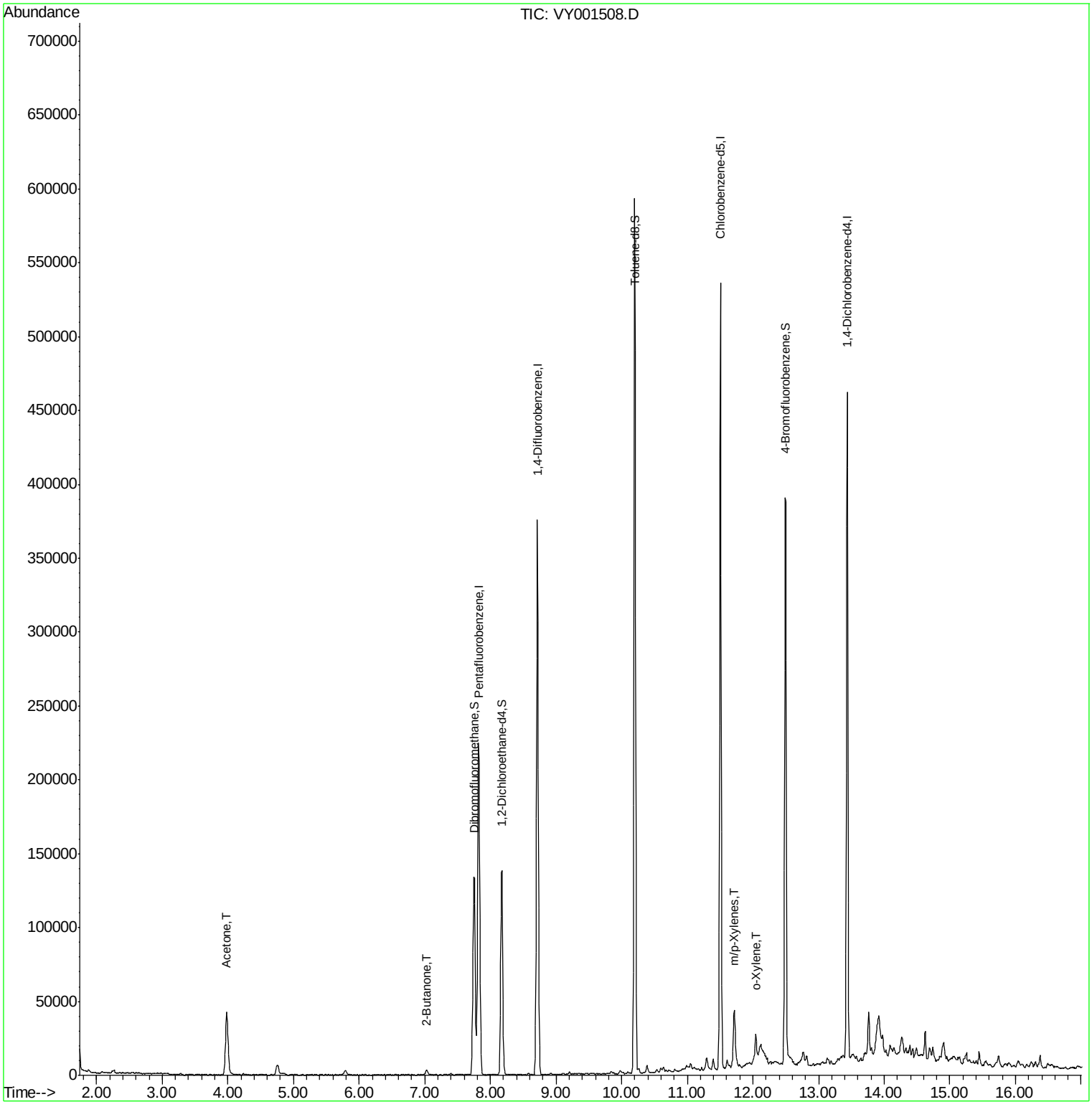
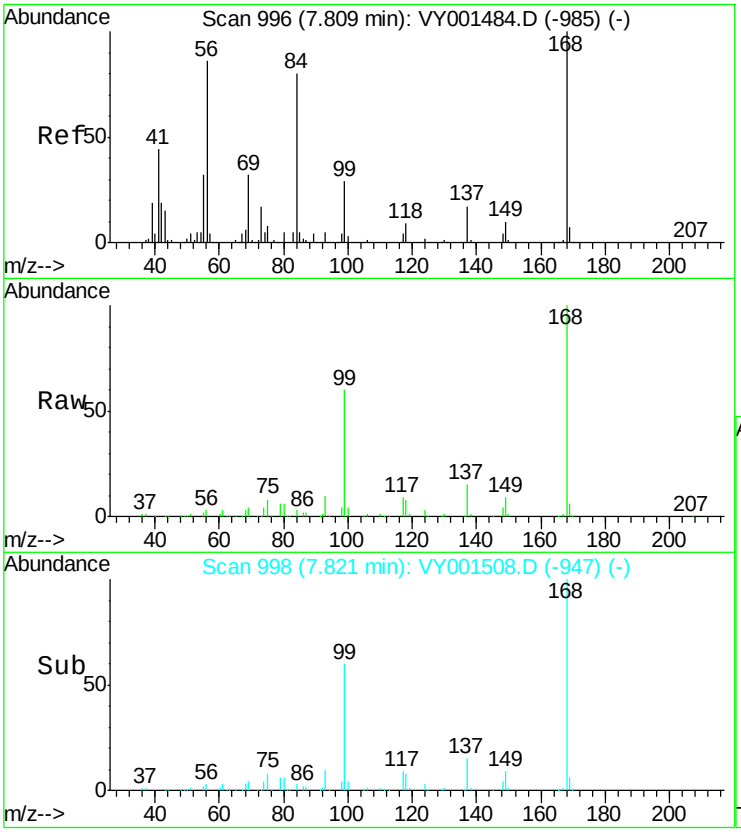


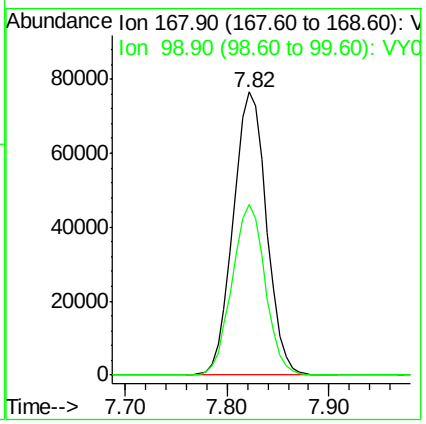


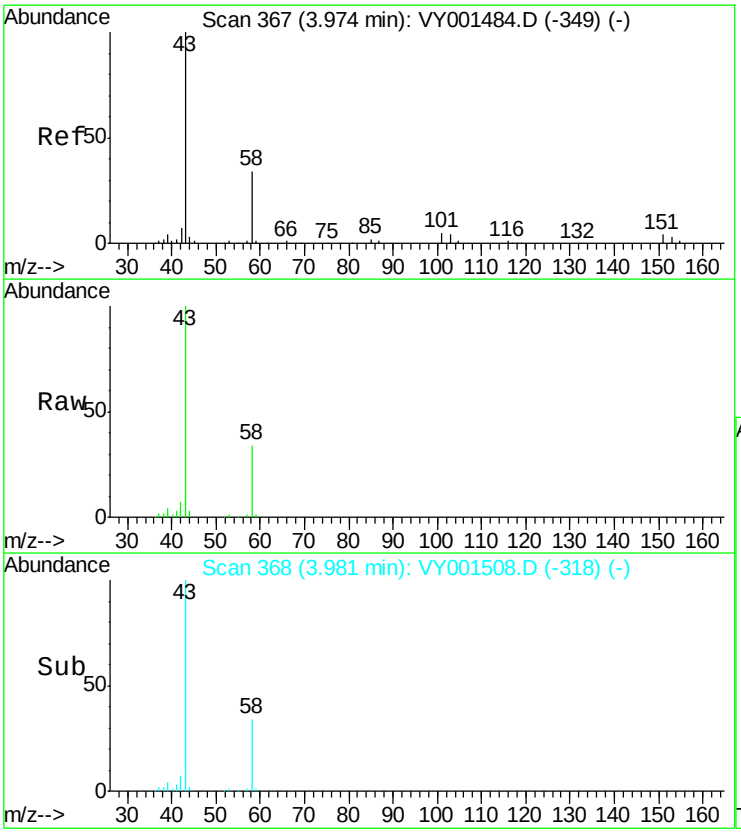
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-07-1-2

Tgt Ion:168 Resp: 173454

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.2	72.4

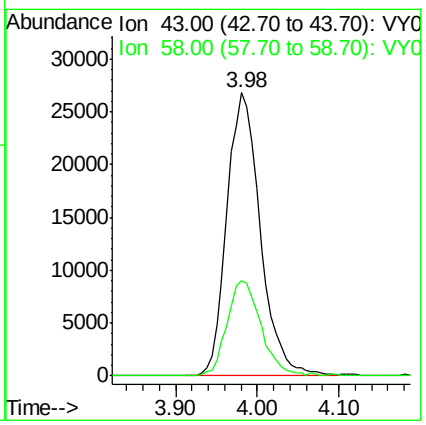


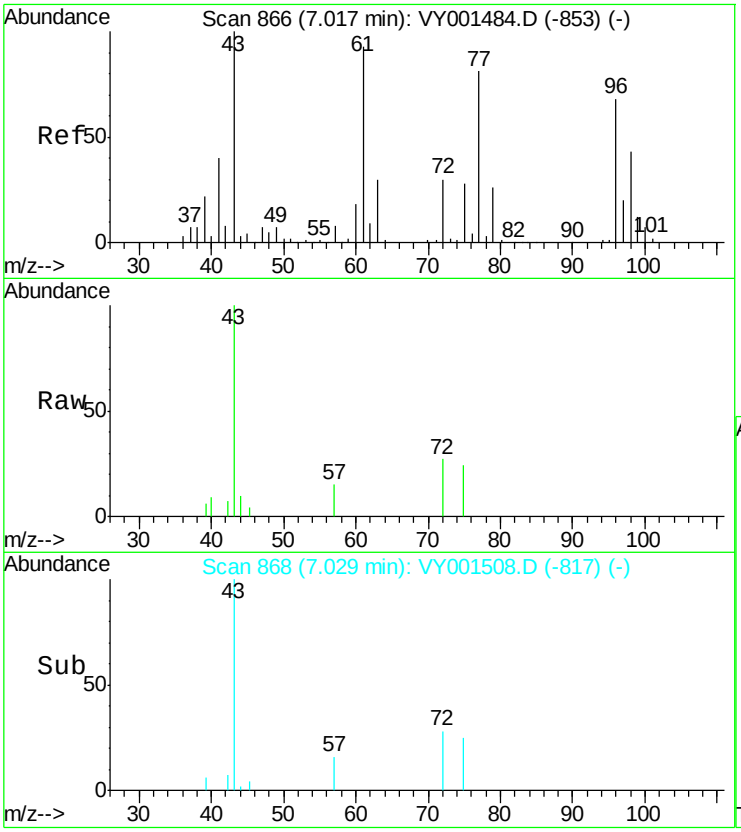


#16
Acetone
Concen: 150.412 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Tgt Ion: 43 Resp: 75984

Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.5	41.3



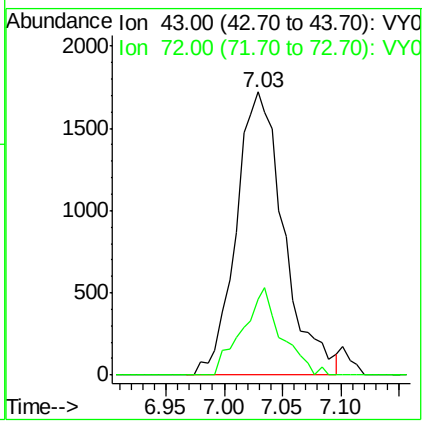


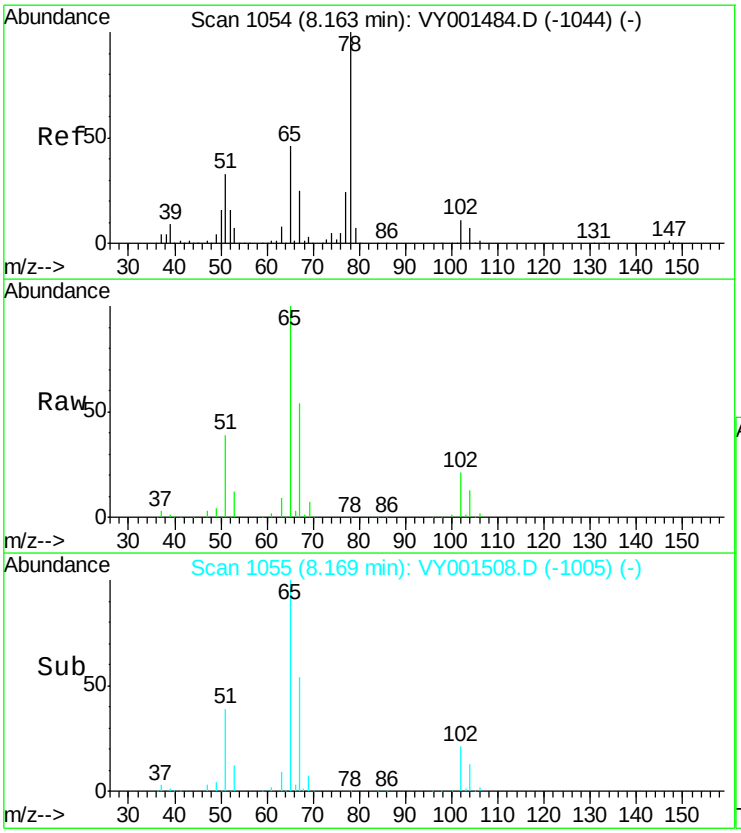
#25
2-Butanone
Concen: 7.516 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-07-1-2

Tgt Ion: 43 Resp: 4926

Ion	Ratio	Lower	Upper
43	100		
72	26.8	23.8	35.8

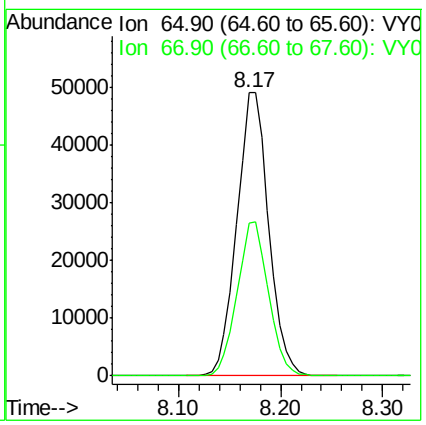


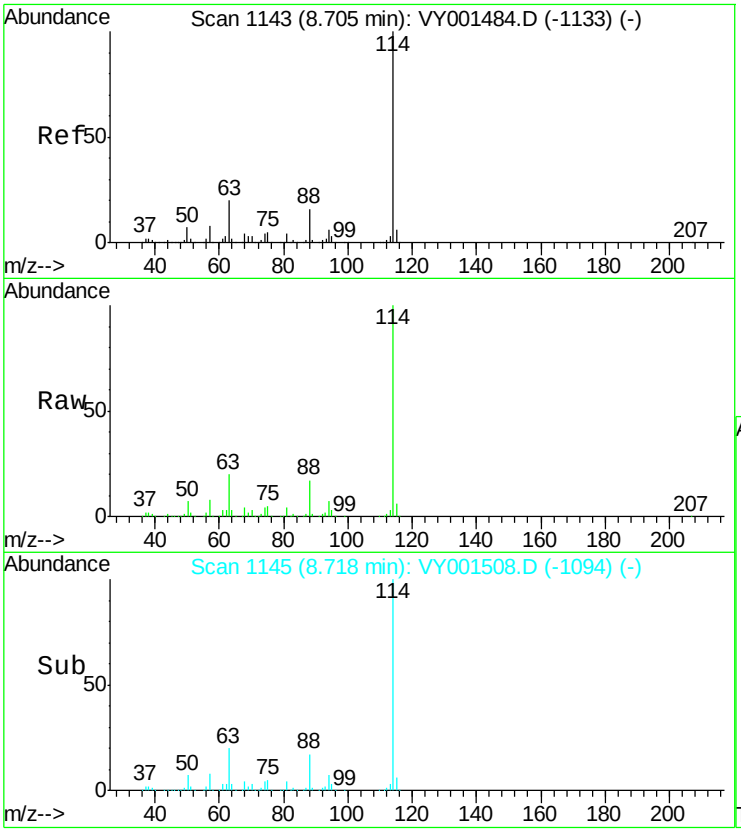


#33
1,2-Dichloroethane-d4
Concen: 61.063 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Tgt Ion: 65 Resp: 106642

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	108.6



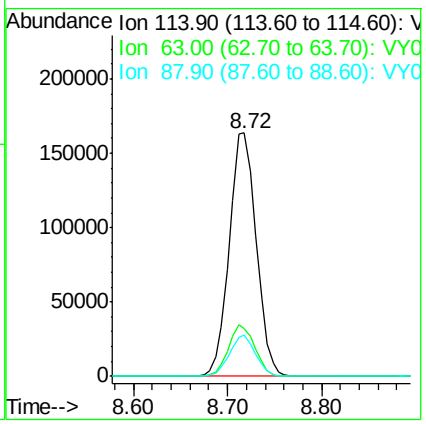


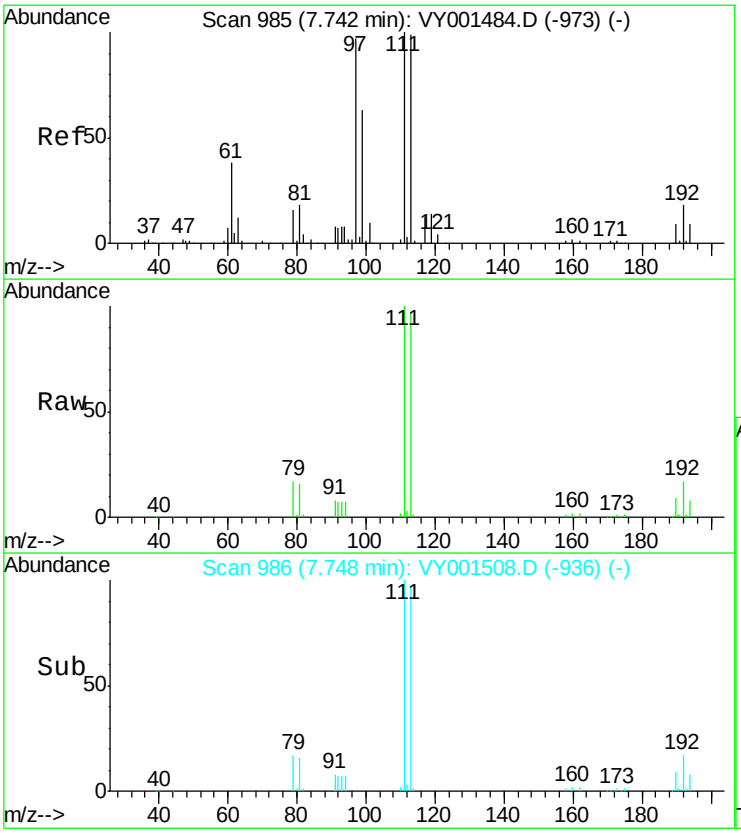
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-07-1-2

Tgt Ion:114 Resp: 325049

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	16.9	0.0	32.6

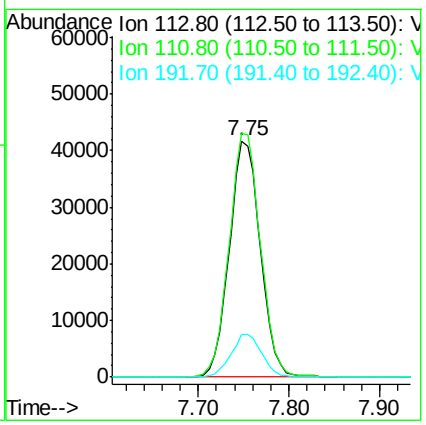


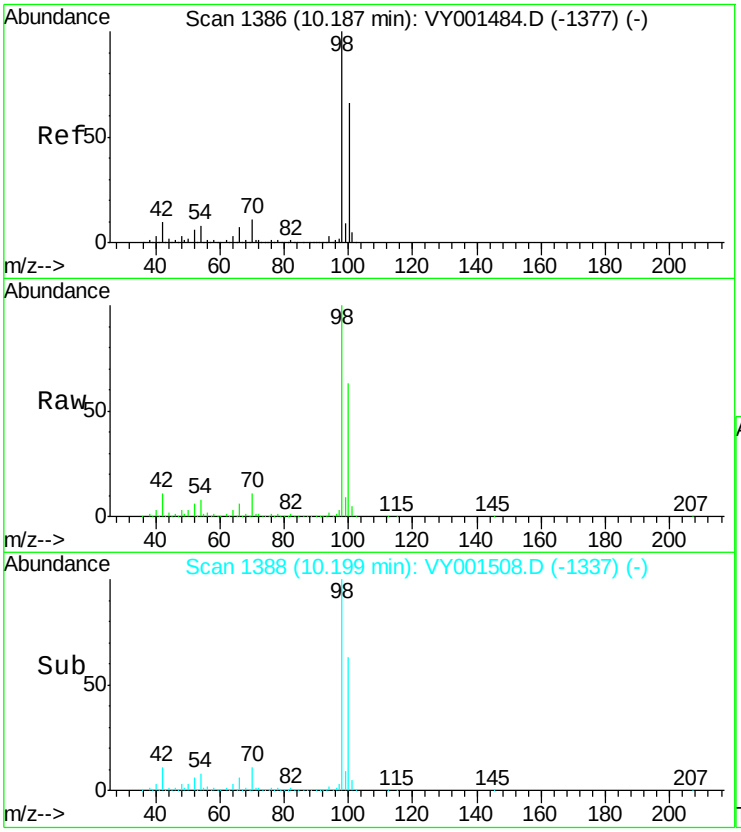


#35
Dibromofluoromethane
Concen: 52.827 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.01 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Tgt Ion:113 Resp: 99018

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.0	14.6	22.0



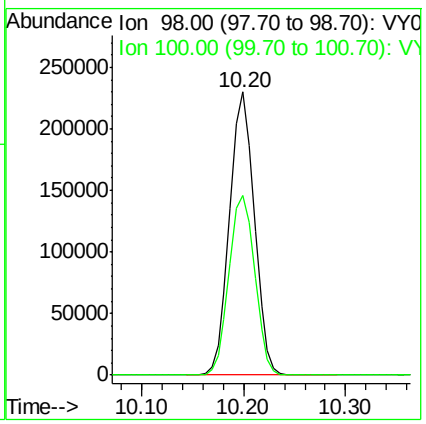


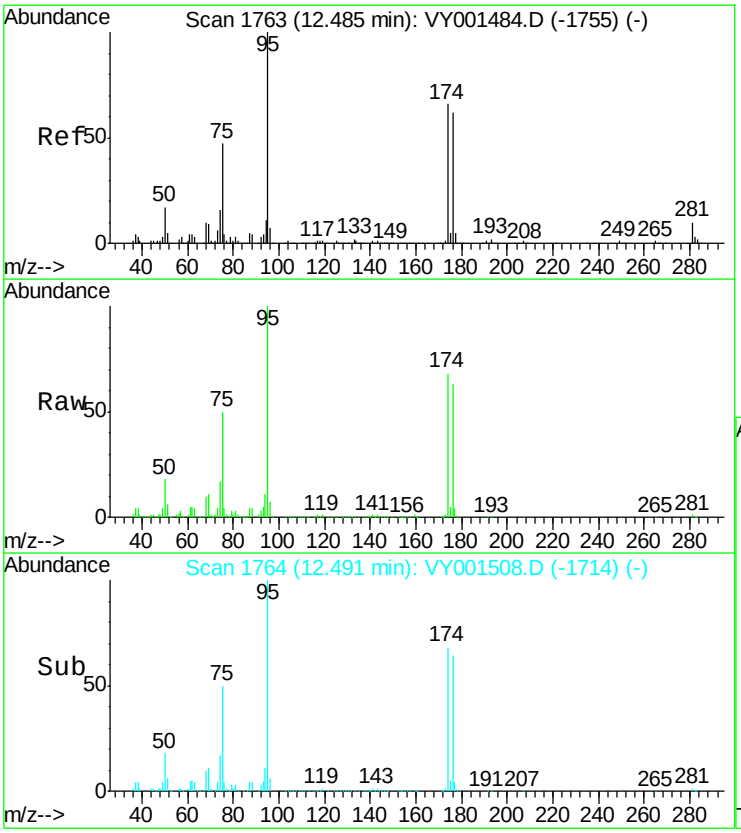
#50
Toluene-d8
Concen: 54.412 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Instrument : MSVOA_Y
ClientSampleId : HAM-SB-07-1-2

Tgt Ion: 98 Resp: 385867

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6

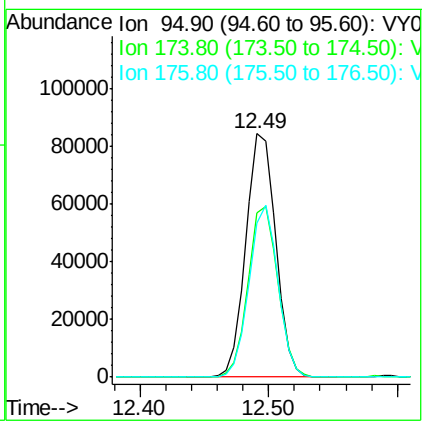


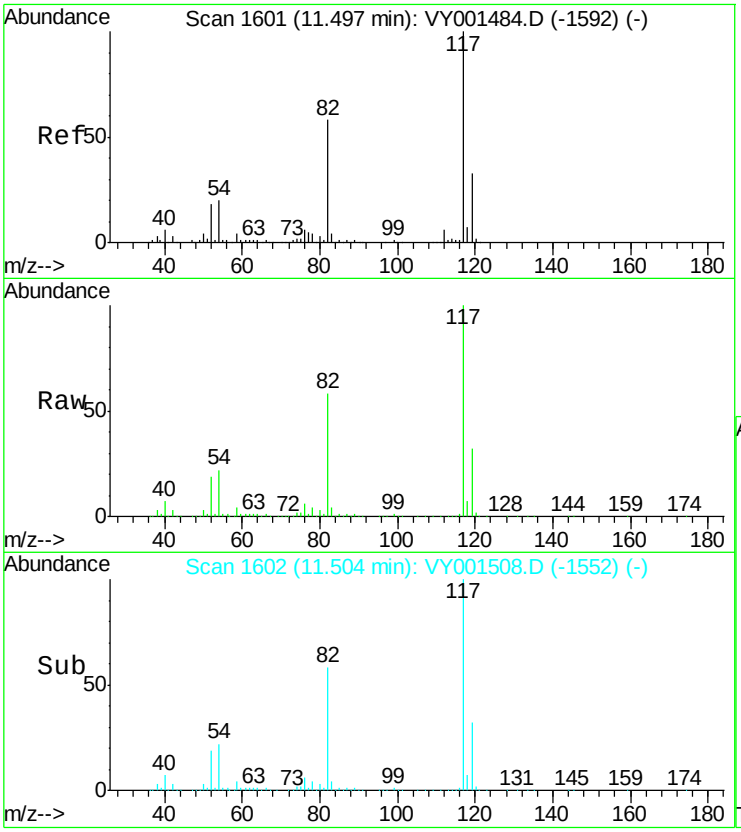


#62
4-Bromofluorobenzene
Concen: 47.959 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Tgt Ion: 95 Resp: 133984

Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	141.4
176	68.2	0.0	135.4



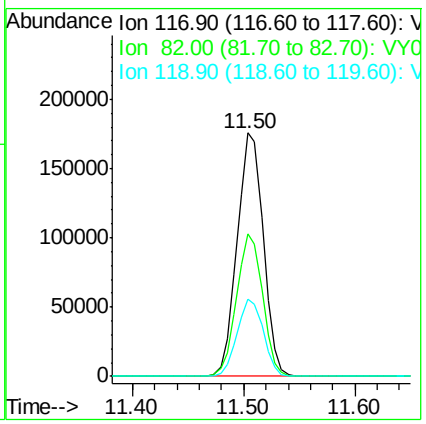


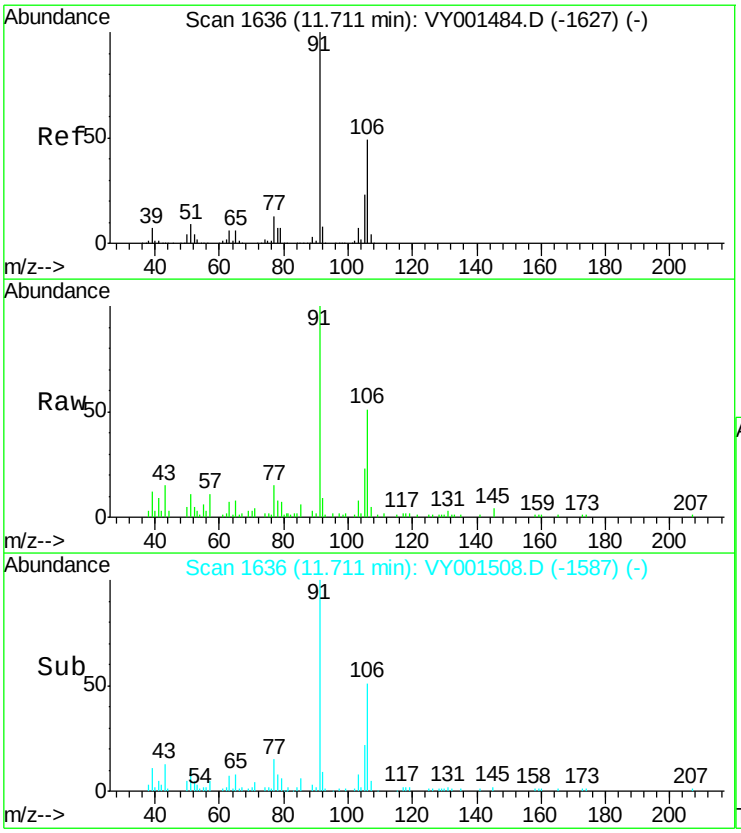
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Instrument : MSVOA_Y
ClientSampleId : HAM-SB-07-1-2

Tgt Ion:117 Resp: 286475

Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.1	69.1
119	31.5	26.1	39.1

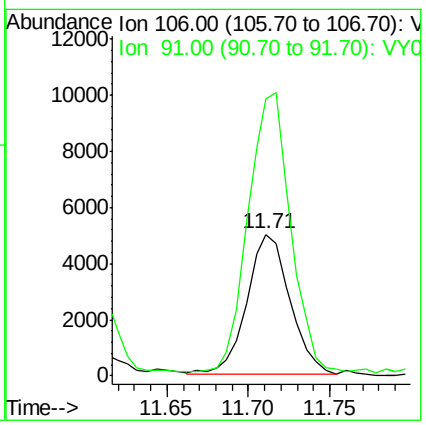


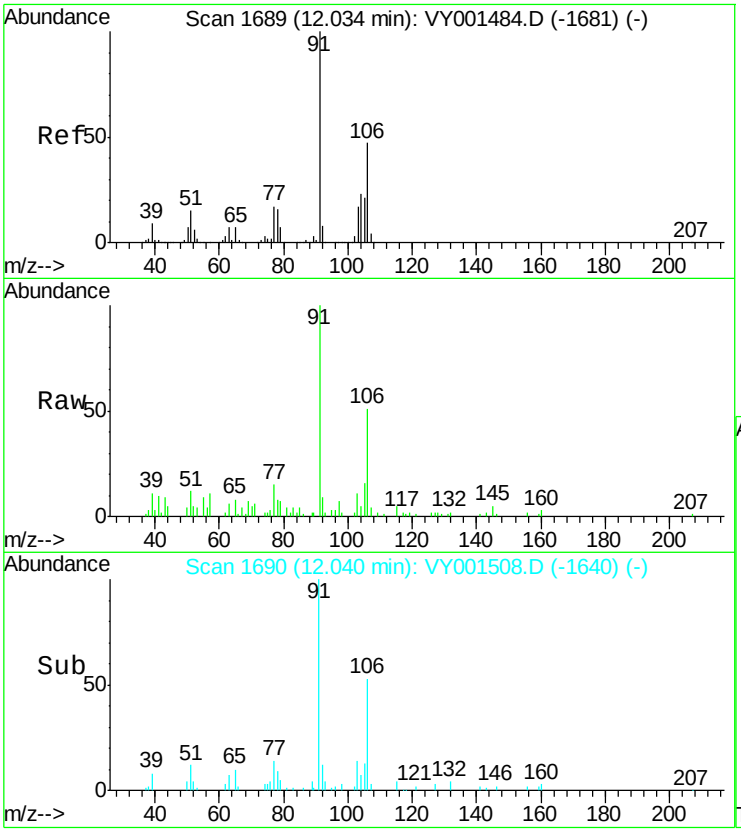


#68
m/p-Xylenes
Concen: 2.350 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Tgt Ion:106 Resp: 9174

Ion	Ratio	Lower	Upper
106	100		
91	194.5	163.6	245.4



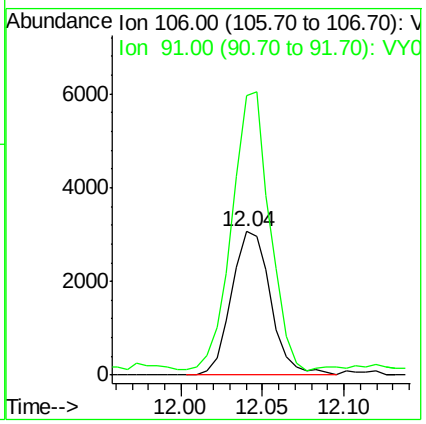


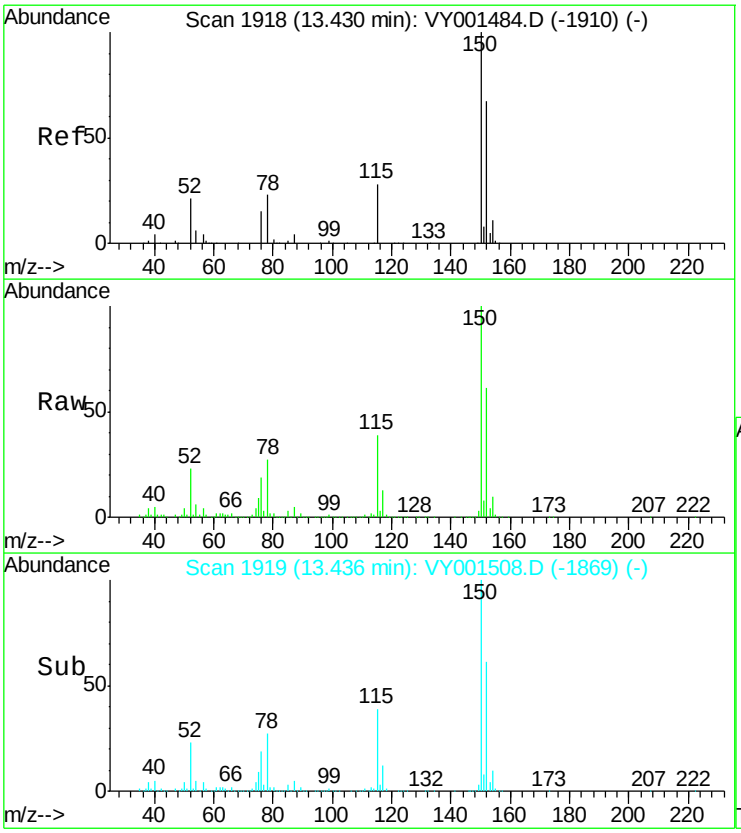
#69
o-Xylene
Concen: 1.392 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-07-1-2

Tgt Ion:106 Resp: 5126

Ion	Ratio	Lower	Upper
106	100		
91	187.9	106.0	318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001508.D
Acq: 05 Feb 2020 15:42

Tgt Ion:152 Resp: 108940

Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.4	94.3
150	159.5	0.0	346.8