Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012320\
Data File : VY001353.D
Acq On : 23 Jan 2020 14:58
Operator : SY/MD
Sample : L1215-02
Misc : 5.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : RBR-200031

Quant Time: Jan 24 07:51:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	11052	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	20693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	18740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	8193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	6907	57.43	ug/l	-0.01
Spiked Amount 50.000			Recovery = 114.86%			
35) Dibromofluoromethane	7.74	113	6022	49.58	ug/l	-0.01
Spiked Amount 50.000			Recovery = 99.16%			
50) Toluene-d8	10.19	98	24193	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.54%			
62) 4-Bromofluorobenzene	12.49	95	8574	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.26%			
Target Compounds						Qvalue
68) m/p-Xylenes	11.71	106	1633	6.006	ug/l	96
80) 1,3,5-Trimethylbenzene	12.82	105	1498	2.776	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	5925	10.936	ug/l	95

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

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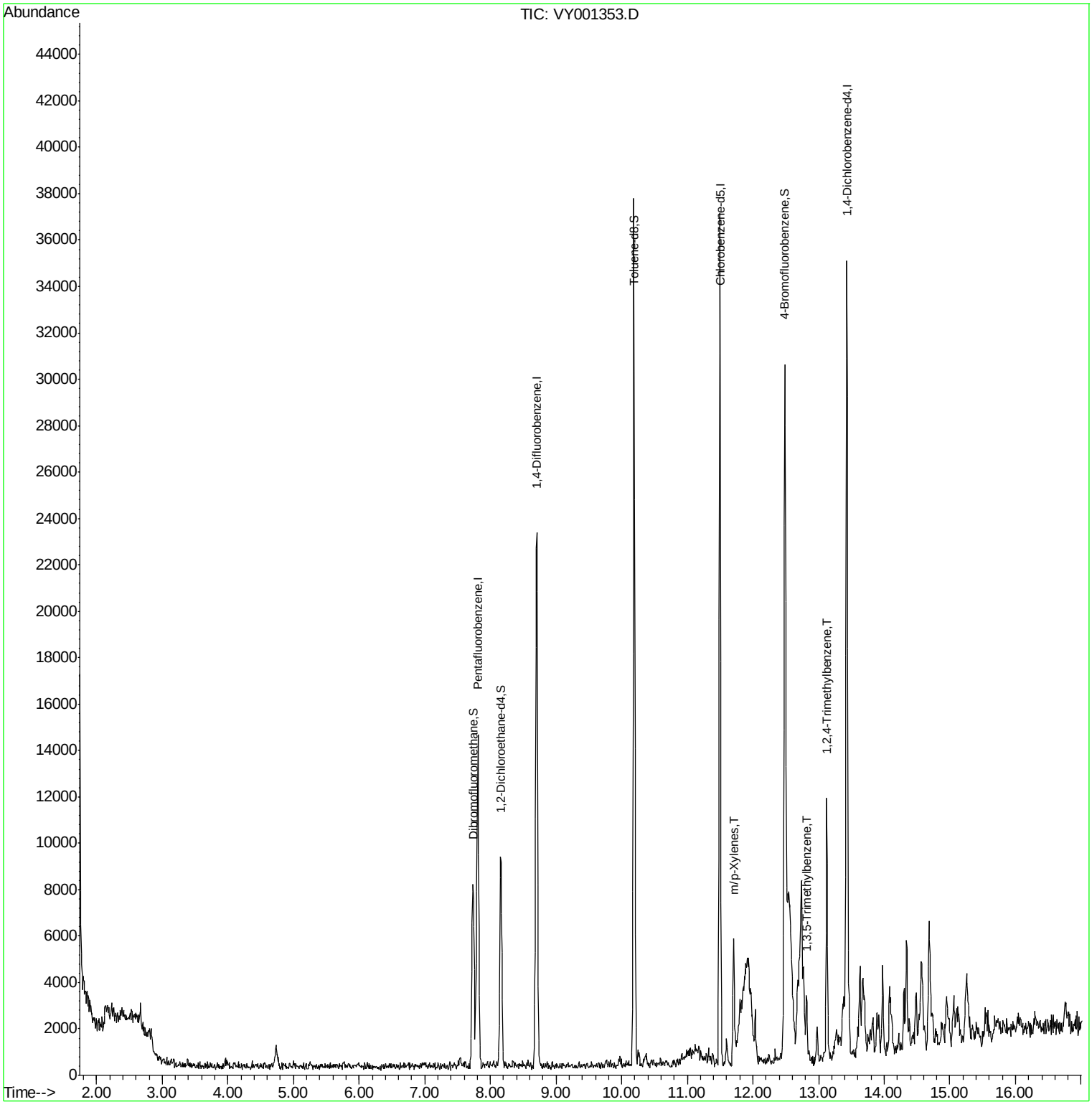
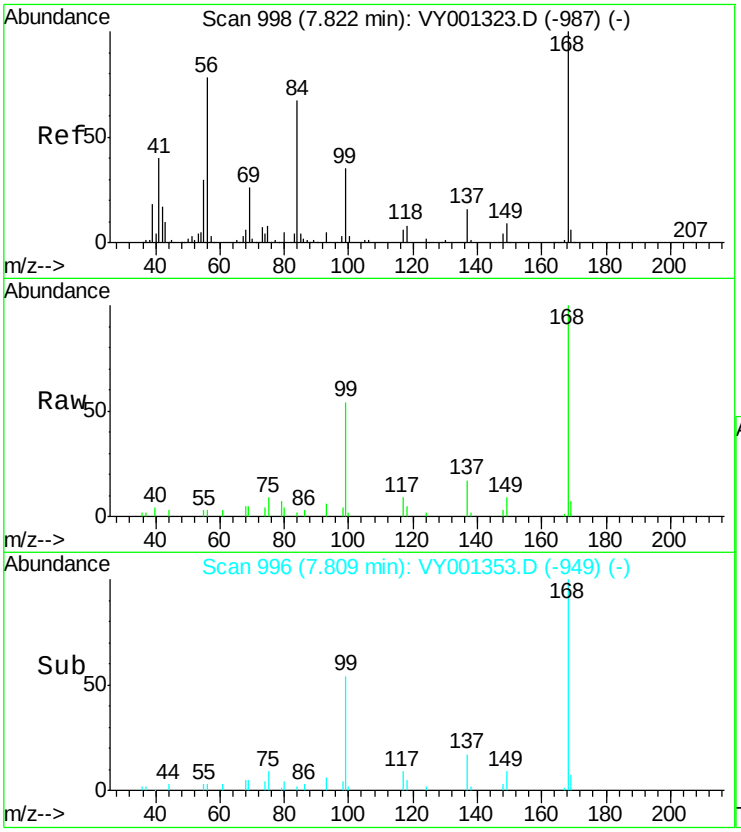


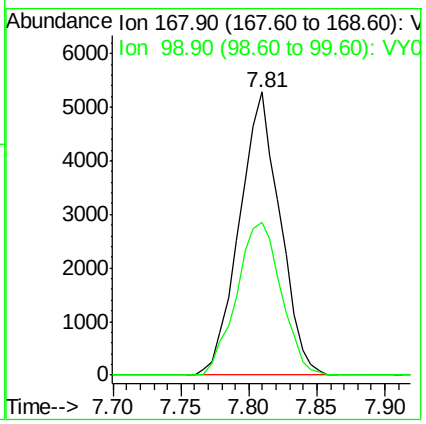


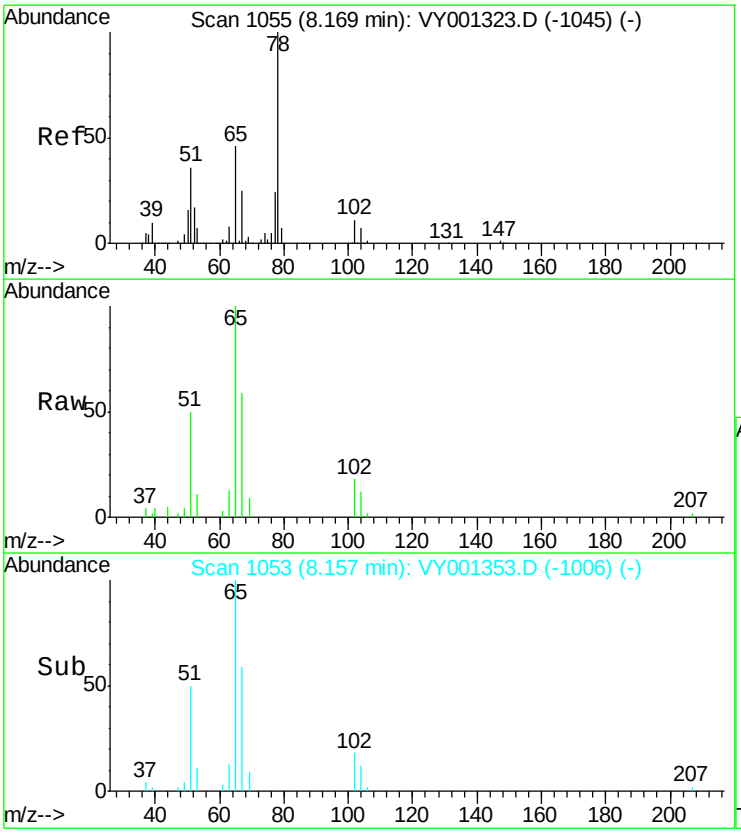
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001353.D
Acq: 23 Jan 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200031

Tgt Ion:168 Resp: 11052

Ion	Ratio	Lower	Upper
168	100		
99	53.8	44.3	66.5

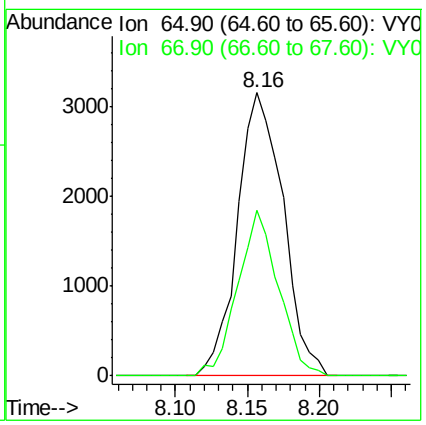


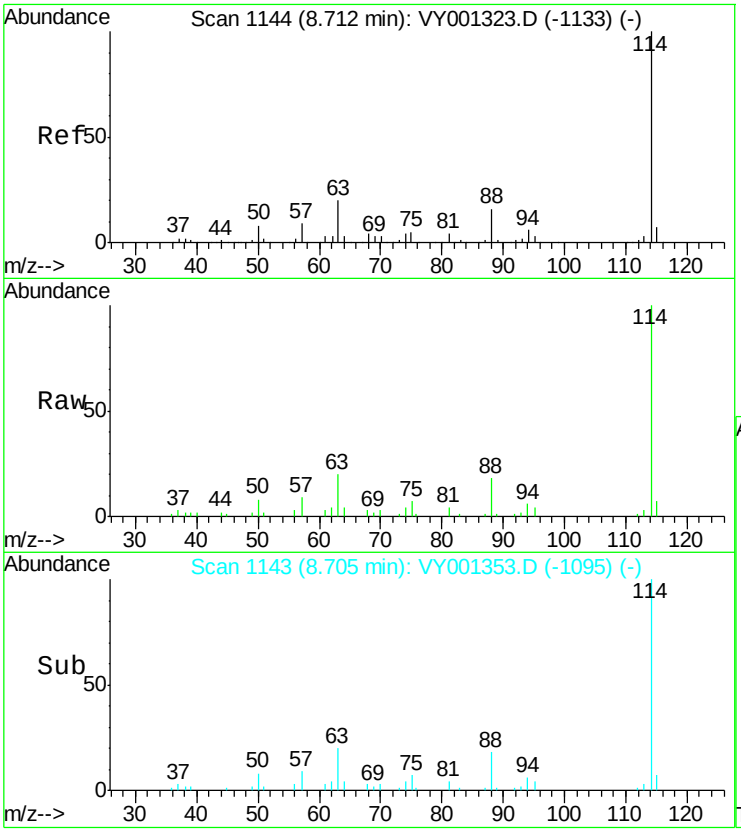


#33
1,2-Dichloroethane-d4
Concen: 57.433 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY001353.D
Acq: 23 Jan 2020 14:58

Tgt Ion: 65 Resp: 6907

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	108.6



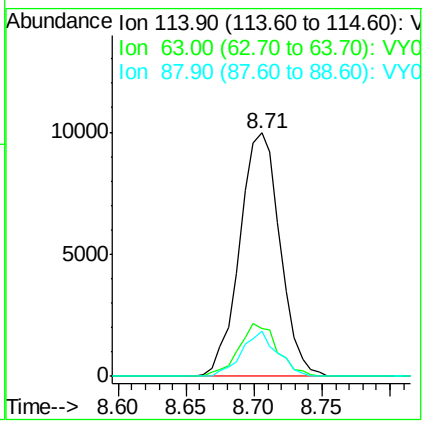


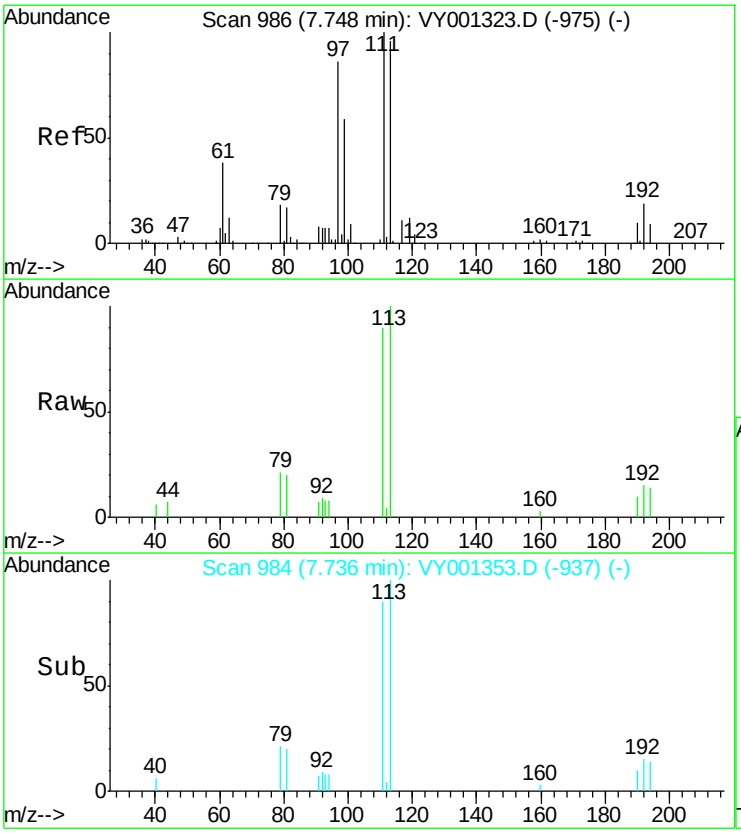
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001353.D
Acq: 23 Jan 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200031

Tgt Ion:114 Resp: 20693

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	18.4	0.0	31.0

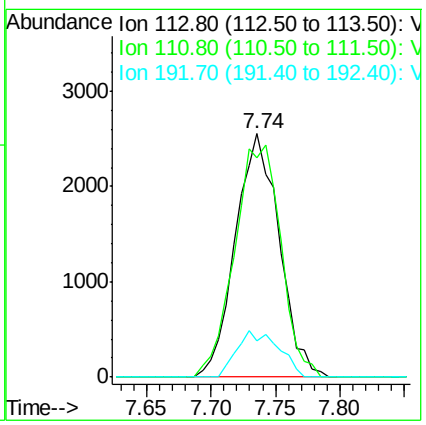


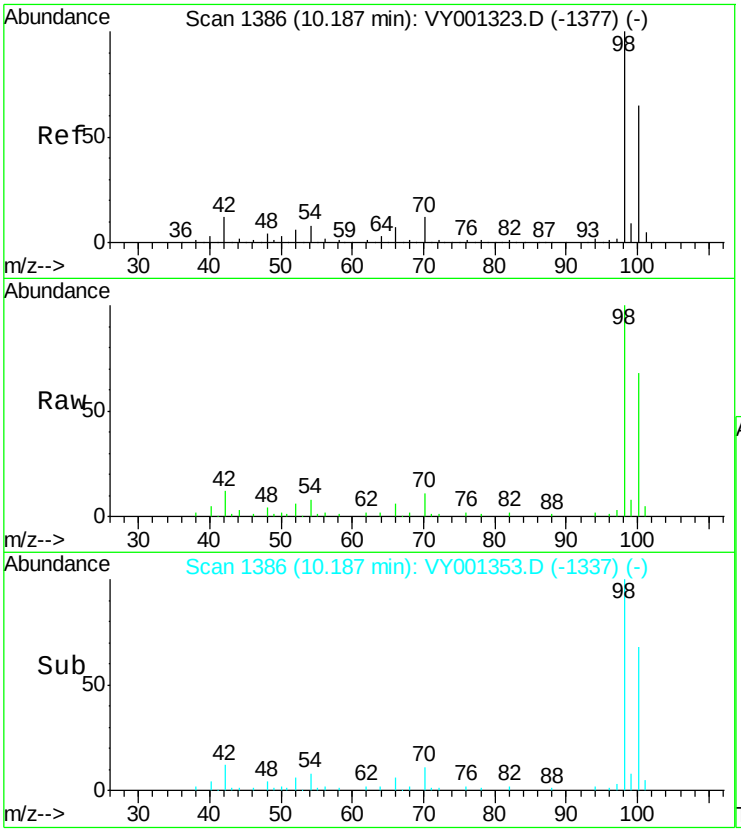


#35
Dibromofluoromethane
Concen: 49.584 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001353.D
Acq: 23 Jan 2020 14:58

Tgt Ion:113 Resp: 6022

Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.8	124.2
192	18.2	15.5	23.3



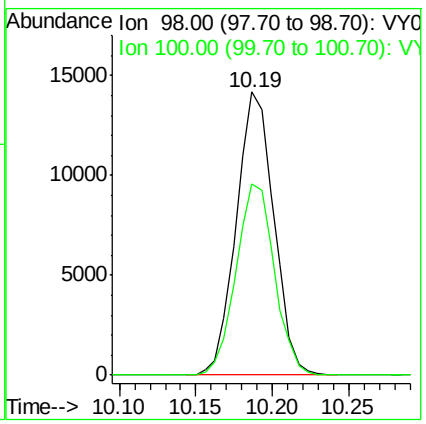


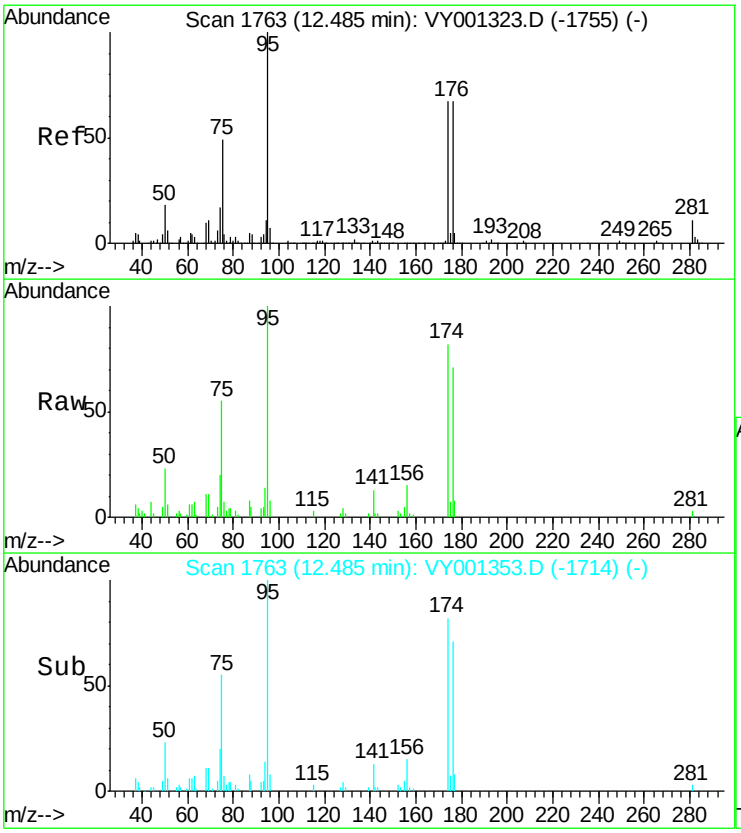
#50
Toluene-d8
Concen: 51.272 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001353.D
Acq: 23 Jan 2020 14:58

Instrument : MSVOA_Y
ClientSampleId : RBR-200031

Tgt Ion: 98 Resp: 24193

Ion	Ratio	Lower	Upper
98	100		
100	69.0	52.6	79.0

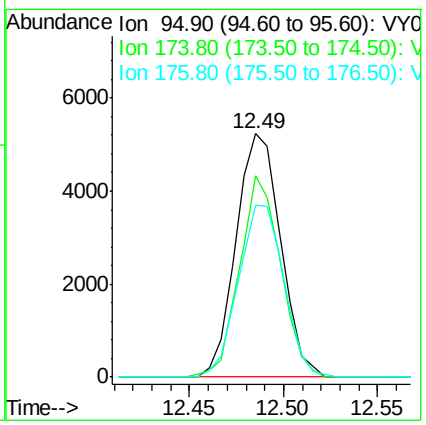


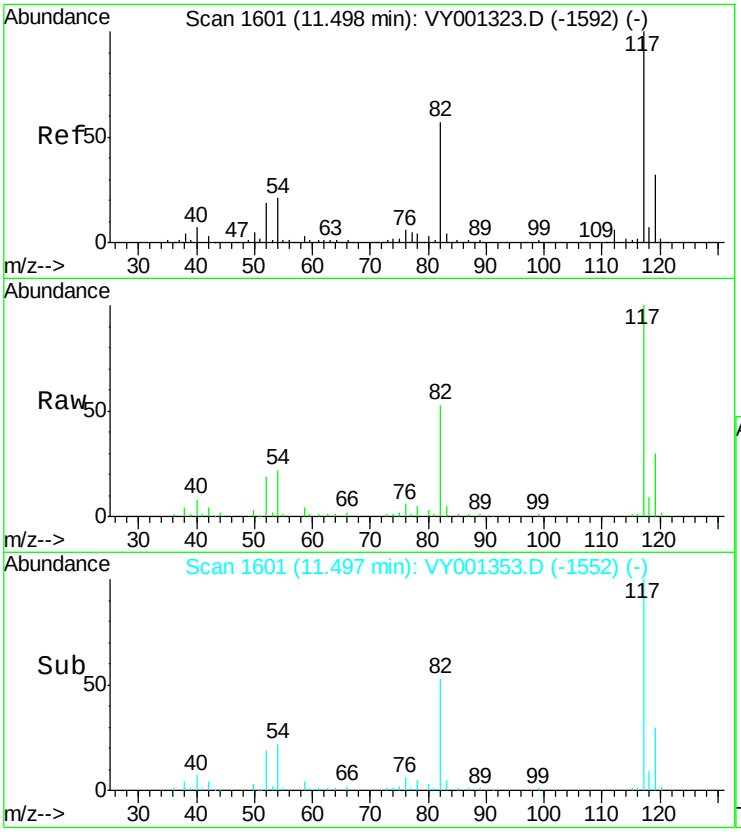


#62
4-Bromofluorobenzene
Concen: 45.629 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001353.D
Acq: 23 Jan 2020 14:58

Tgt Ion: 95 Resp: 8574

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	142.0
176	72.1	0.0	138.6



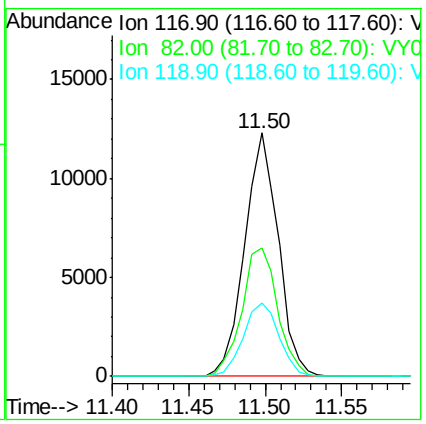


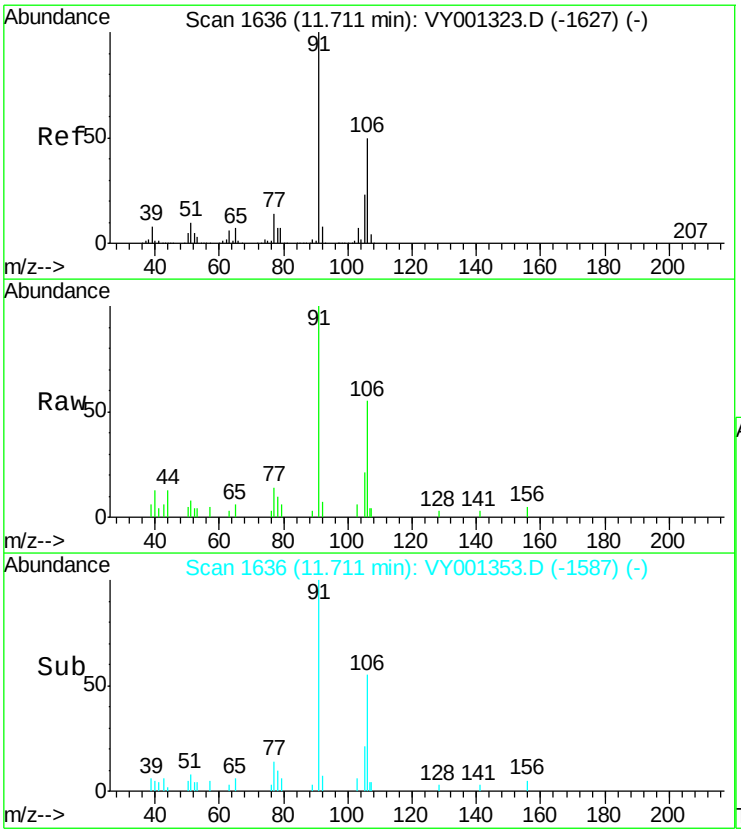
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001353.D
Acq: 23 Jan 2020 14:58

Instrument : MSVOA_Y
ClientSampleId : RBR-200031

Tgt Ion:117 Resp: 18740

Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.5	68.3
119	30.1	25.8	38.6

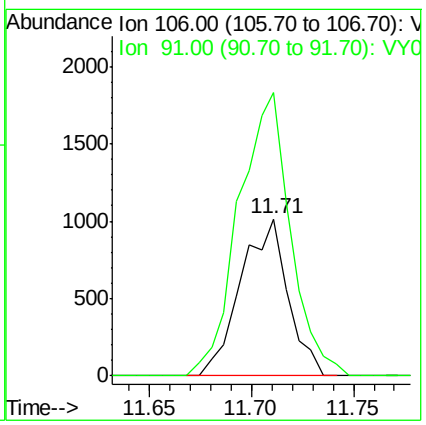


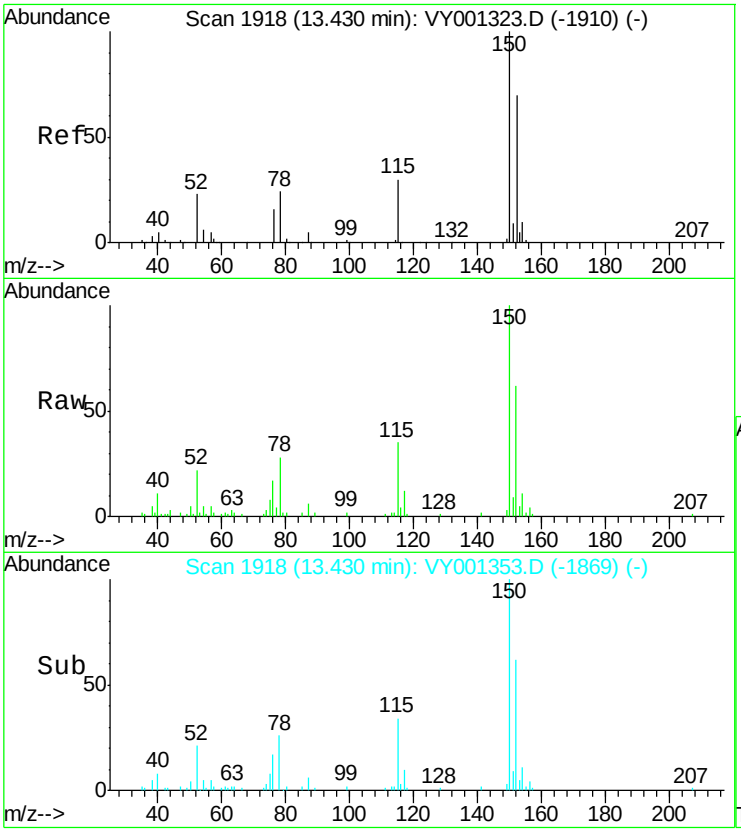


#68
m/p-Xylenes
Concen: 6.006 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001353.D
Acq: 23 Jan 2020 14:58

Tgt Ion:106 Resp: 1633

Ion	Ratio	Lower	Upper
106	100		
91	197.6	162.8	244.2



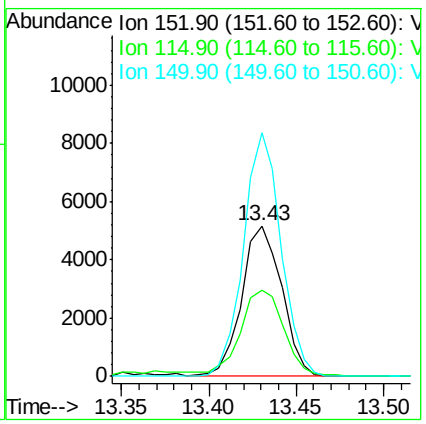


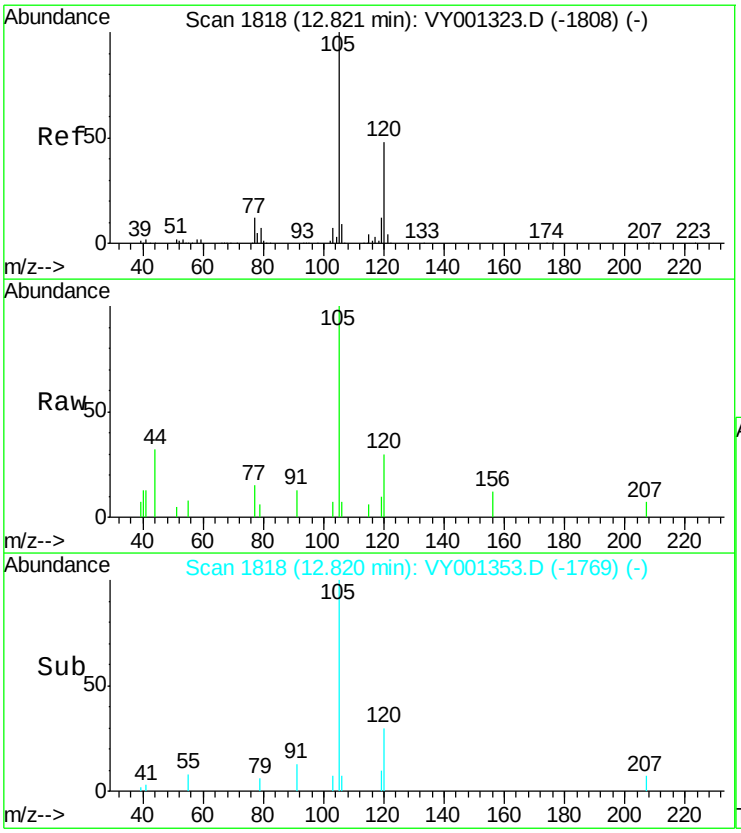
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001353.D
Acq: 23 Jan 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200031

Tgt Ion:152 Resp: 8193

Ion	Ratio	Lower	Upper
152	100		
115	62.9	30.9	92.8
150	151.7	0.0	349.2

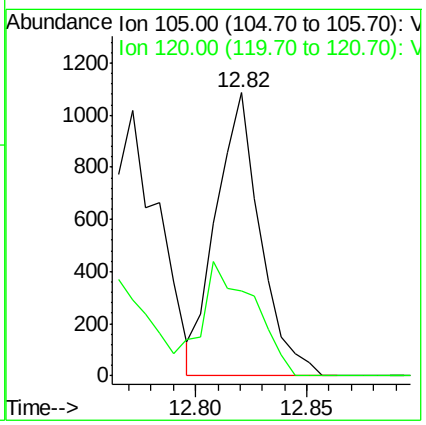


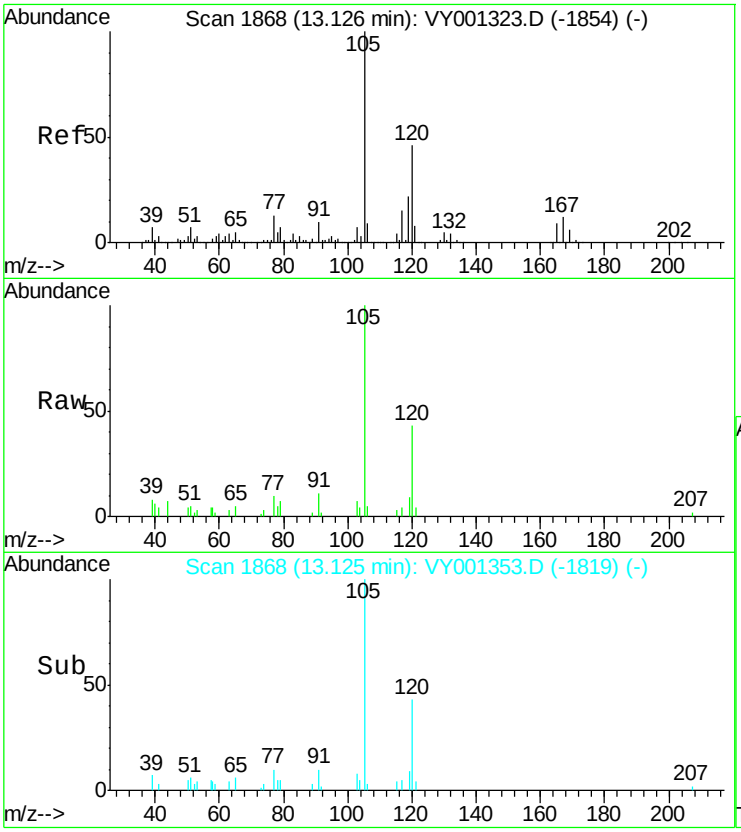


#80
1,3,5-Trimethylbenzene
Concen: 2.776 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY001353.D
Acq: 23 Jan 2020 14:58

Tgt Ion:105 Resp: 1498

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.3	72.9





#84
1,2,4-Trimethylbenzene
Concen: 10.936 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001353.D
Acq: 23 Jan 2020 14:58

Tgt Ion:105 Resp: 5925

Ion	Ratio	Lower	Upper
105	100		
120	41.7	22.4	67.3

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200031