Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041620\
Data File : VY002375.D
Acq On : 16 Apr 2020 18:16
Operator : SY/MD
Sample : L2271-02
Misc : 3.30G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : BG-1

Quant Time: Apr 17 08:13:12 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	7.81	168	135505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	259641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	216286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	76132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	71204	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.50%			
35) Dibromofluoromethane	7.74	113	76354	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.84%			
50) Toluene-d8	10.19	98	310484	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.02%			
62) 4-Bromofluorobenzene	12.49	95	87457	40.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.98%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.60	91	24728	3.004	ug/l	97
68) m/p-Xylenes	11.70	106	50821	16.486	ug/l	96
69) o-Xylene	12.04	106	16702	5.771	ug/l	99
73) Isopropylbenzene	12.34	105	33417	5.587	ug/l #	59

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

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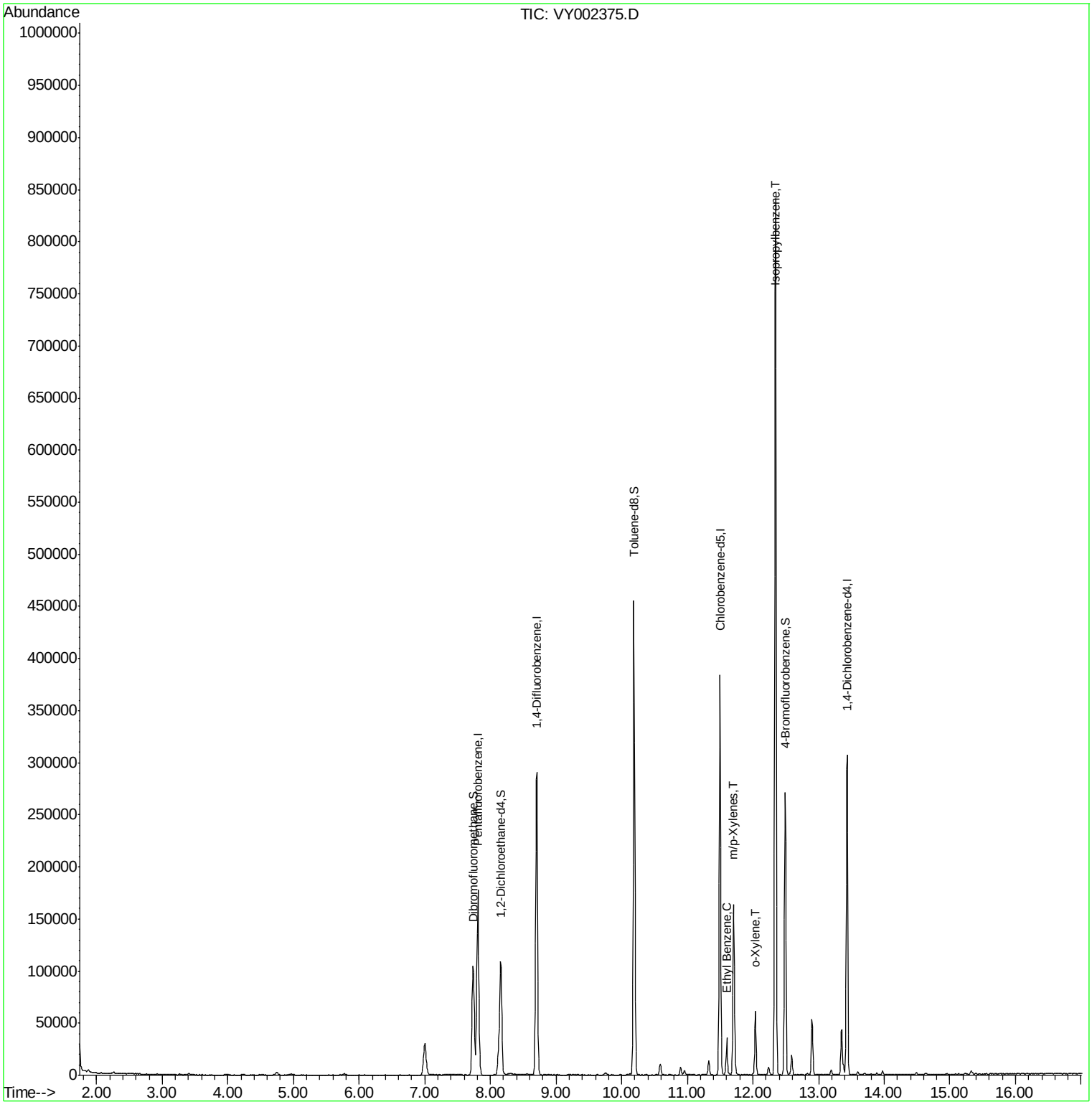
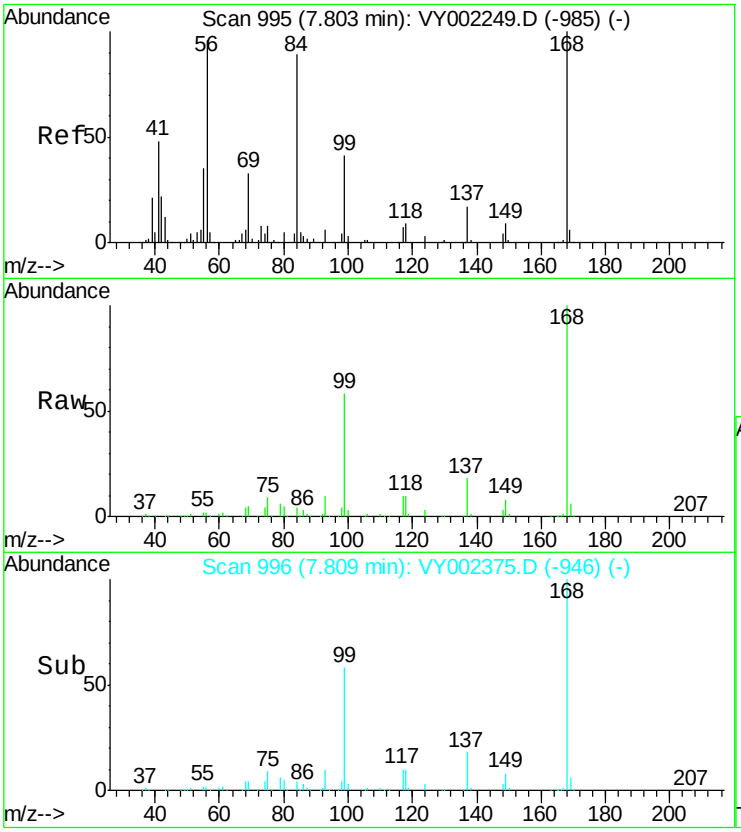


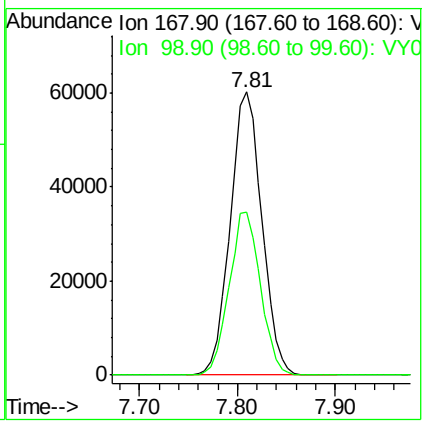


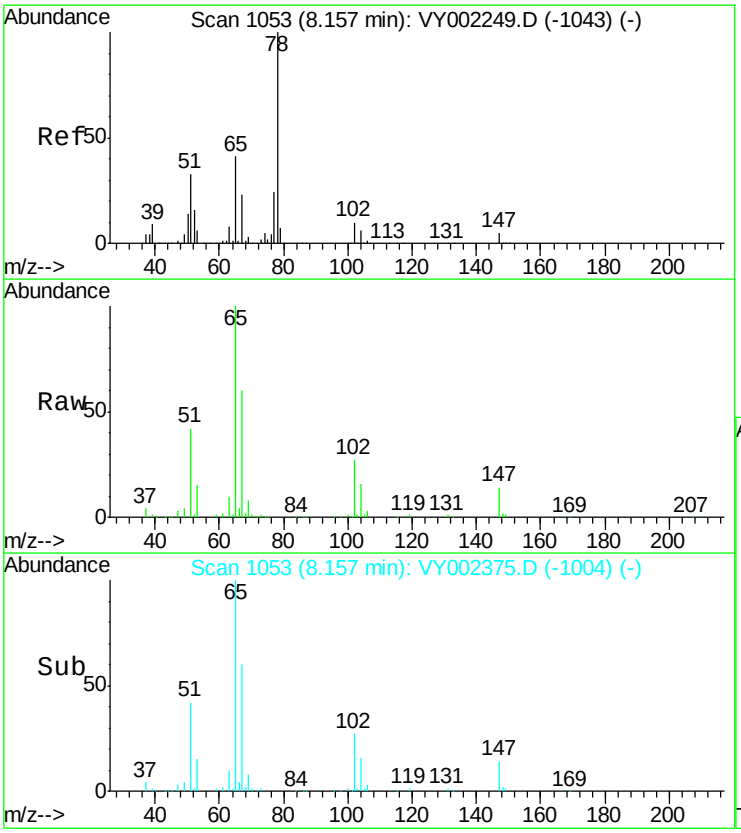
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
BG-1

Tgt Ion:168 Resp: 135505

Ion	Ratio	Lower	Upper
168	100		
99	57.8	48.0	72.0

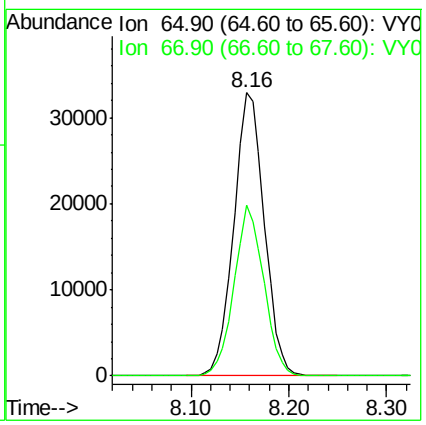


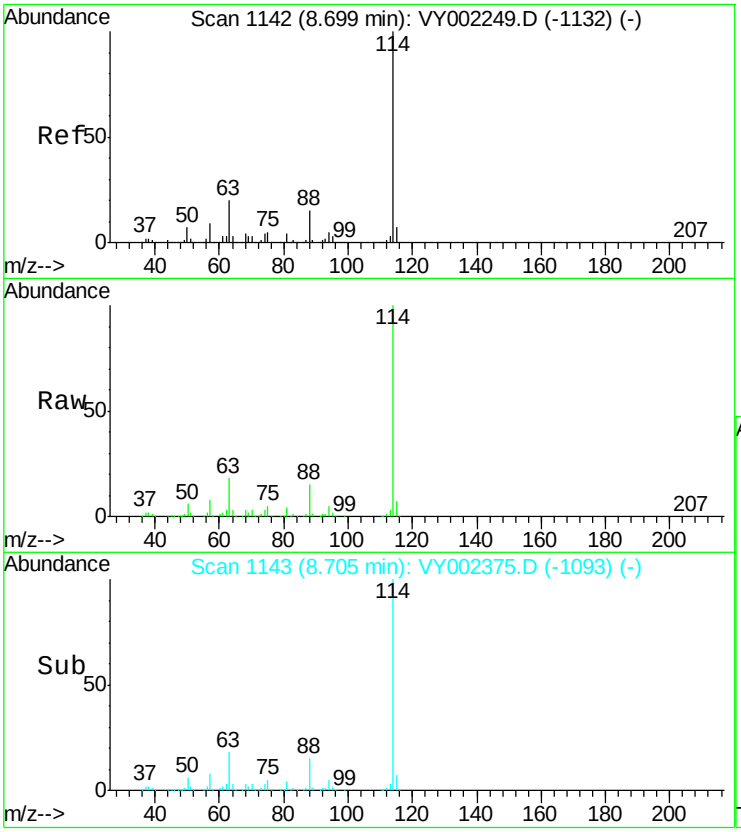


#33
1,2-Dichloroethane-d4
Concen: 47.252 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Tgt Ion: 65 Resp: 71204

Ion	Ratio	Lower	Upper
65	100		
67	58.5	0.0	114.0



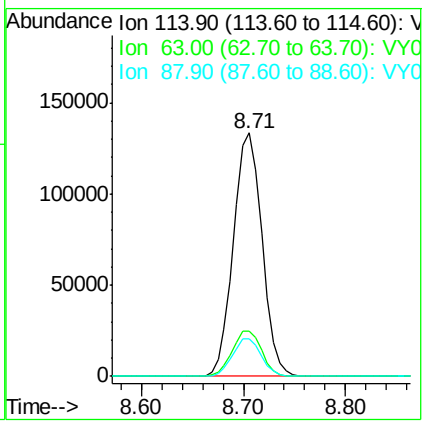


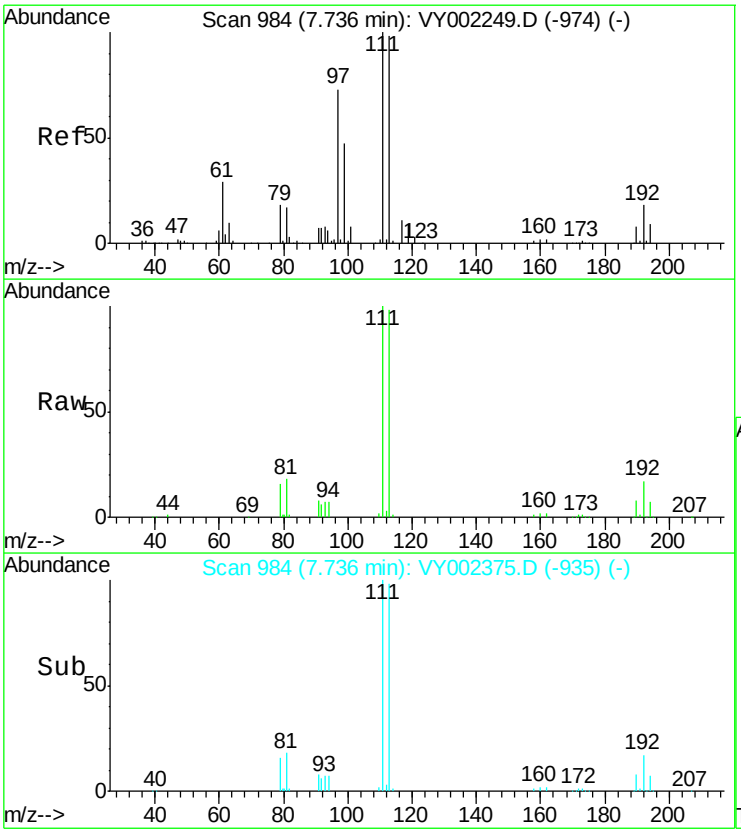
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
BG-1

Tgt Ion:114 Resp: 259641

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	39.0
88	15.4	0.0	31.0

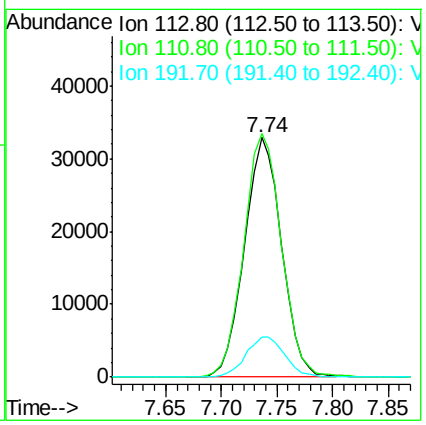


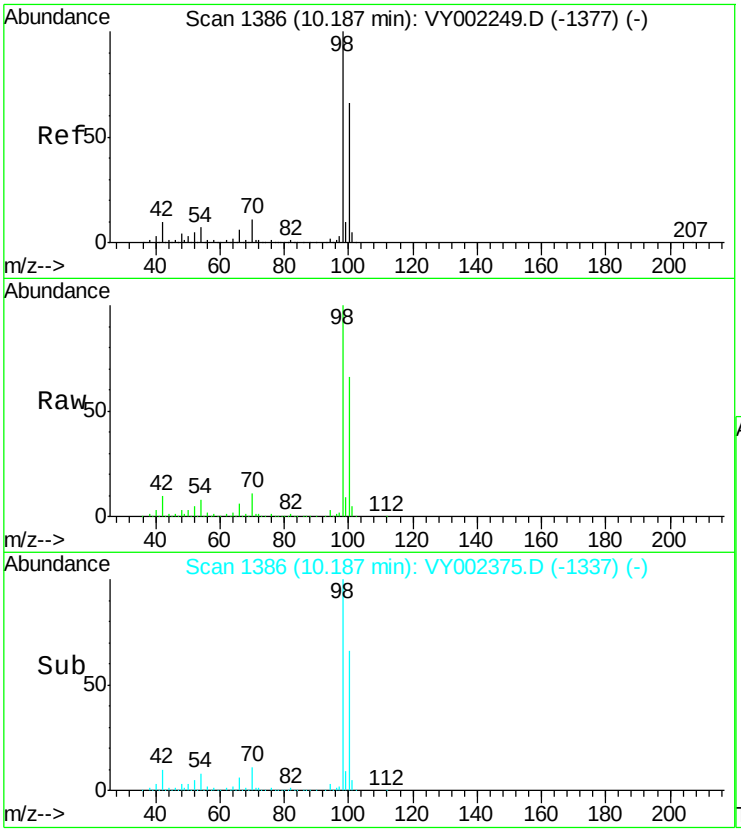


#35
Dibromofluoromethane
Concen: 49.422 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Tgt Ion:113 Resp: 76354

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.5	125.3
192	17.6	14.7	22.1



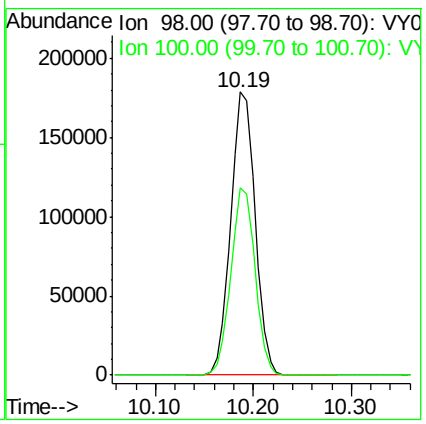


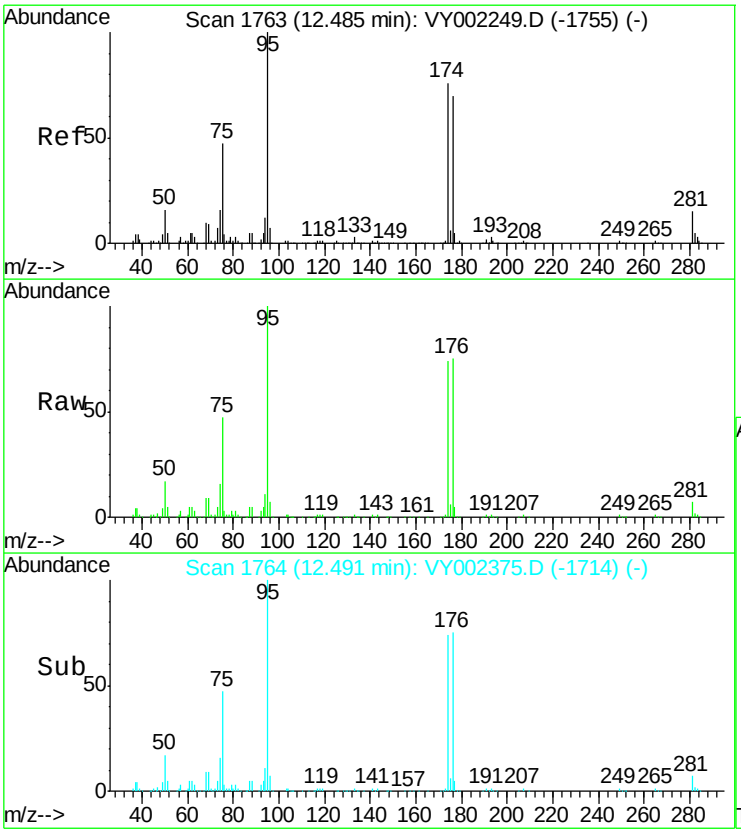
#50
Toluene-d8
Concen: 48.014 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
BG-1

Tgt Ion: 98 Resp: 310484

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	78.8

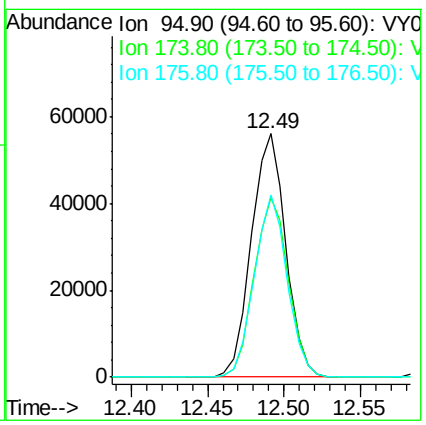


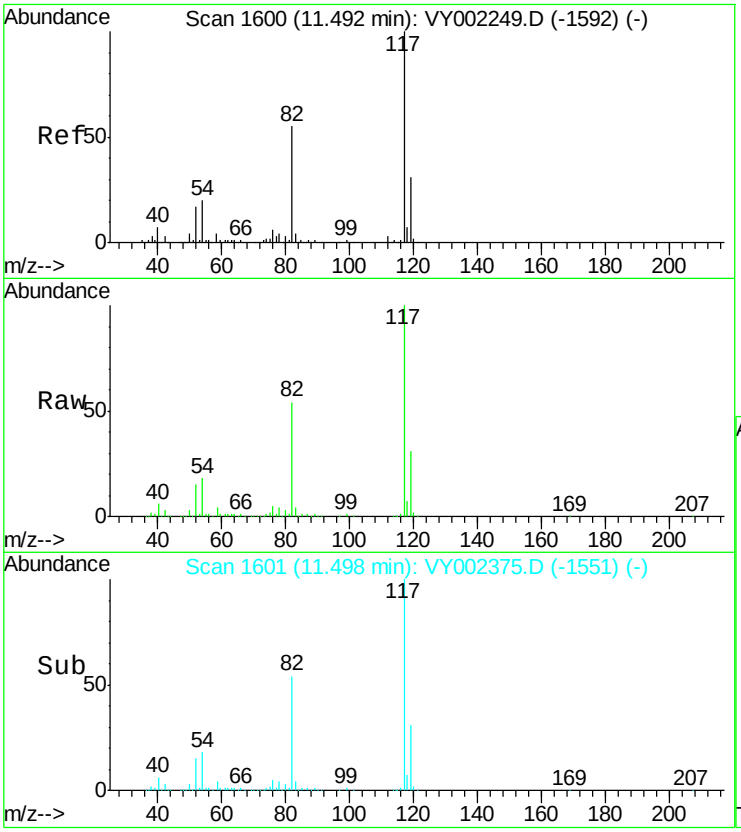


#62
4-Bromofluorobenzene
Concen: 40.994 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Tgt Ion: 95 Resp: 87457

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	150.6
176	71.6	0.0	141.4



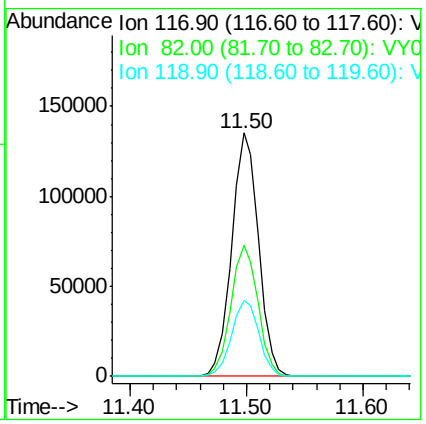


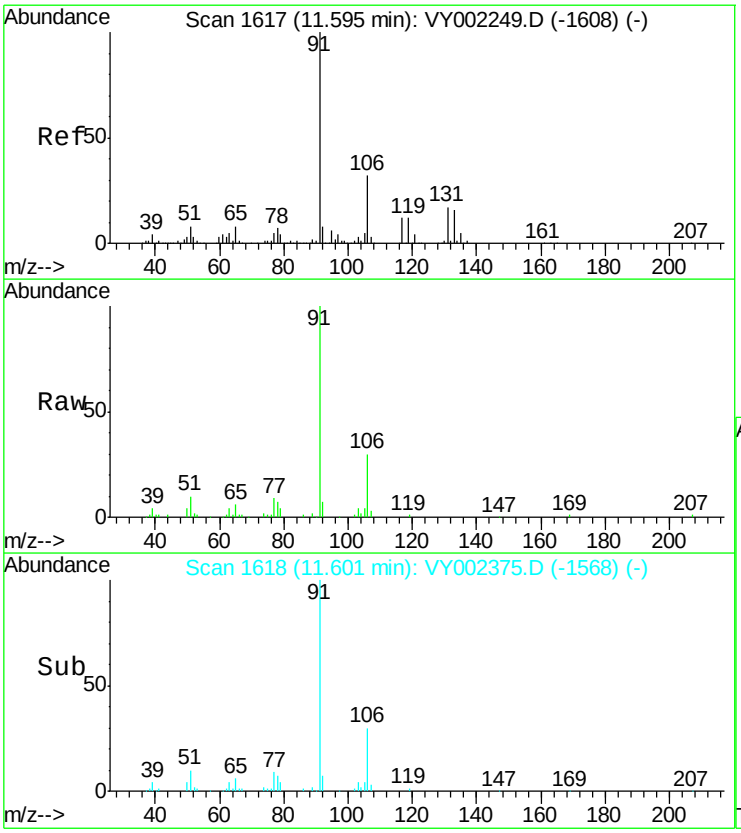
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Instrument : MSVOA_Y
ClientSampleId : BG-1

Tgt Ion:117 Resp: 216286

Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.2	66.4
119	31.0	25.1	37.7

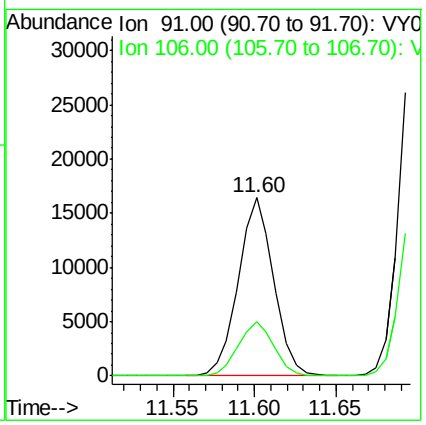


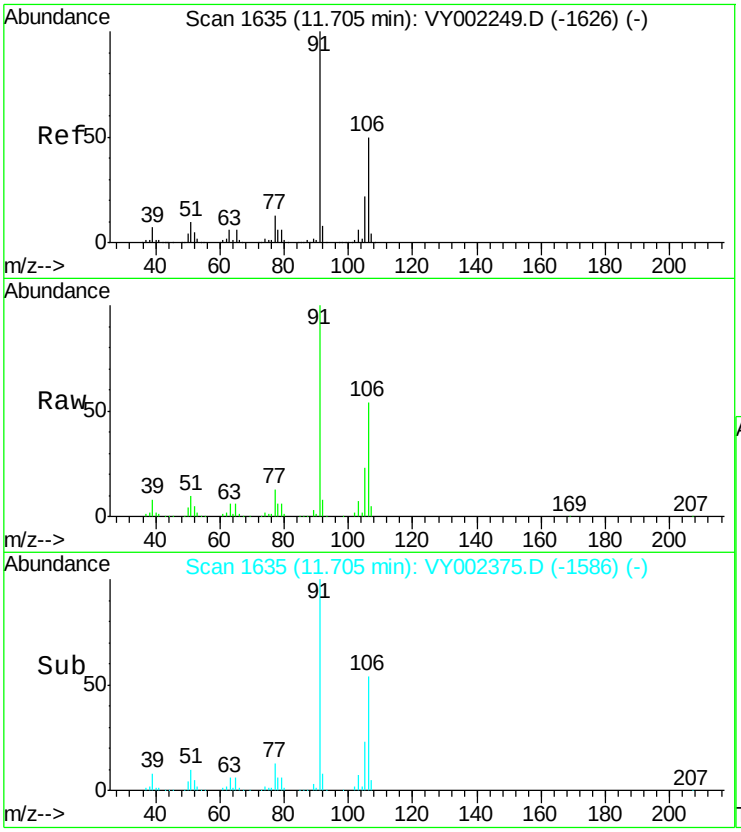


#67
Ethyl Benzene
Concen: 3.004 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Tgt Ion: 91 Resp: 24728

Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.4	38.0



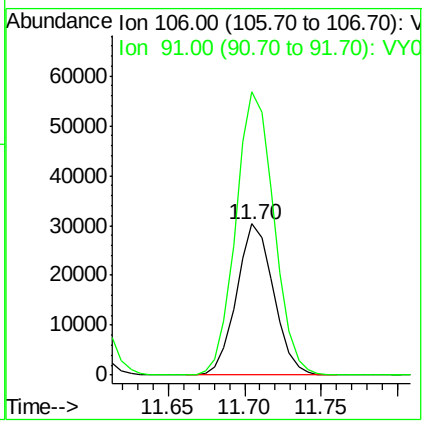


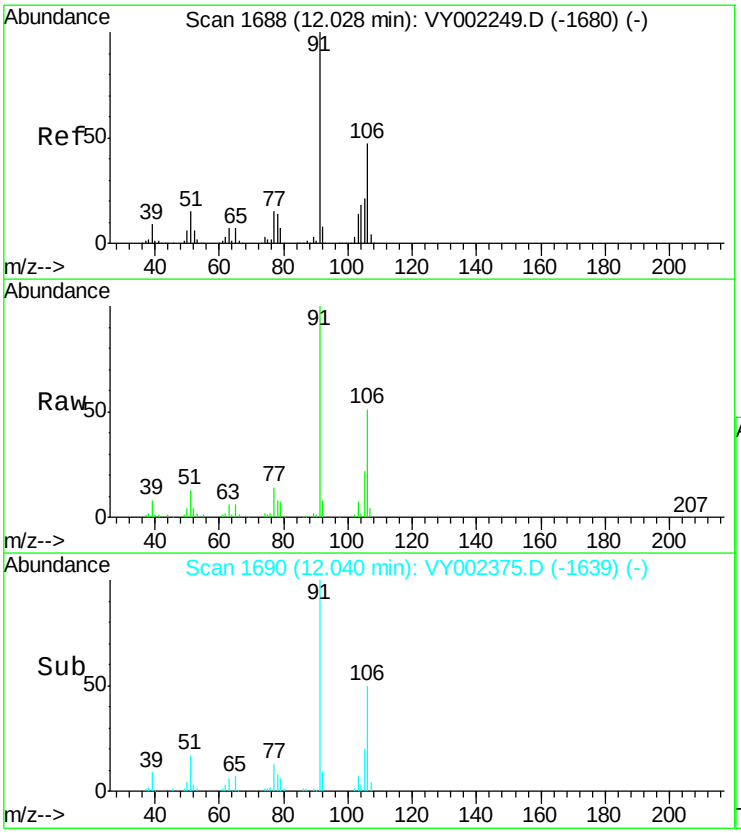
#68
m/p-Xylenes
Concen: 16.486 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
BG-1

Tgt Ion:106 Resp: 50821

Ion	Ratio	Lower	Upper
106	100		
91	193.6	159.8	239.6

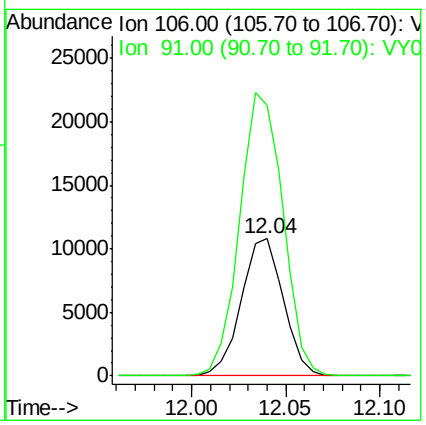


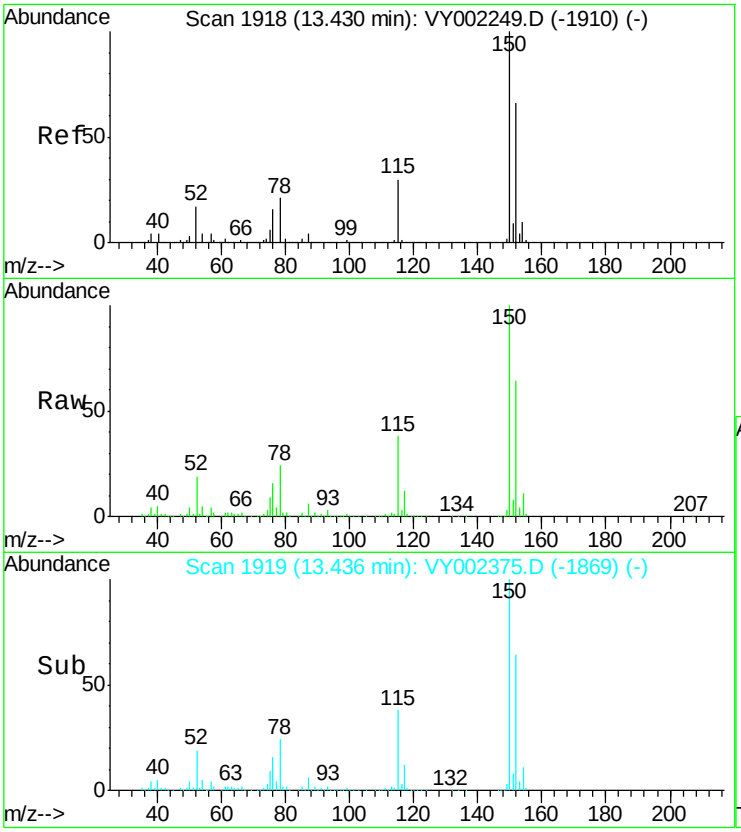


#69
o-Xylene
Concen: 5.771 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Tgt Ion:106 Resp: 16702

Ion	Ratio	Lower	Upper
106	100		
91	212.8	105.8	317.3



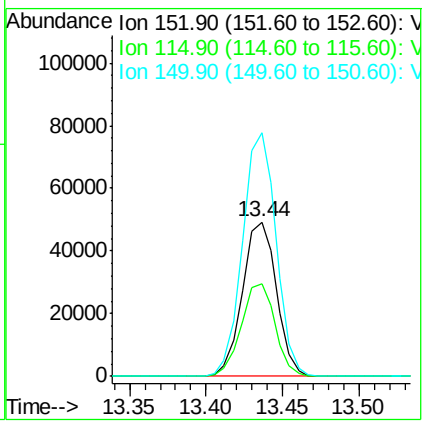


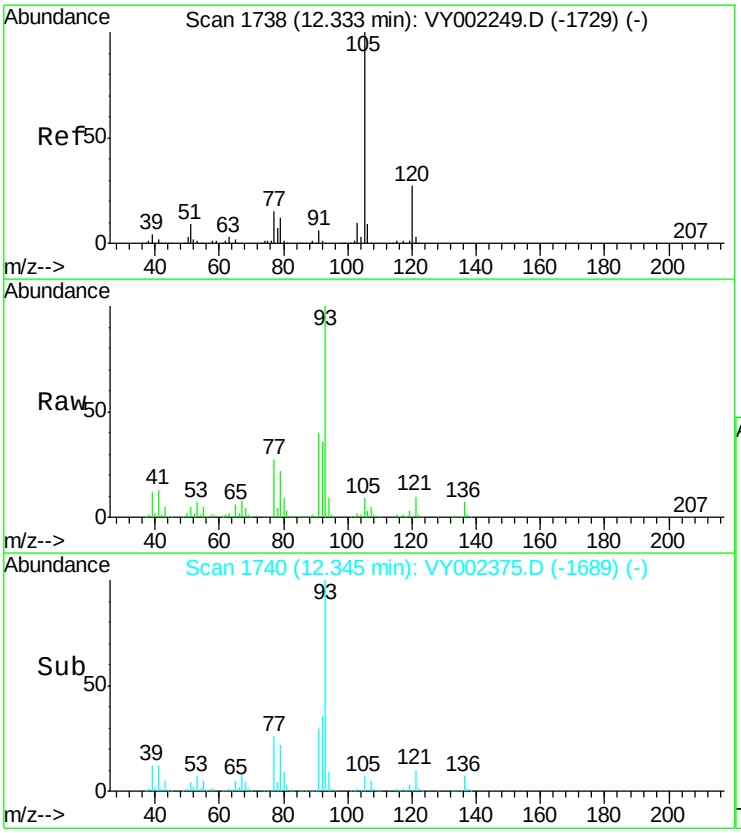
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Instrument : MSVOA_Y
ClientSampleId : BG-1

Tgt Ion:152 Resp: 76132

Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.7	92.1
150	155.7	0.0	350.6





#73
Isopropylbenzene
Concen: 5.587 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002375.D
Acq: 16 Apr 2020 18:16

Tgt Ion:105 Resp: 33417

Ion	Ratio	Lower	Upper
105	100		
120	5.4	13.3	39.8#