Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000710.D
Acq On : 15 Nov 2019 18:33
Operator : SY/MD
Sample : K5861-21
Misc : 6.41G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EP-18

Quant Time: Nov 16 03:22:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	179774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	331851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	314008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	151404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	114896	61.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.52%			
35) Dibromofluoromethane	7.73	113	100557	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.24%			
50) Toluene-d8	10.18	98	389734	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.44%			
62) 4-Bromofluorobenzene	12.48	95	140693	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.98%			

Target Compounds	Qvalue

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

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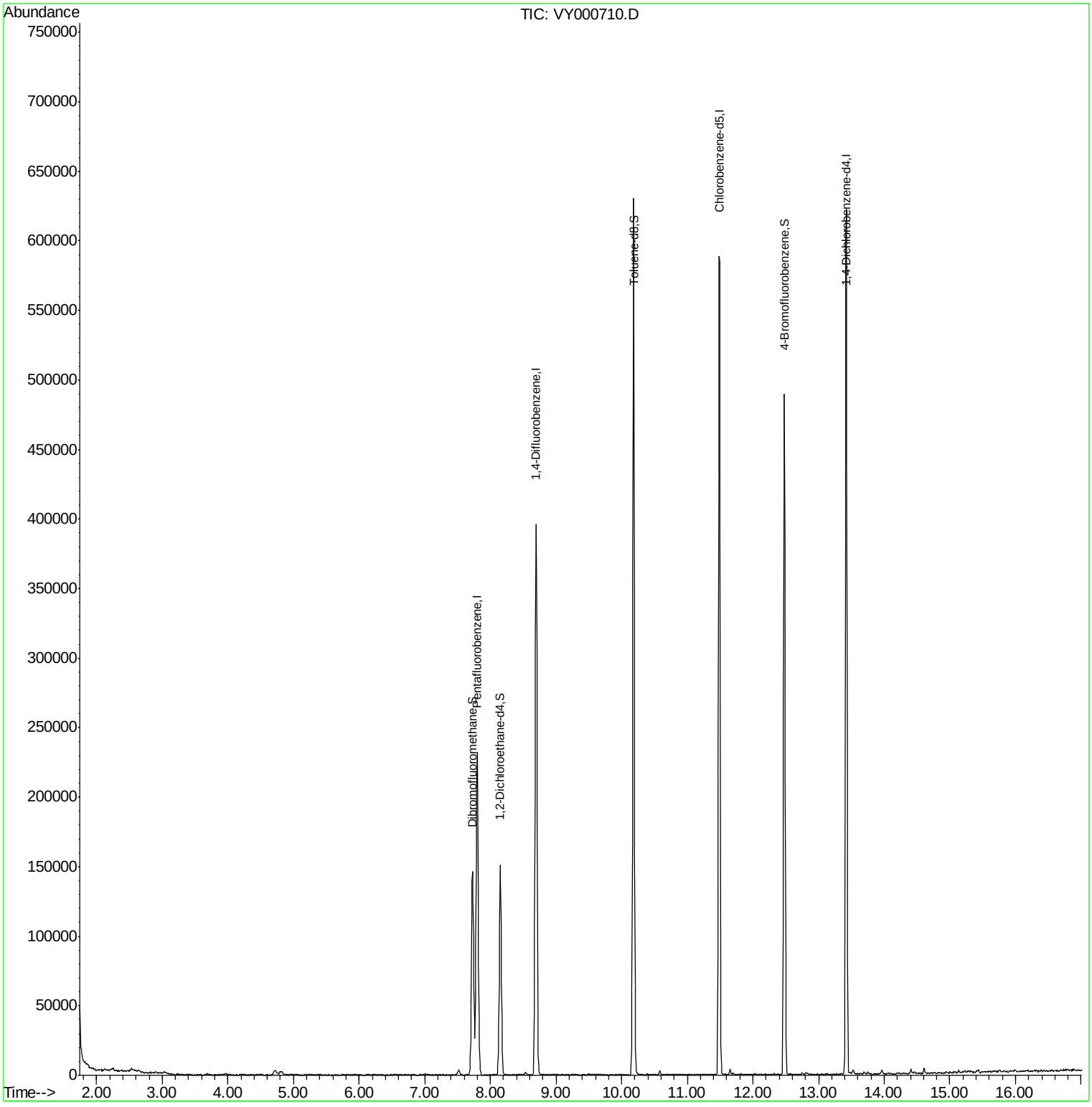
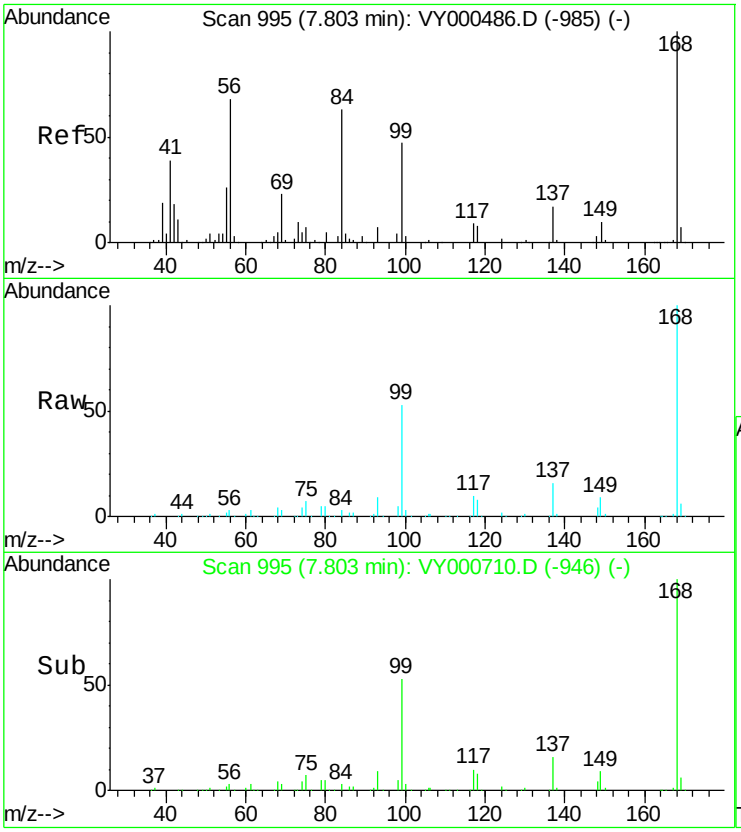


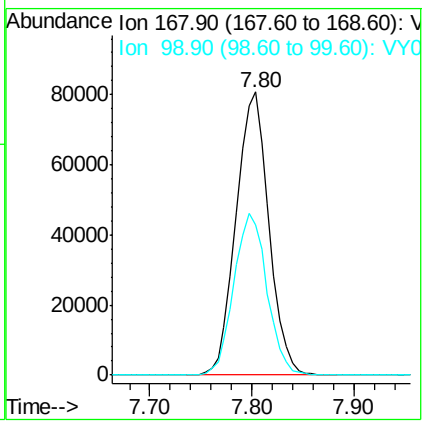


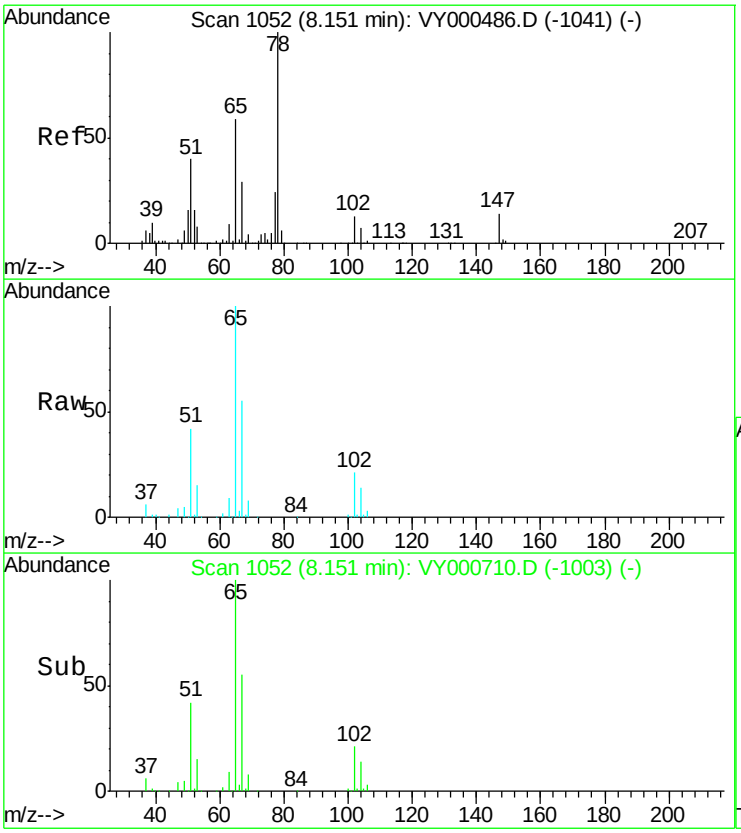
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument :
MSVOA_Y
ClientSampleId :
EP-18

Tgt Ion:168 Resp: 179774

Ion	Ratio	Lower	Upper
168	100		
99	53.1	45.7	68.5

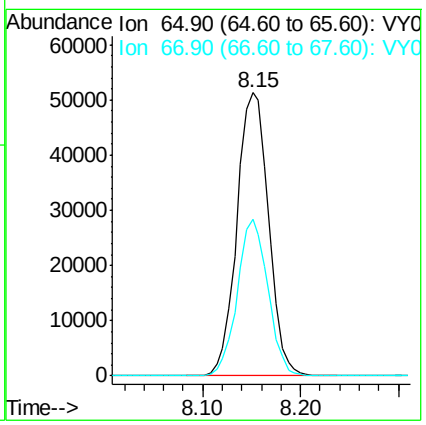


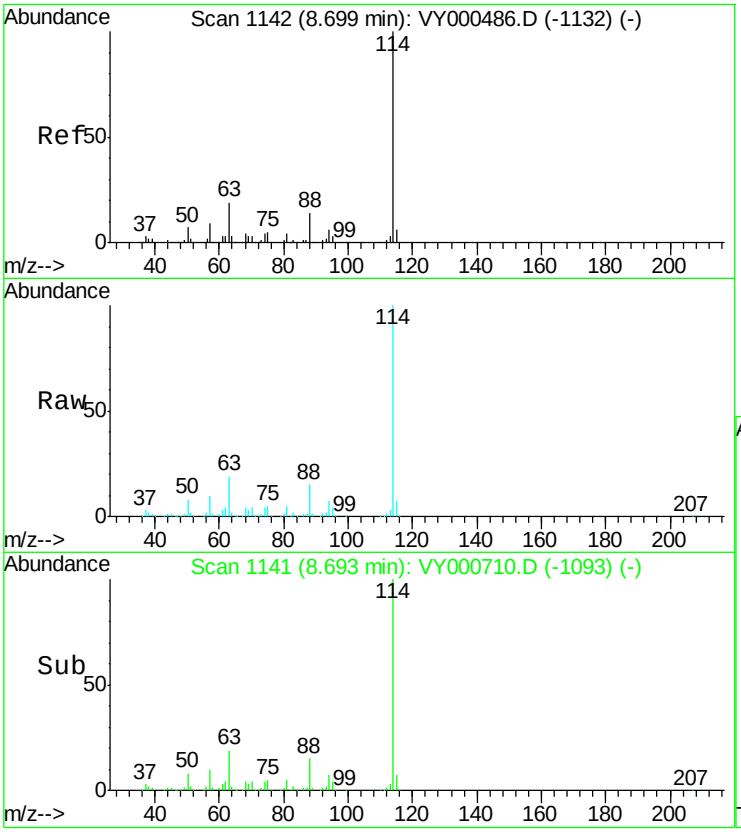


#33
1,2-Dichloroethane-d4
Concen: 61.758 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion: 65 Resp: 114896

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.2



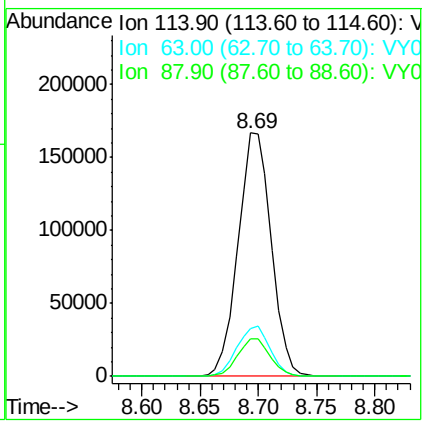


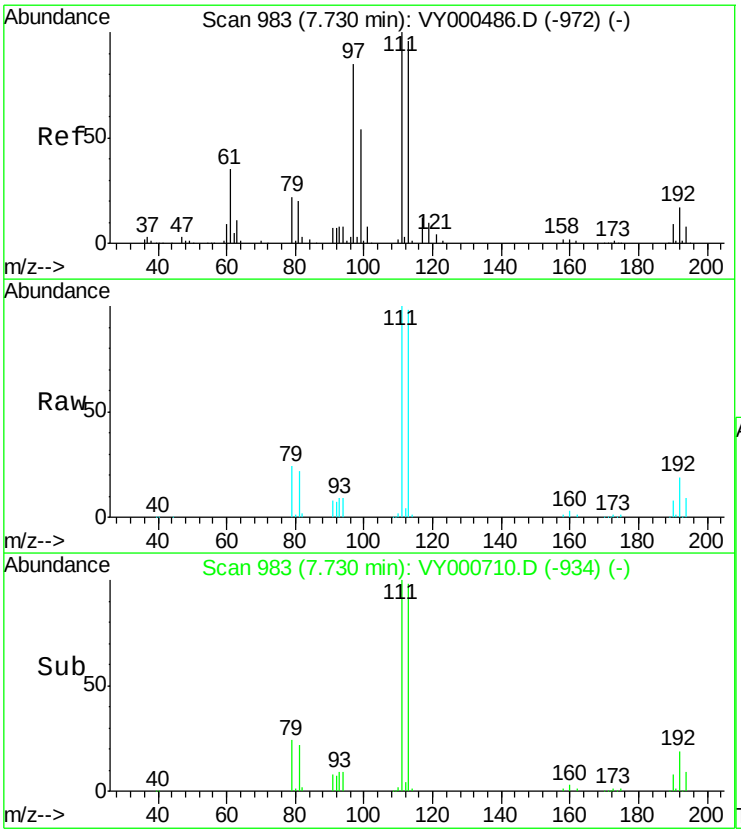
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument : MSVOA_Y
ClientSampleId : EP-18

Tgt Ion:114 Resp: 331851

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.0
88	15.5	0.0	28.6

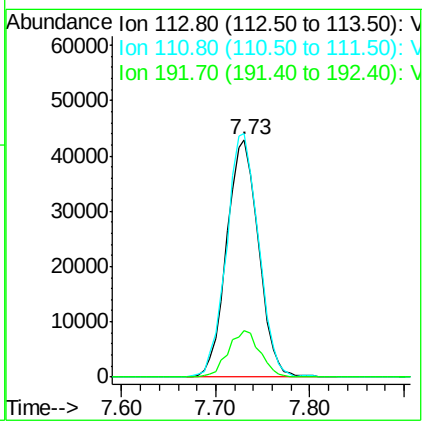


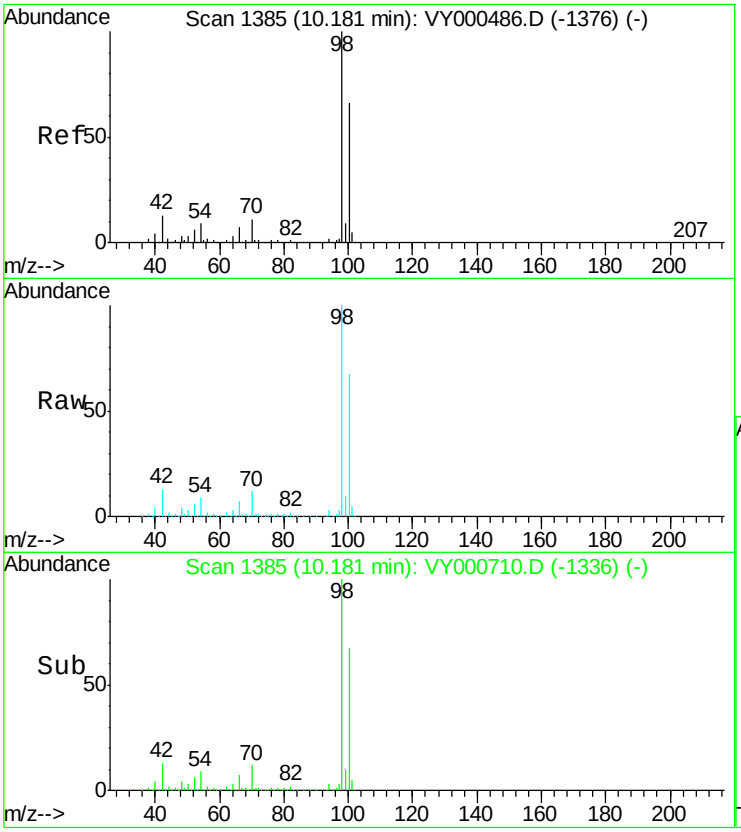


#35
Dibromofluoromethane
Concen: 51.616 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion:113 Resp: 100557

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.7	122.5
192	19.7	15.0	22.4



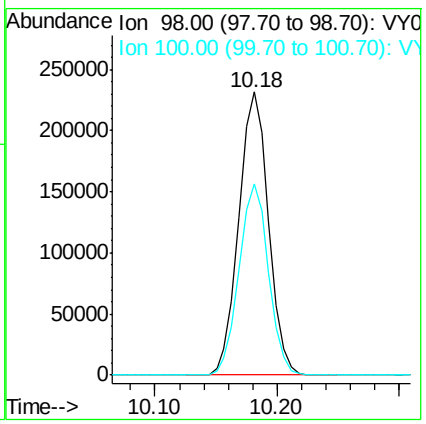


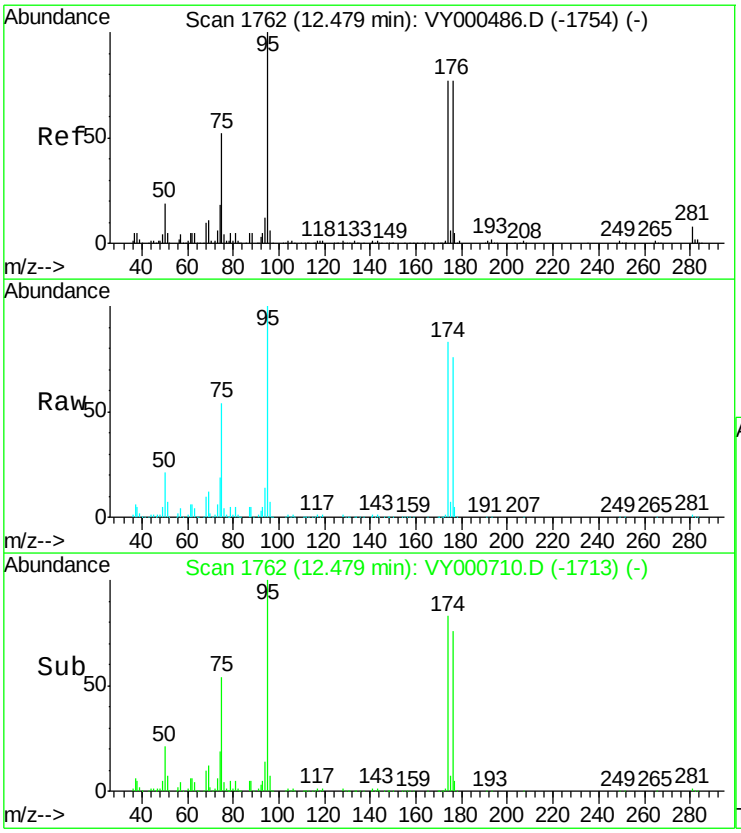
#50
Toluene-d8
Concen: 52.722 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument : MSVOA_Y
ClientSampleId : EP-18

Tgt Ion: 98 Resp: 389734

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.9	79.3

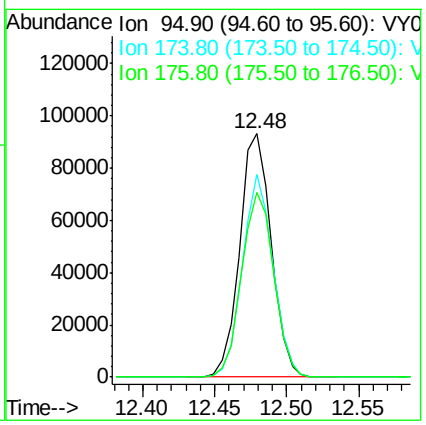


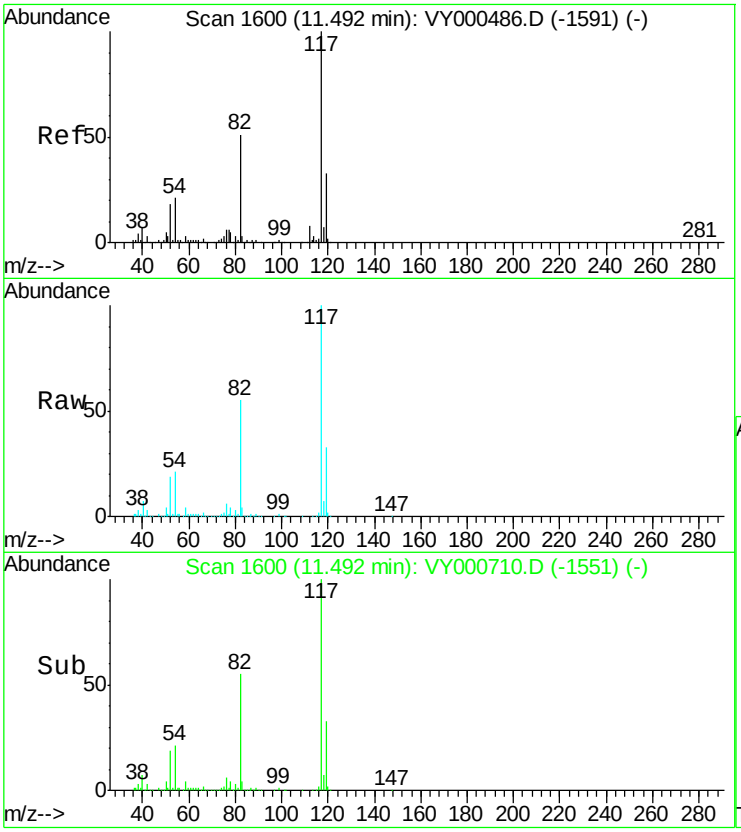


#62
4-Bromofluorobenzene
Concen: 49.994 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion: 95 Resp: 140693

Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	161.6
176	77.3	0.0	157.8



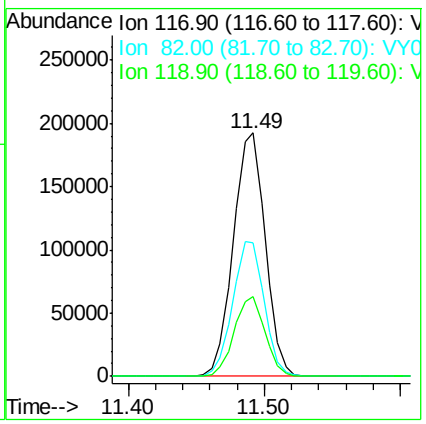


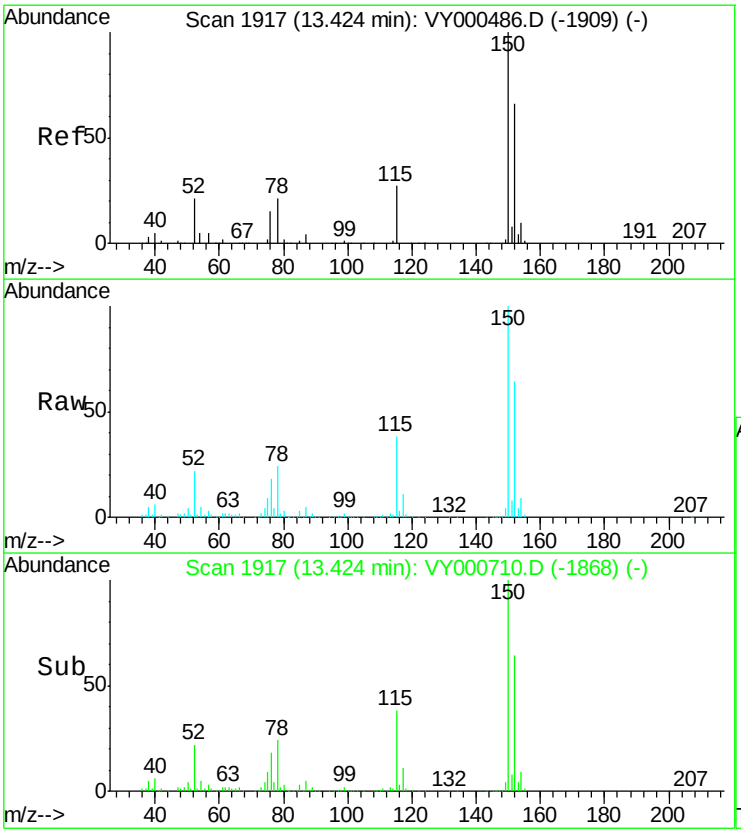
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Instrument : MSVOA_Y
ClientSampleId : EP-18

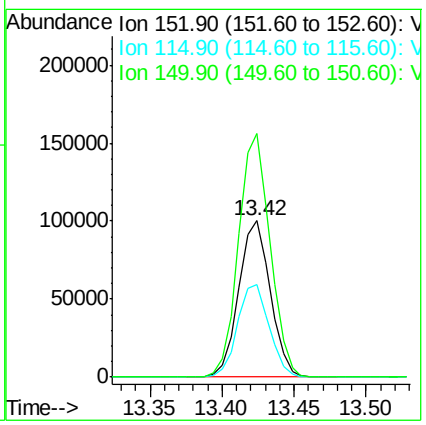
Tgt Ion:117 Resp: 314008

Ion	Ratio	Lower	Upper
117	100		
82	55.1	40.8	61.2
119	32.6	26.2	39.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000710.D
Acq: 15 Nov 2019 18:33

Tgt Ion:152 Resp: 151404

Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.1	87.4
150	156.0	0.0	348.8