

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY121719\
 Data File : VY000986.D
 Acq On : 17 Dec 2019 18:03
 Operator : SY/MD
 Sample : K6357-16
 Misc : 5.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-K

Quant Time: Dec 19 07:16:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

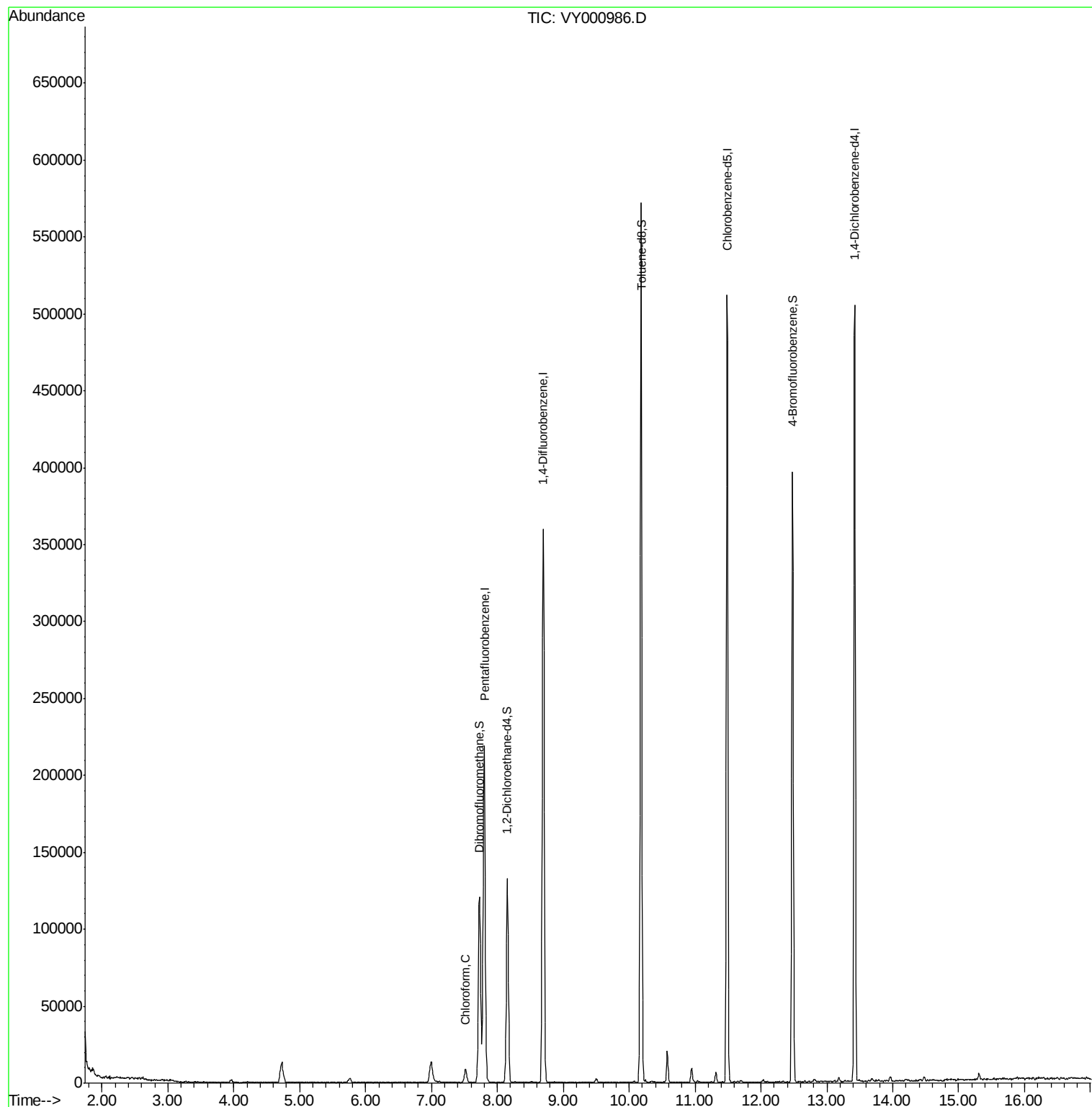
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	167764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	313922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	281632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	125922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	95319	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
35) Dibromofluoromethane	7.73	113	88254	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	10.18	98	367457	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.48	95	118157	43.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.02%	
Target Compounds						
30) Chloroform	7.52	83	8825	2.462	ug/l	Qvalue 97

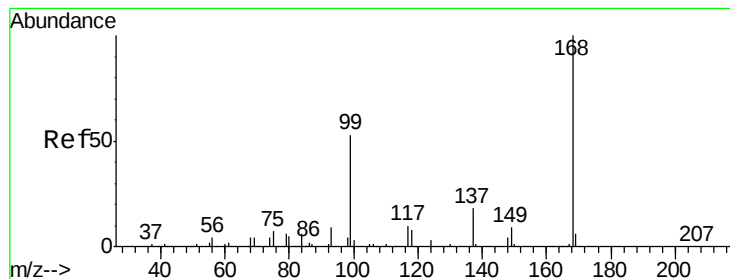
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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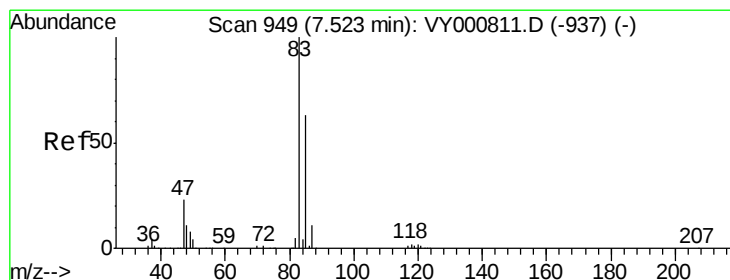
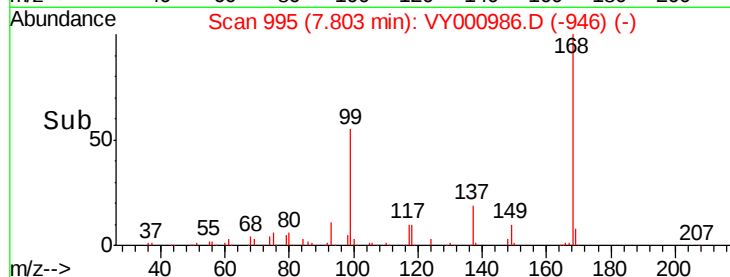
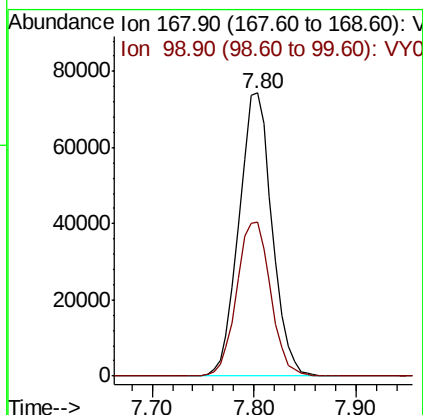
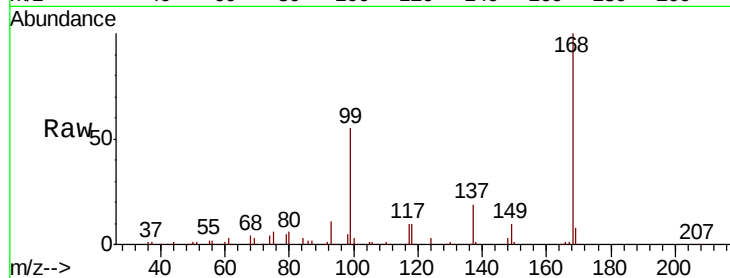




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000986.D
Acq: 17 Dec 2019 18:03

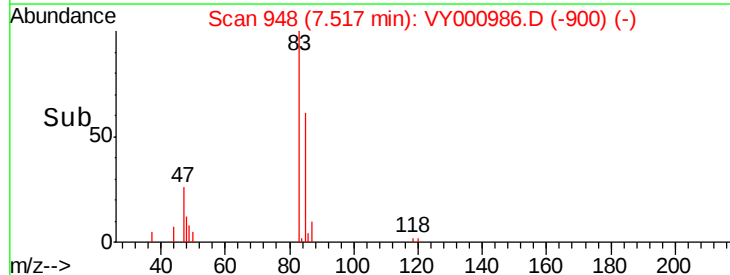
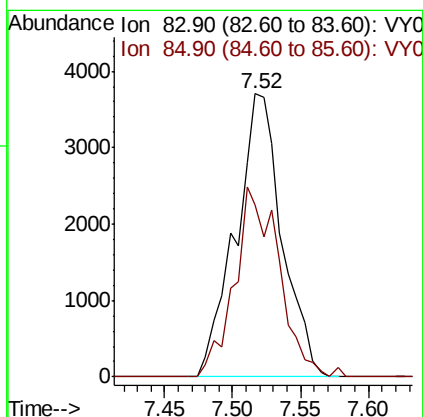
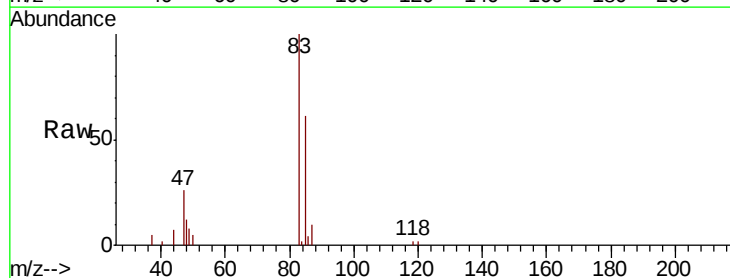
Instrument :
MSVOA_Y
ClientSampled :
PF-K

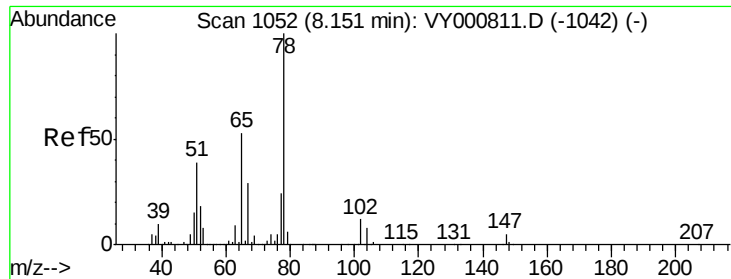
Tot Ion:168 Resp: 167764
Ion Ratio Lower Upper
168 100
99 54.6 45.0 67.6



#30
Chloroform
Concen: 2.462 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000986.D
Acq: 17 Dec 2019 18:03

Tgt Ion: 83 Resp: 8825
Ion Ratio Lower Upper
83 100
85 60.8 50.4 75.6

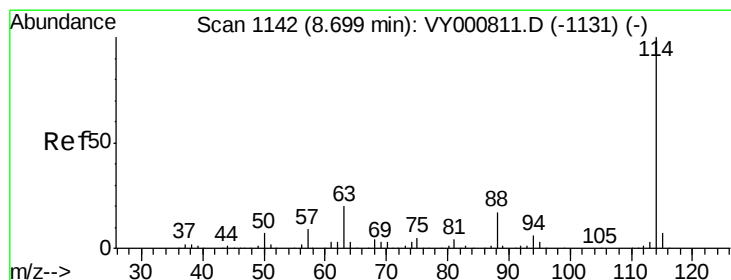
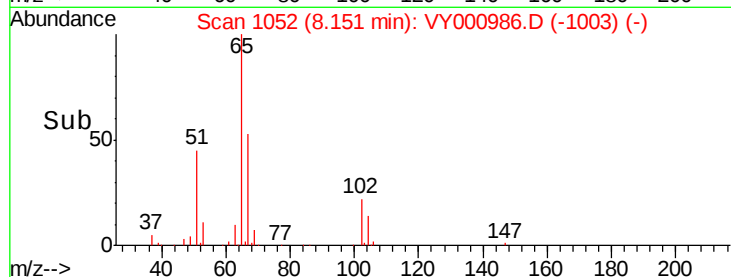
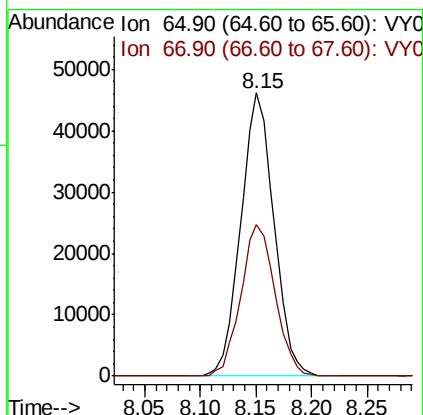
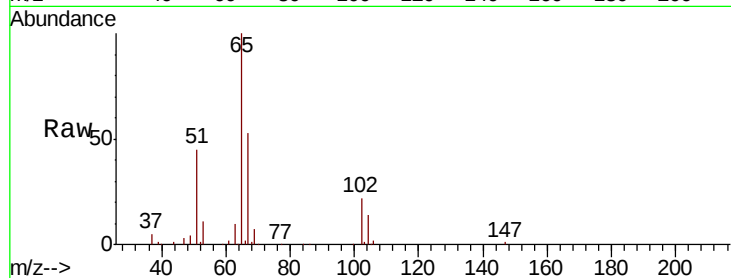




#33
 1,2-Dichloroethane-d4
 Concen: 53.471 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000986.D
 Acq: 17 Dec 2019 18:03

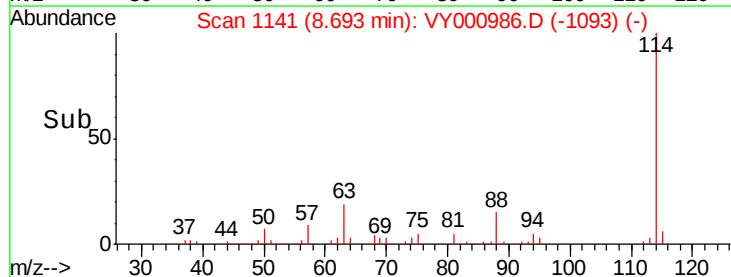
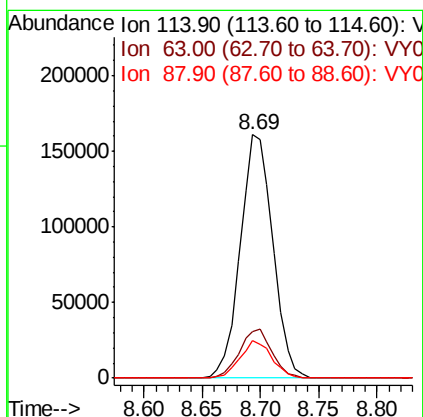
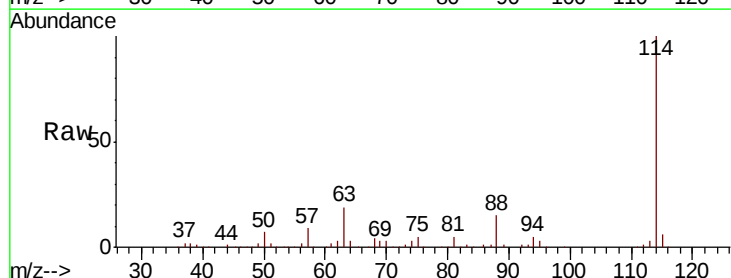
Instrument :
 MSVOA_Y
 ClientSampled :
 PF-K

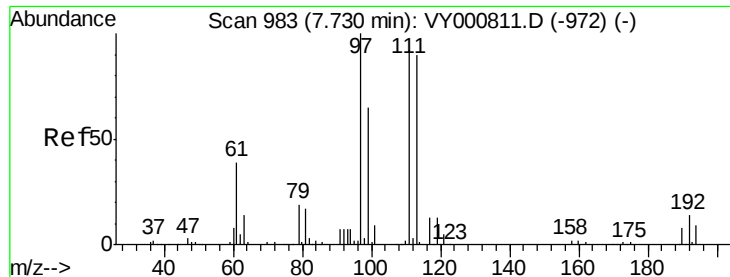
Tot Ion: 65 Resp: 95319
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000986.D
 Acq: 17 Dec 2019 18:03

Tgt Ion: 114 Resp: 313922
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.4 0.0 33.2

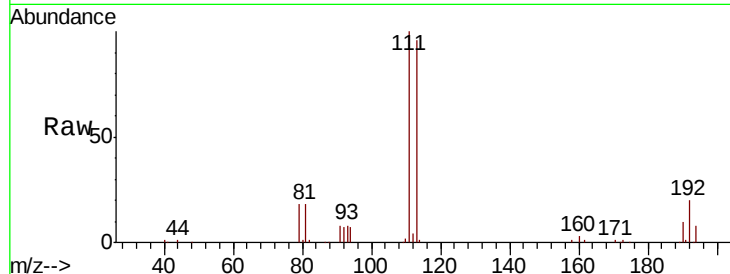




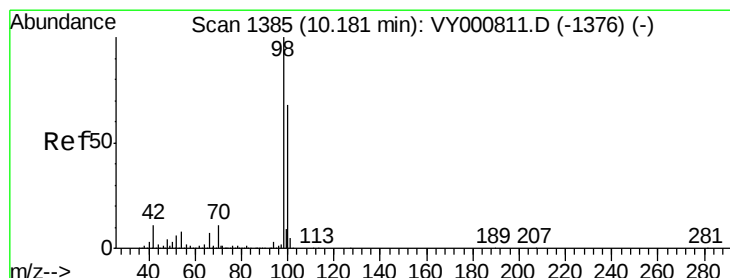
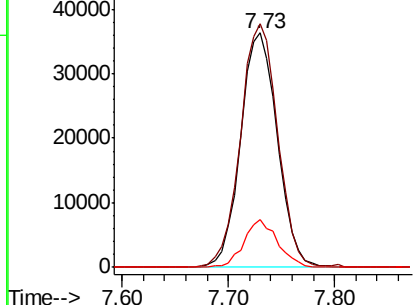
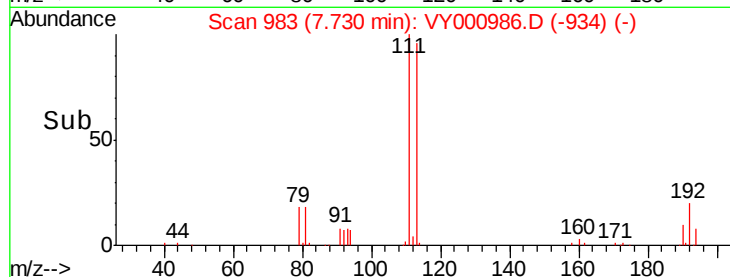
#35
 Dibromofluoromethane
 Concen: 48.238 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000986.D
 Acq: 17 Dec 2019 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-K

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.4	123.6
192	18.6	14.2	21.2

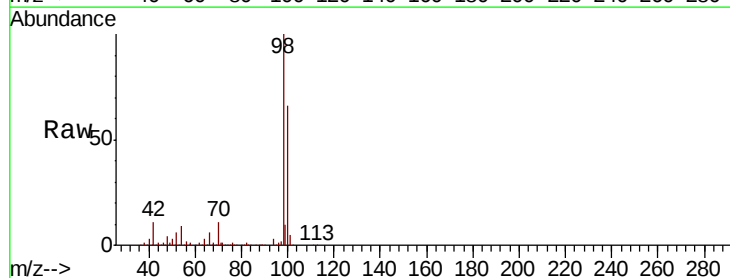


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

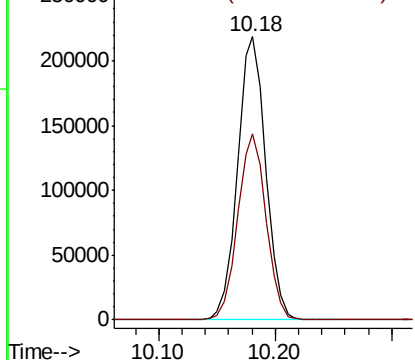
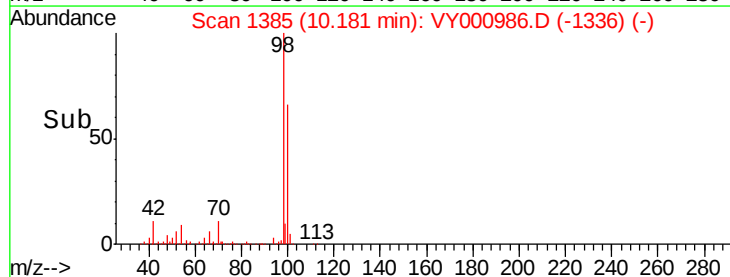


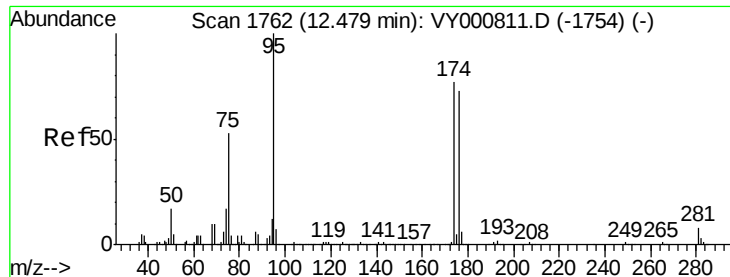
#50
 Toluene-d8
 Concen: 50.238 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000986.D
 Acq: 17 Dec 2019 18:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY

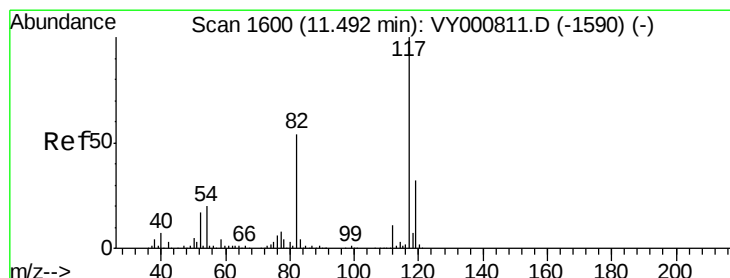
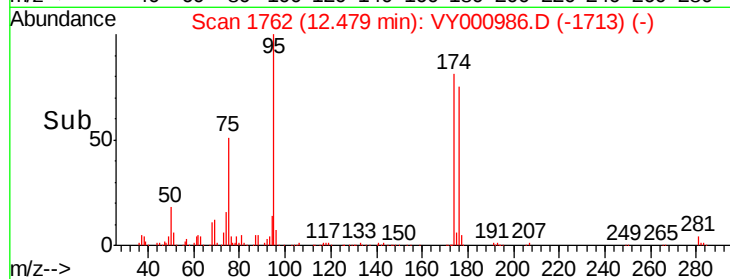
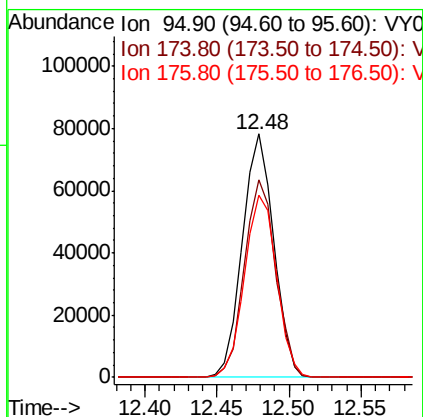
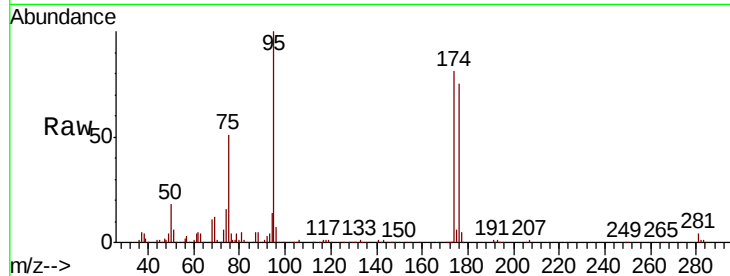




#62
4-Bromofluorobenzene
Concen: 43.014 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000986.D
Acq: 17 Dec 2019 18:03

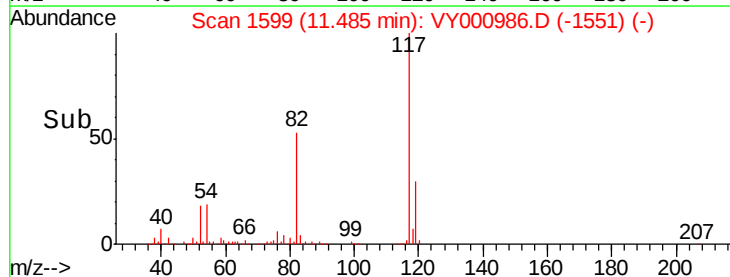
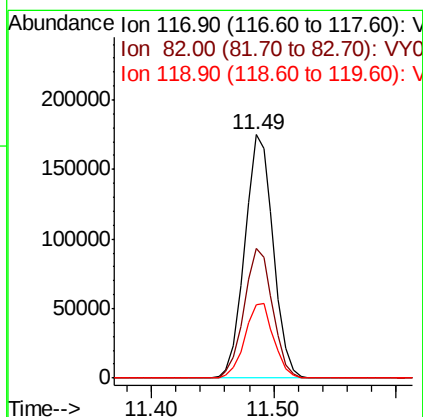
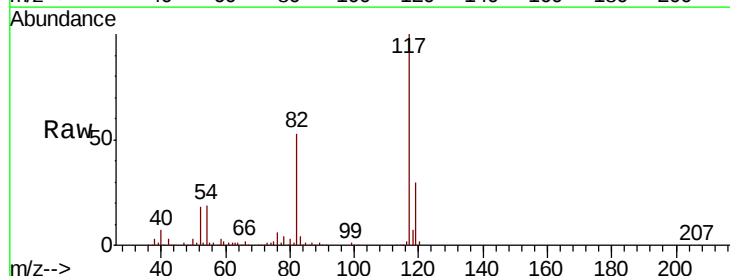
Instrument :
MSVOA_Y
ClientSampled :
PF-K

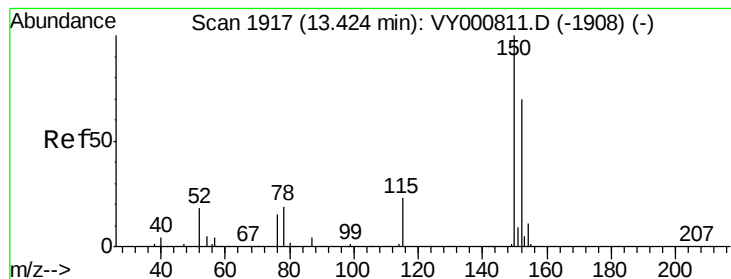
Tot Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	150.6
176	76.6	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000986.D
Acq: 17 Dec 2019 18:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.1	64.7
119	30.4	25.3	37.9



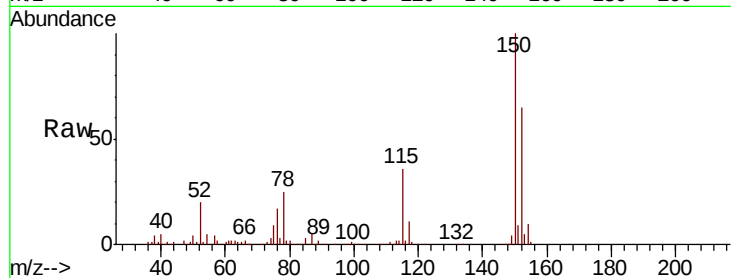


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY000986.D
 Acq: 17 Dec 2019 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-K

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.3	87.8
150	154.7	0.0	351.2



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

