

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121819\
 Data File : VY000997.D
 Acq On : 18 Dec 2019 14:11
 Operator : SY/MD
 Sample : K6357-18
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-M

Quant Time: Dec 19 06:03:10 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

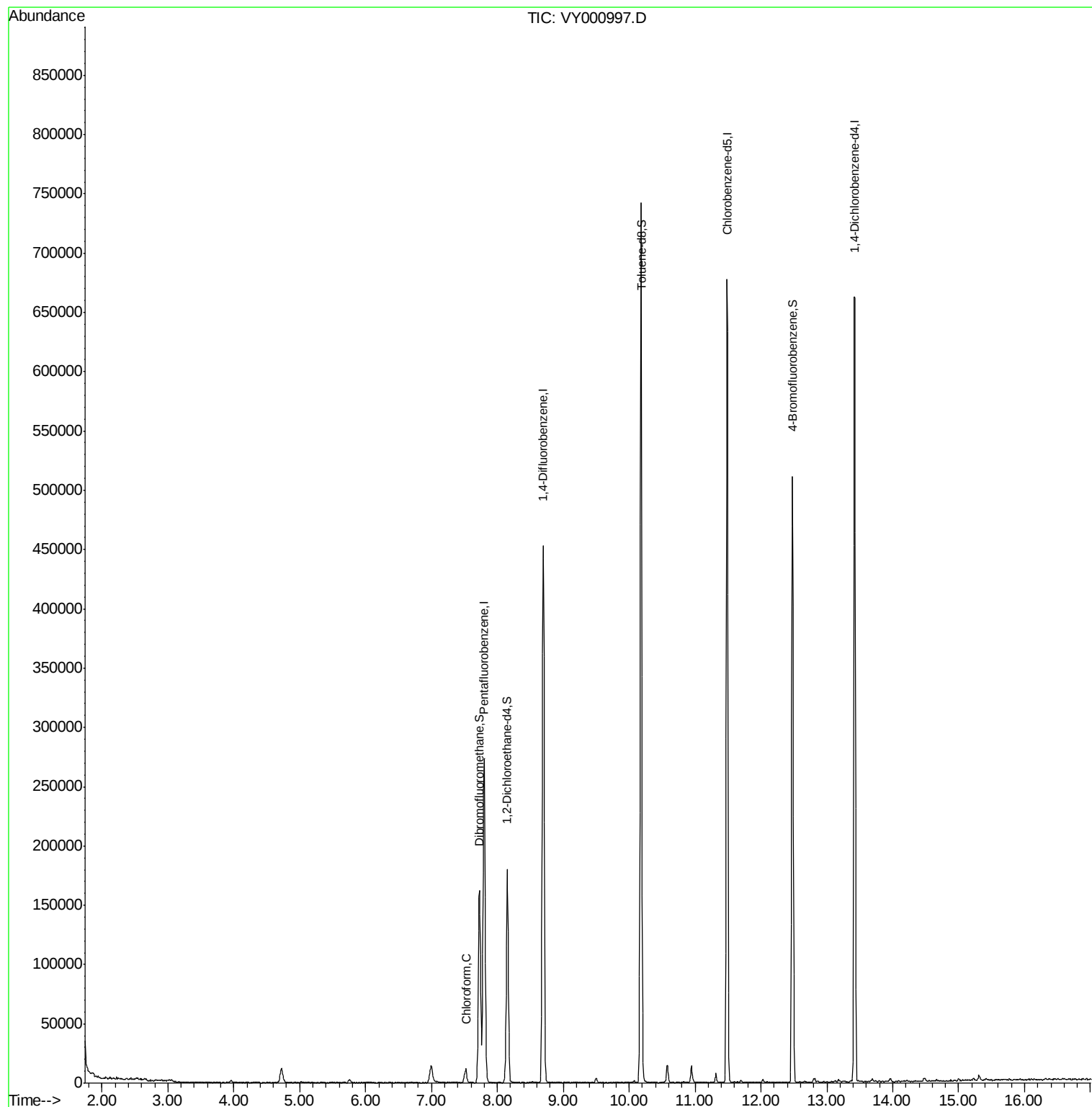
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	216711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	400301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	366259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	125089	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
35) Dibromofluoromethane	7.73	113	118009	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	10.18	98	475921	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.48	95	161496	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
30) Chloroform	7.52	83	10639	2.298	ug/l	Qvalue 94

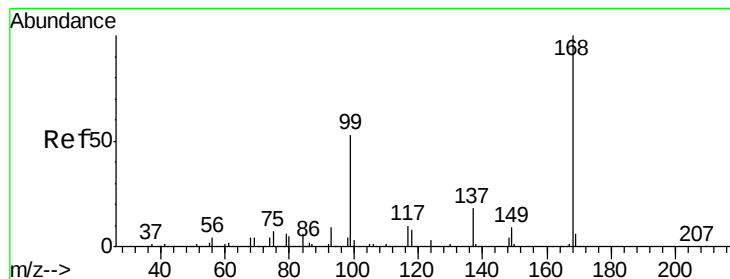
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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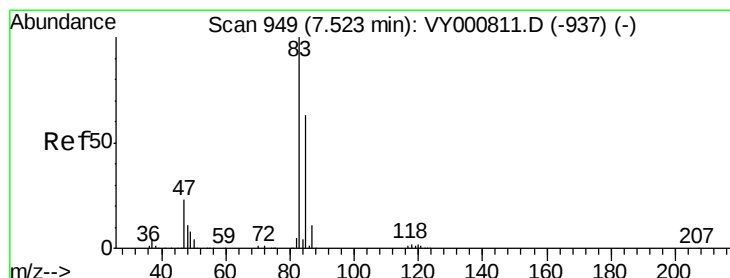
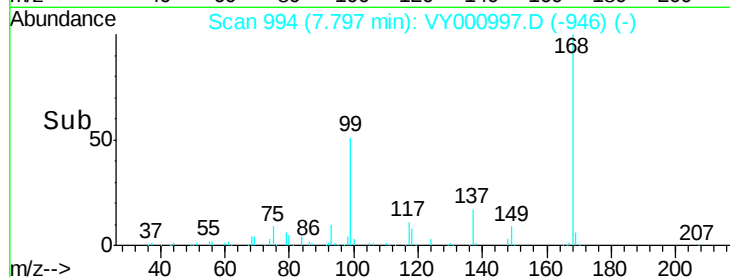
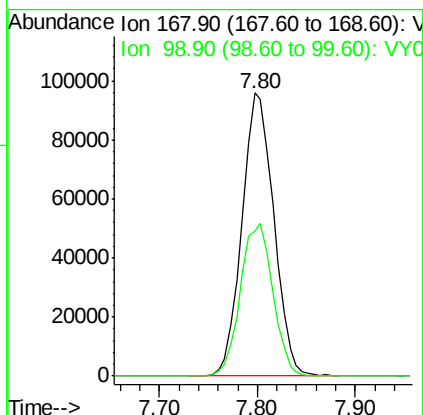
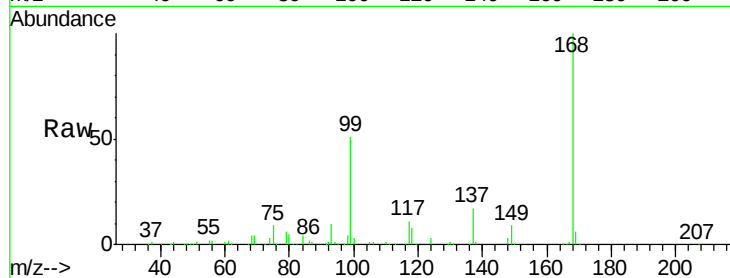




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000997.D
Acq: 18 Dec 2019 14:11

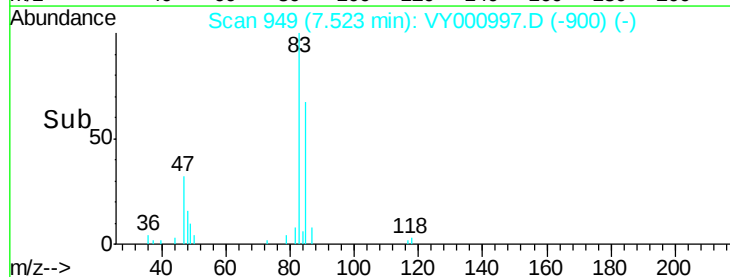
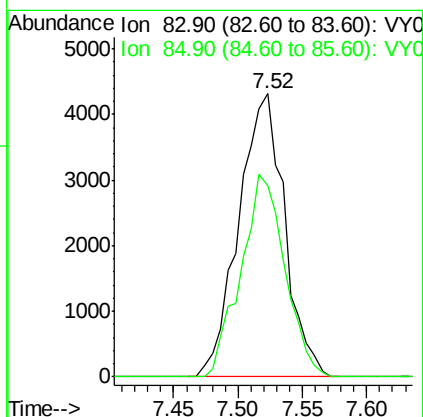
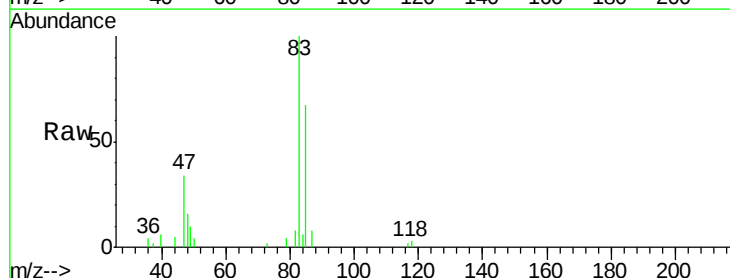
Instrument :
MSVOA_Y
ClientSampled :
PF-M

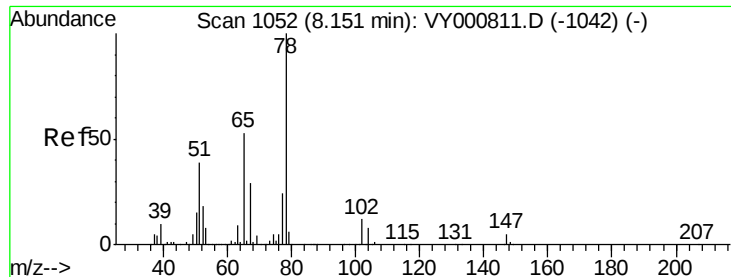
Tot Ion:168 Resp: 216711
Ion Ratio Lower Upper
168 100
99 51.4 45.0 67.6



#30
Chloroform
Concen: 2.298 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000997.D
Acq: 18 Dec 2019 14:11

Tgt Ion: 83 Resp: 10639
Ion Ratio Lower Upper
83 100
85 67.4 50.4 75.6

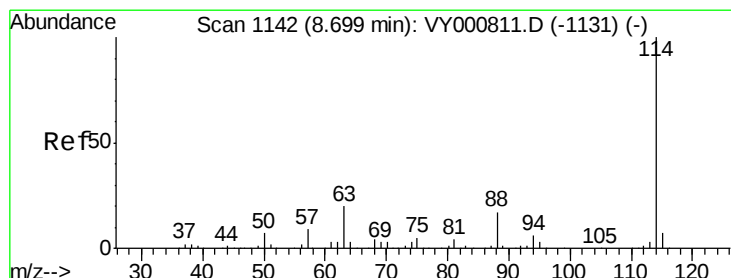
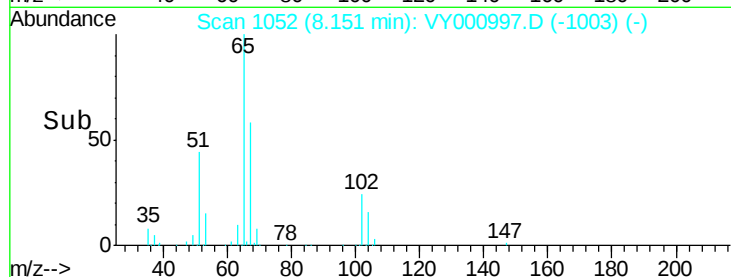
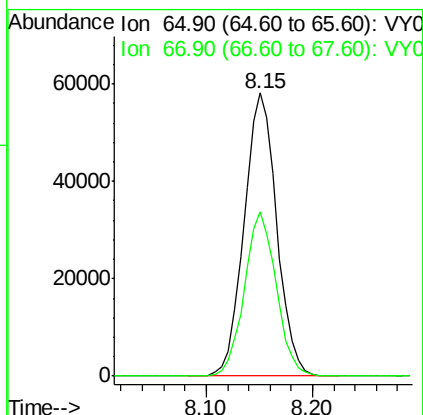
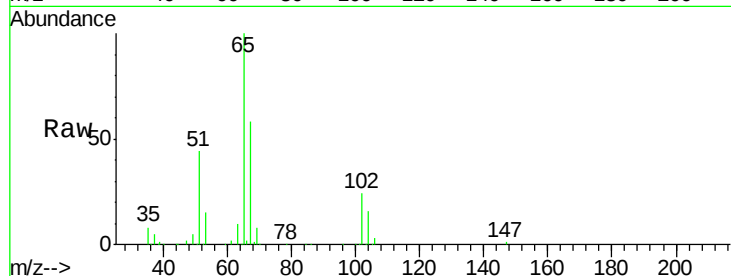




#33
 1,2-Dichloroethane-d4
 Concen: 54.322 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000997.D
 Acq: 18 Dec 2019 14:11

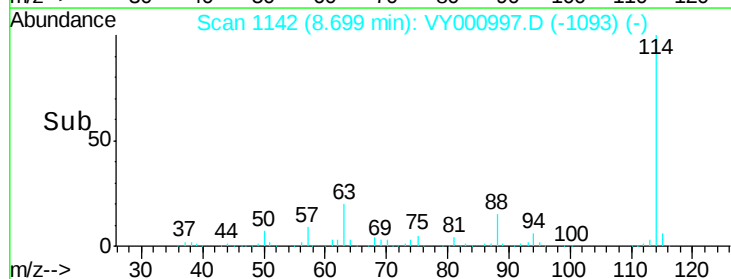
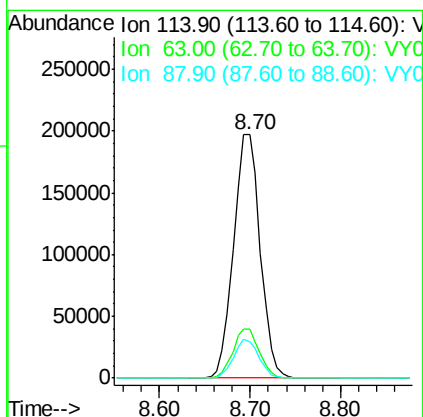
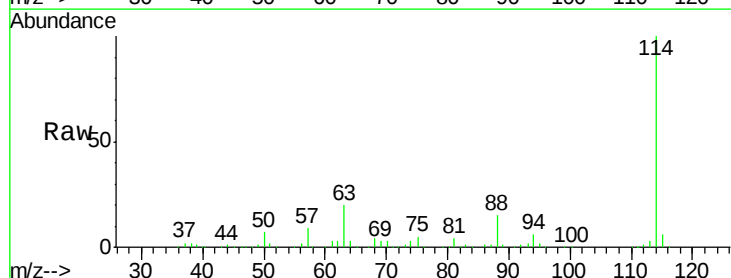
Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-M

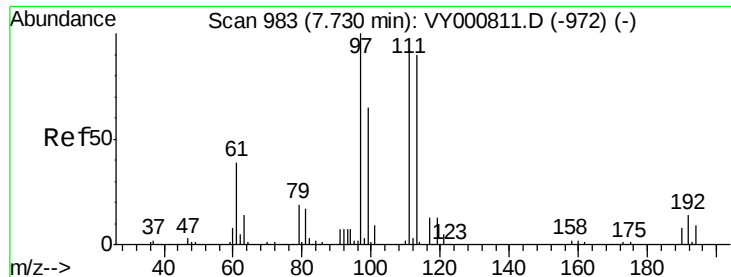
Tot Ion: 65 Resp: 125089
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000997.D
 Acq: 18 Dec 2019 14:11

Tgt Ion: 114 Resp: 400301
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.584 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000997.D

Acq: 18 Dec 2019 14:11

Instrument :

MSVOA_Y

ClientSampleId :

PF-M

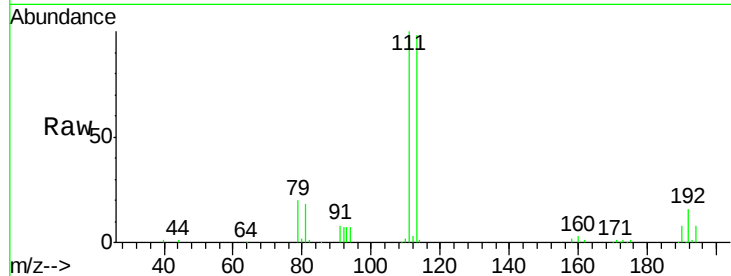
Tot Ion:113 Resp: 118009

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

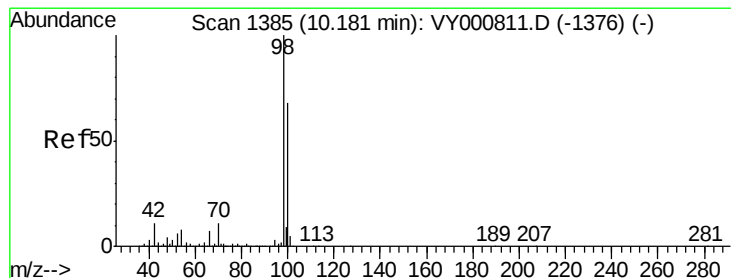
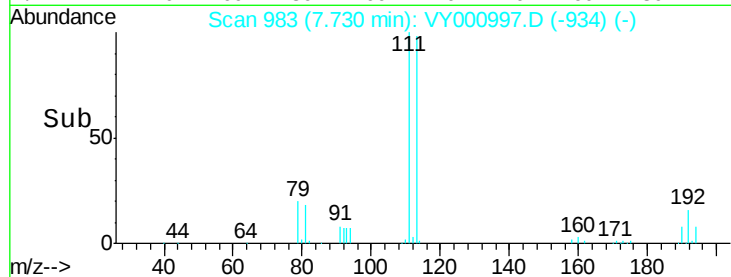
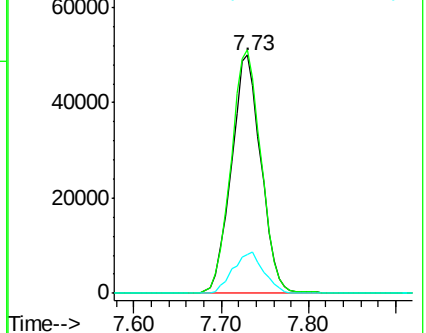
192 18.0 14.2 21.2



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: 51.026 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000997.D

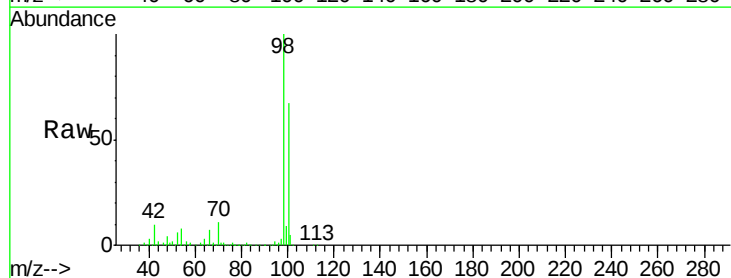
Acq: 18 Dec 2019 14:11

Tgt Ion: 98 Resp: 475921

Ion Ratio Lower Upper

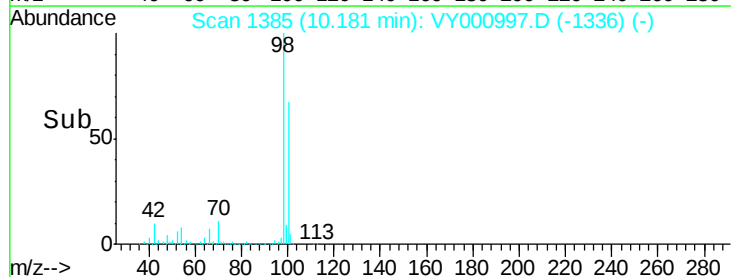
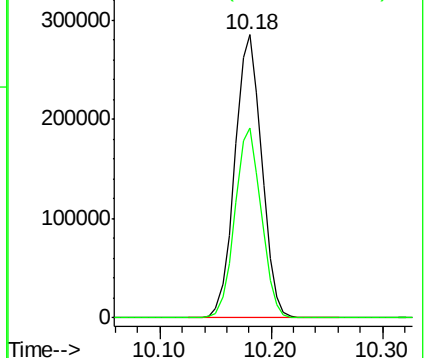
98 100

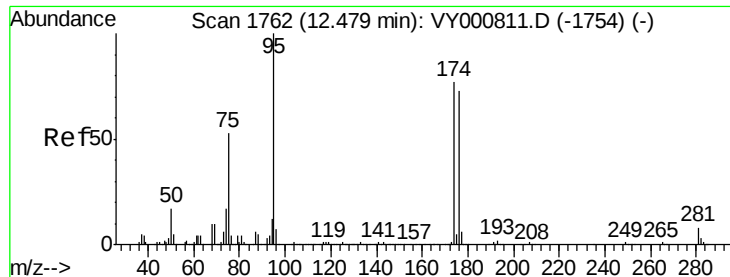
100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

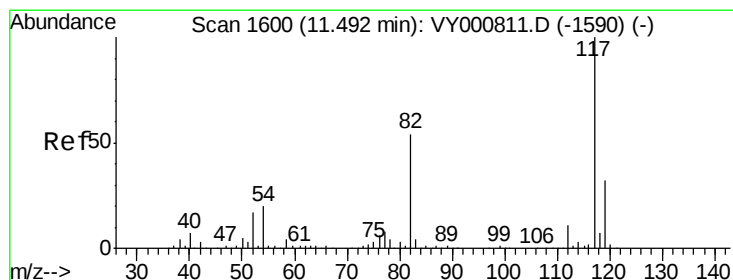
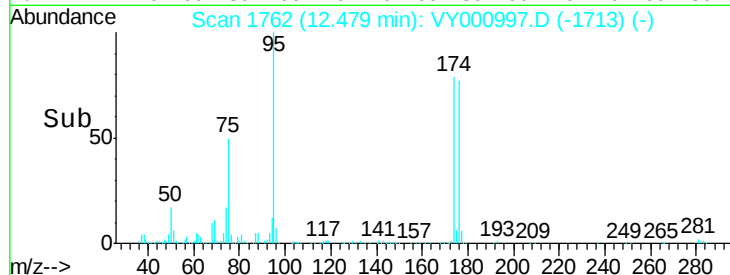
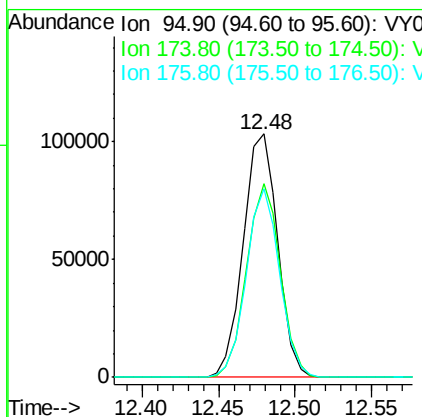
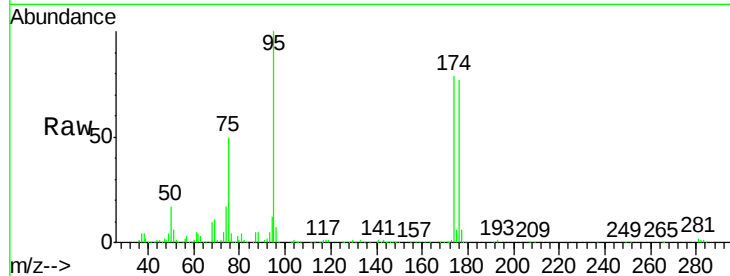




#62
4-Bromofluorobenzene
Concen: 46.105 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000997.D
Acq: 18 Dec 2019 14:11

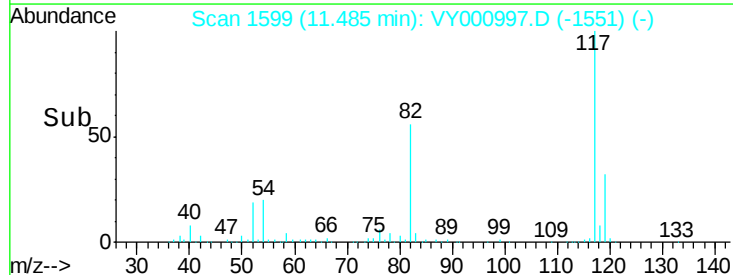
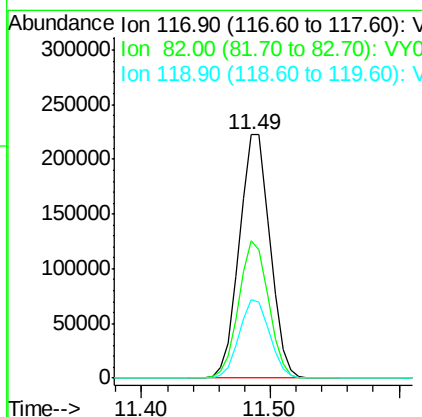
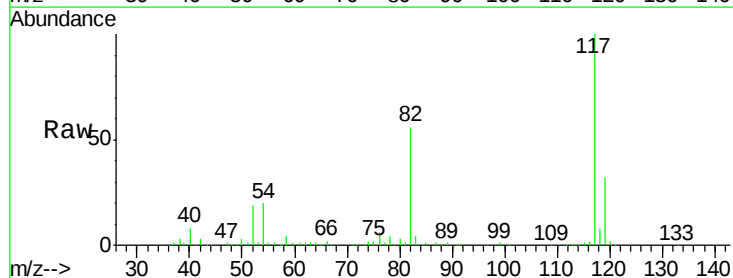
Instrument :
MSVOA_Y
ClientSampled :
PF-M

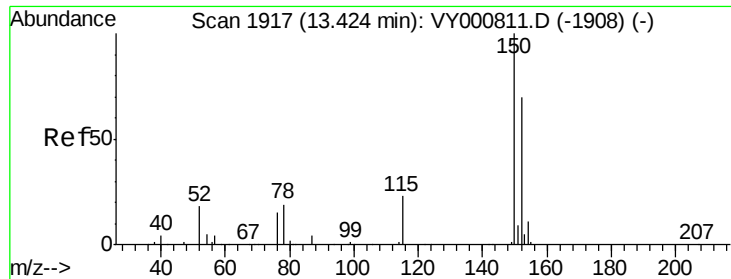
Tot Ion	95	Resp	161496
Ion Ratio	100	Lower	Upper
174	78.2	0.0	150.6
176	74.9	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000997.D
Acq: 18 Dec 2019 14:11

Tgt Ion	117	Resp	366259
Ion Ratio	100	Lower	Upper
82	56.2	43.1	64.7
119	32.2	25.3	37.9



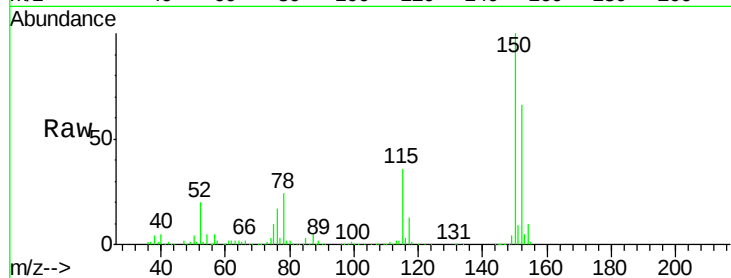


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000997.D
Acq: 18 Dec 2019 14:11

Instrument :
MSVOA_Y
ClientSampleId :
PF-M

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.3	87.8
150	158.4	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

