

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001113.D
 Acq On : 27 Dec 2019 20:52
 Operator : SY/MD
 Sample : K6447-01
 Misc : 7.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR31-48

Quant Time: Dec 28 05:29:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

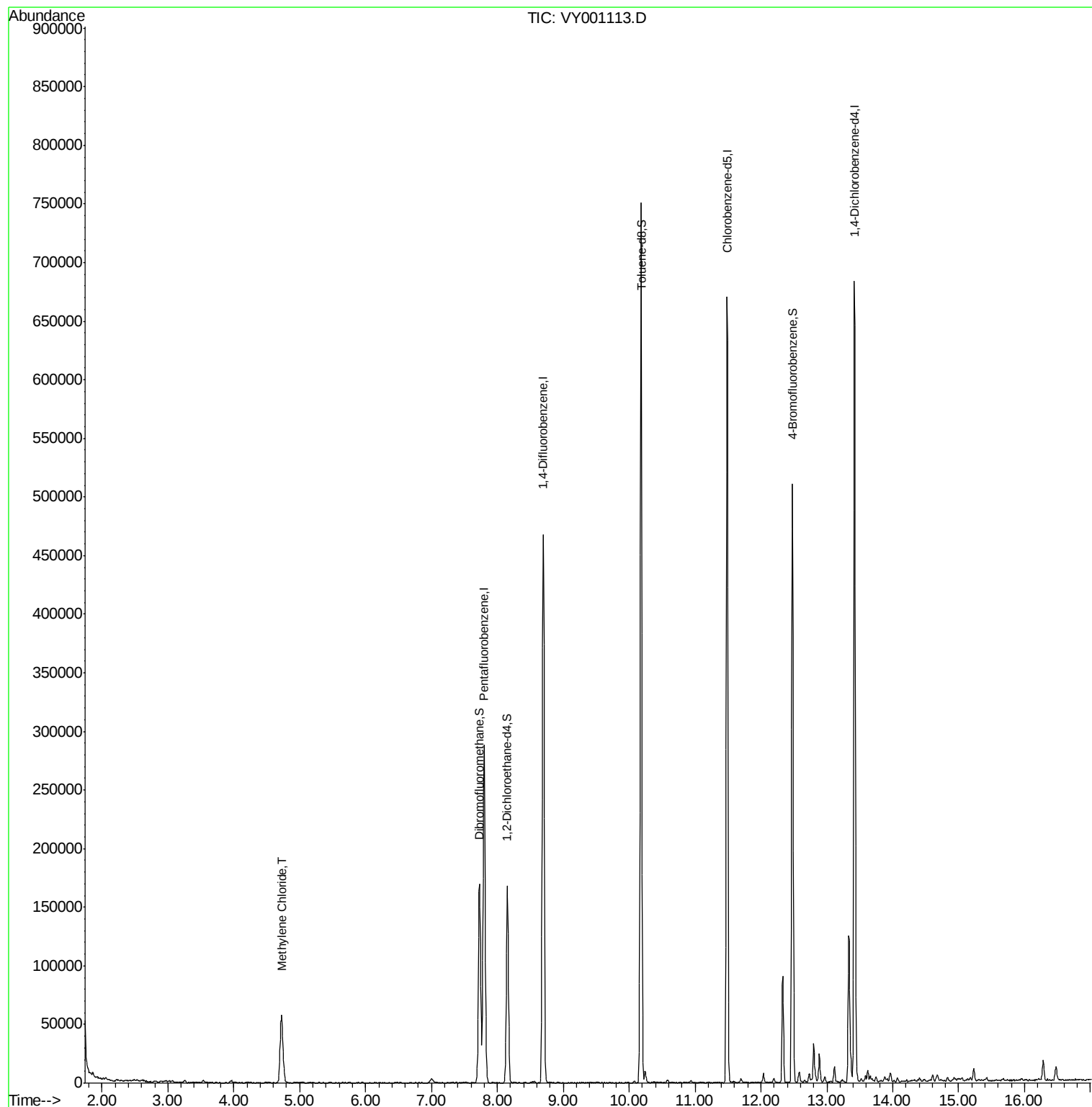
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	226162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	425135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	118804	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	7.72	113	123042	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.18	98	495429	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.48	95	161569	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
Target Compounds						
20) Methylene Chloride	4.72	84	46576	15.399	ug/l	Qvalue 86

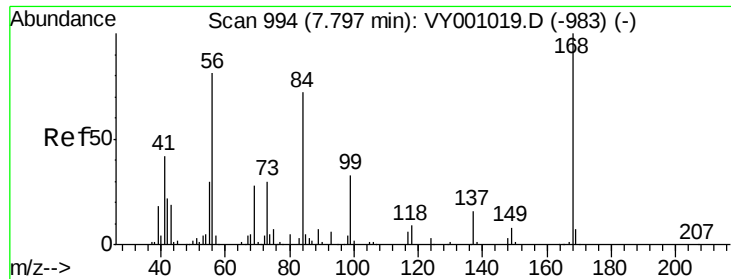
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001113.D

Acq: 27 Dec 2019 20:52

Instrument :

MSVOA_Y

ClientSampled :

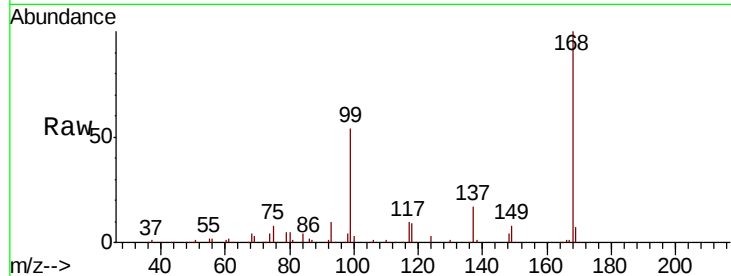
RBR31-48

Tot Ion:168 Resp: 226162

Ion Ratio Lower Upper

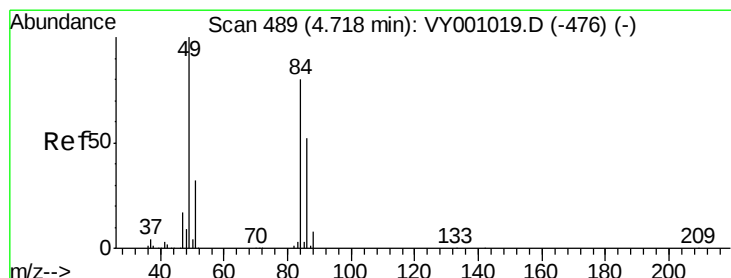
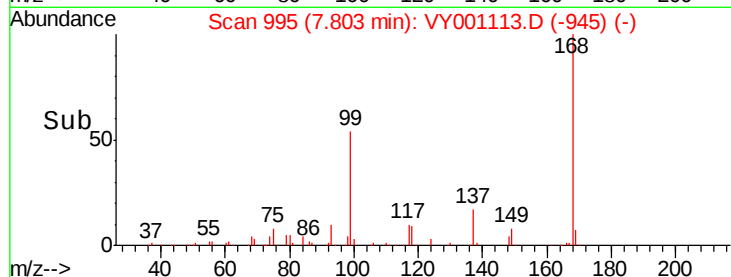
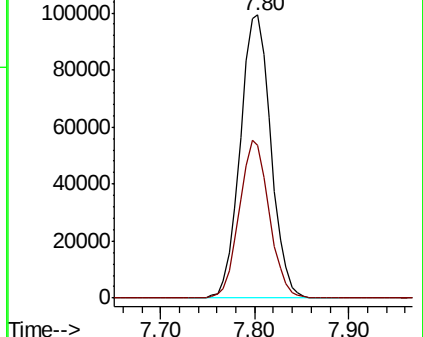
168 100

99 54.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)



#20

Methylene Chloride

Concen: 15.399 ug/l

RT: 4.72 min Scan# 489

Delta R.T. 0.00 min

Lab File: VY001113.D

Acq: 27 Dec 2019 20:52

Tgt Ion: 84 Resp: 46576

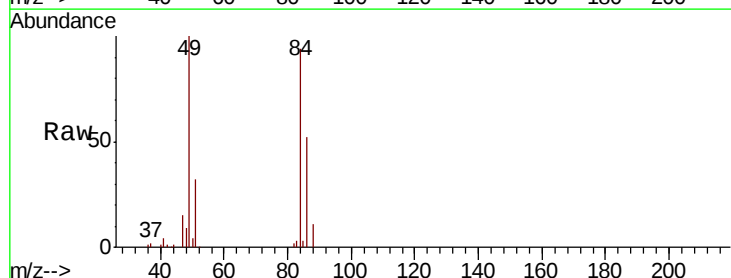
Ion Ratio Lower Upper

84 100

49 106.1 99.8 149.6

51 34.2 31.4 47.2

86 55.0 52.2 78.2

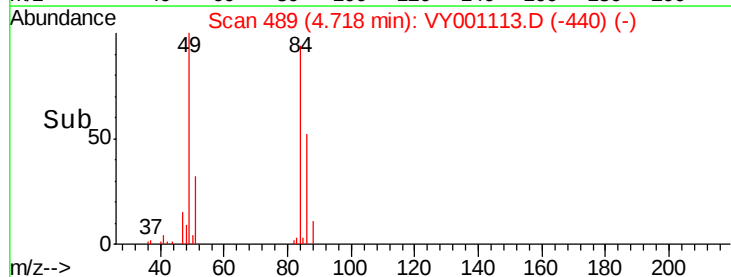
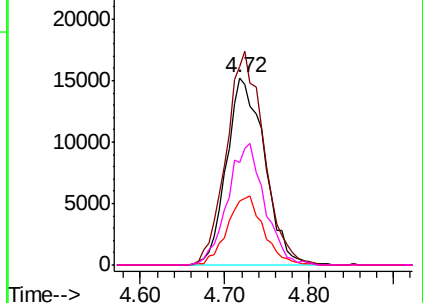


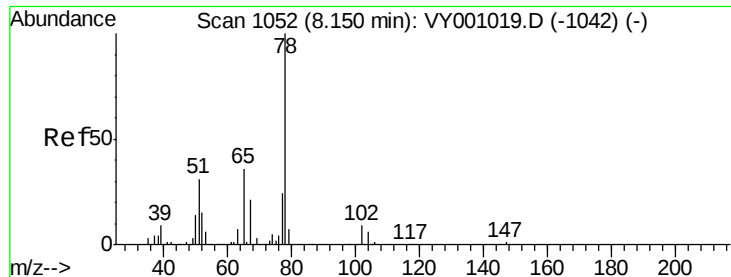
Abundance Ion 83.90 (83.60 to 84.60): VY001019.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY001019.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY001019.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY001019.D (-476) (-)

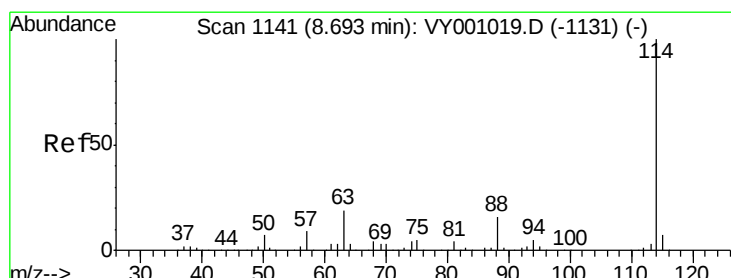
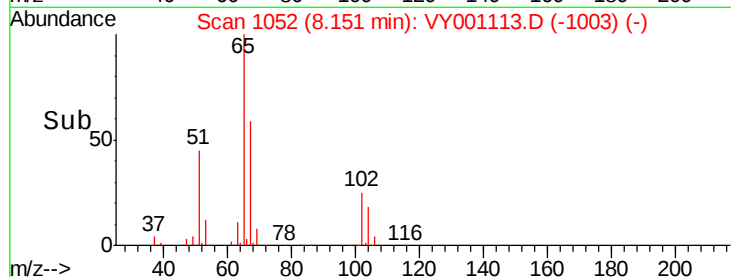
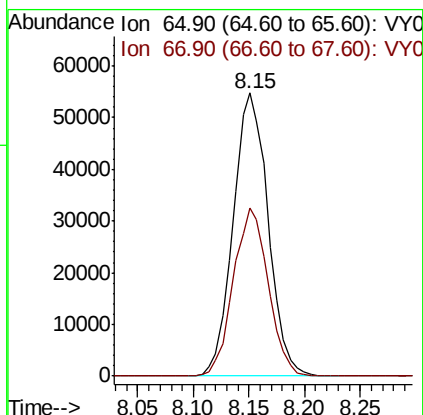
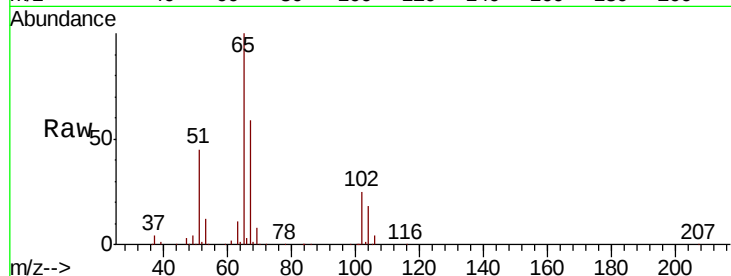




#33
 1,2-Dichloroethane-d4
 Concen: 53.261 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001113.D
 Acq: 27 Dec 2019 20:52

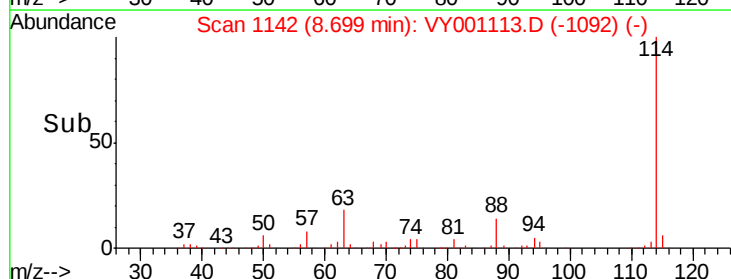
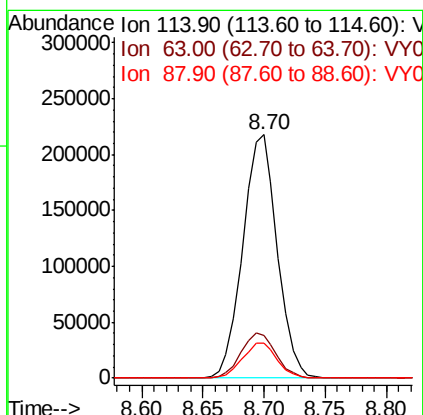
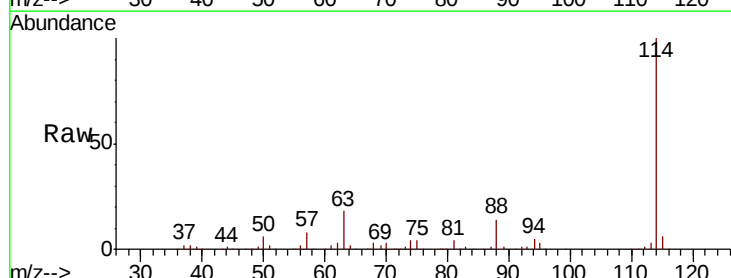
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR31-48

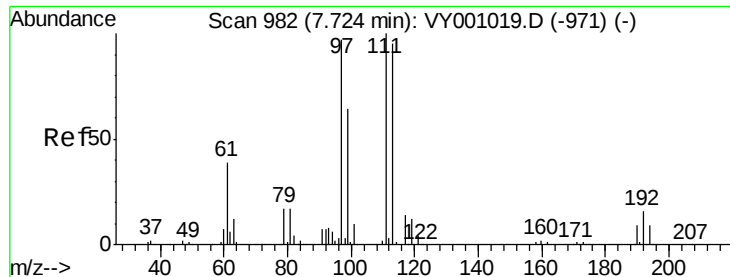
Tot Ion: 65 Resp: 118804
 Ion Ratio Lower Upper
 65 100
 67 59.6 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001113.D
 Acq: 27 Dec 2019 20:52

Tgt Ion: 114 Resp: 425135
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 37.0
 88 14.2 0.0 32.0

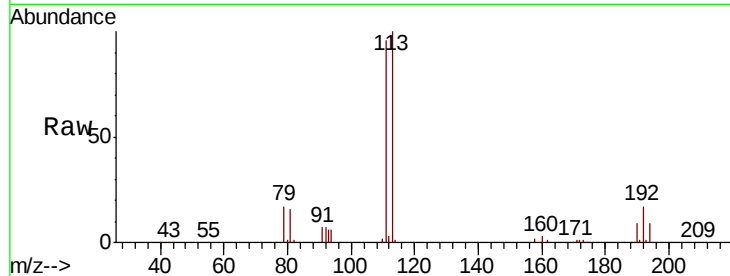




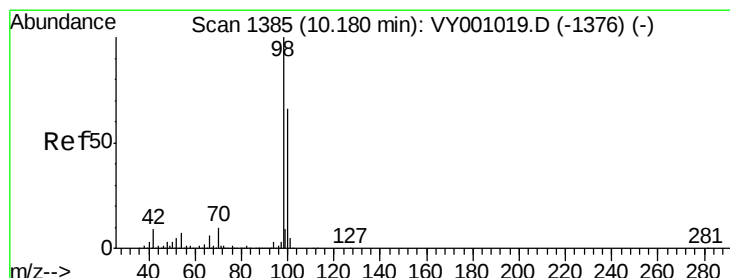
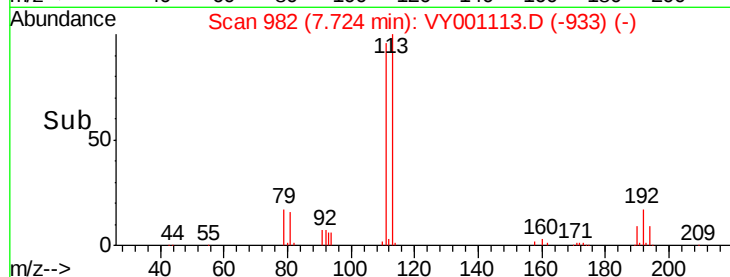
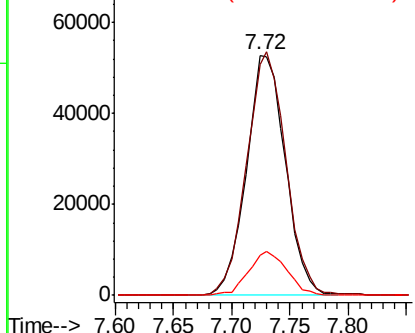
#35
Dibromofluoromethane
Concen: 49.149 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY001113.D
Acq: 27 Dec 2019 20:52

Instrument :
MSVOA_Y
ClientSampleId :
RBR31-48

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.4
192	18.1	14.6	21.8

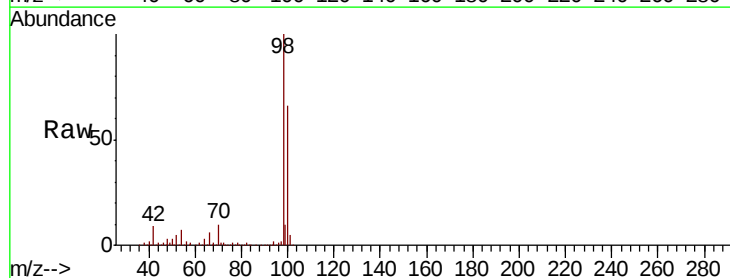


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

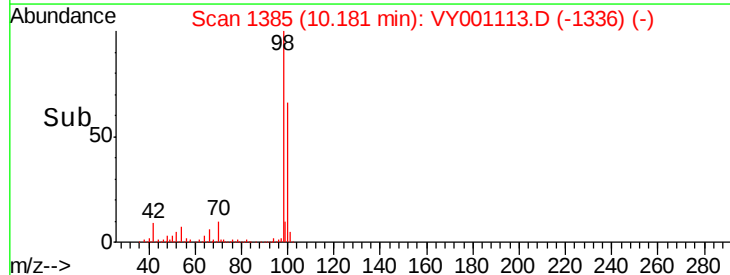
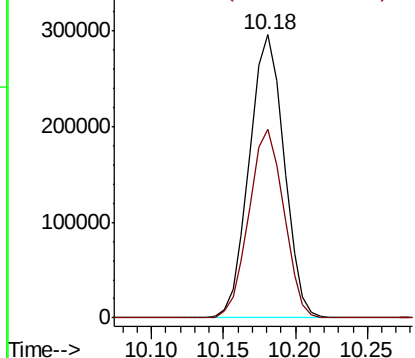


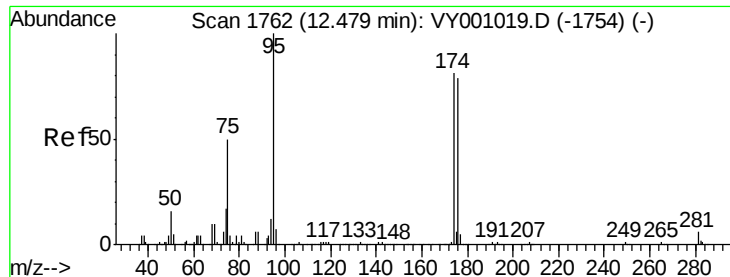
#50
Toluene-d8
Concen: 50.640 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001113.D
Acq: 27 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4



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

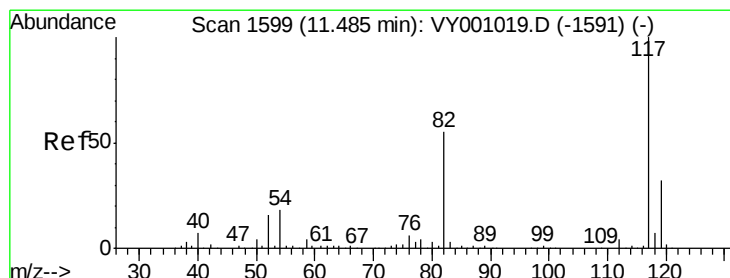
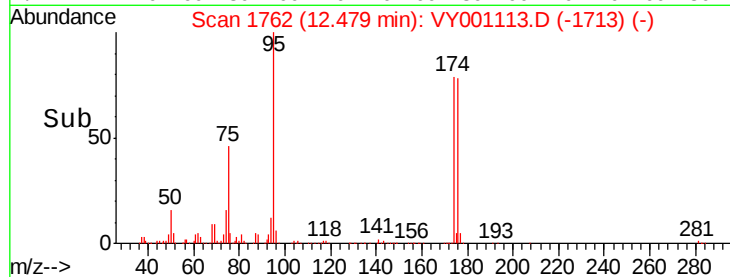
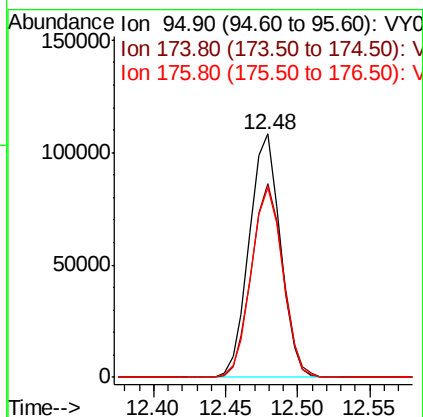
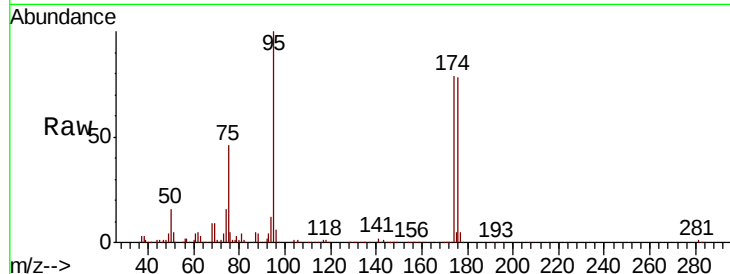




#62
4-Bromofluorobenzene
Concen: 45.169 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001113.D
Acq: 27 Dec 2019 20:52

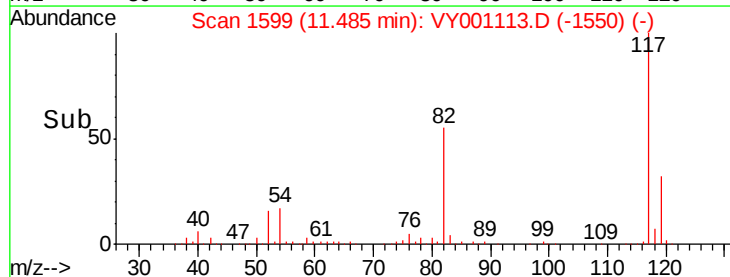
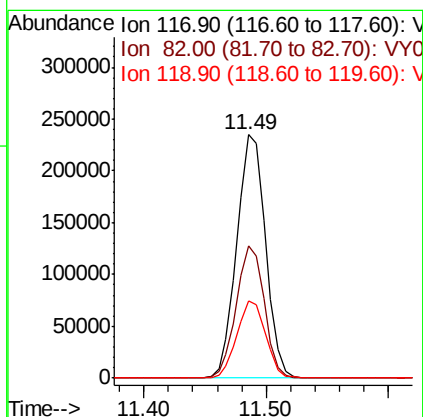
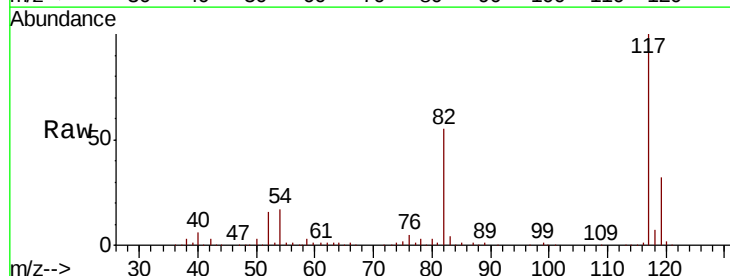
Instrument :
MSVOA_Y
ClientSampled :
RBR31-48

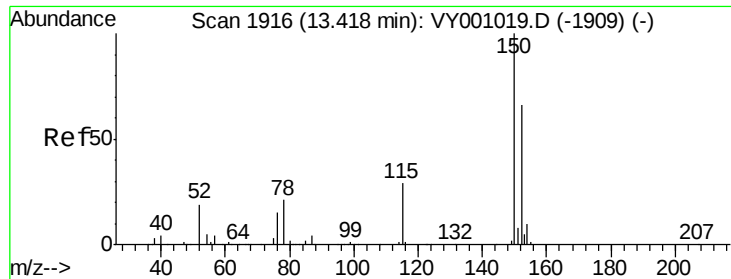
Tot Ion	95	Resp	161569
Ion Ratio	100		
Lower			
Upper			
95	100		
174	80.8	0.0	156.4
176	79.2	0.0	155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001113.D
Acq: 27 Dec 2019 20:52

Tgt Ion	117	Resp	381477
Ion Ratio	100		
Lower			
Upper			
117	100		
82	54.6	43.8	65.8
119	31.9	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VY001113.D

Acq: 27 Dec 2019 20:52

Instrument :

MSVOA_Y

ClientSampleId :

RBR31-48

Tot Ion:152 Resp: 172253

Ion Ratio Lower Upper

152 100

115 59.3 29.8 89.3

150 158.5 0.0 352.6

