

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002187.D
 Acq On : 02 Apr 2020 13:24
 Operator : SY/MD
 Sample : L2125-02RE
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-1ARE

Quant Time: Apr 03 03:54:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

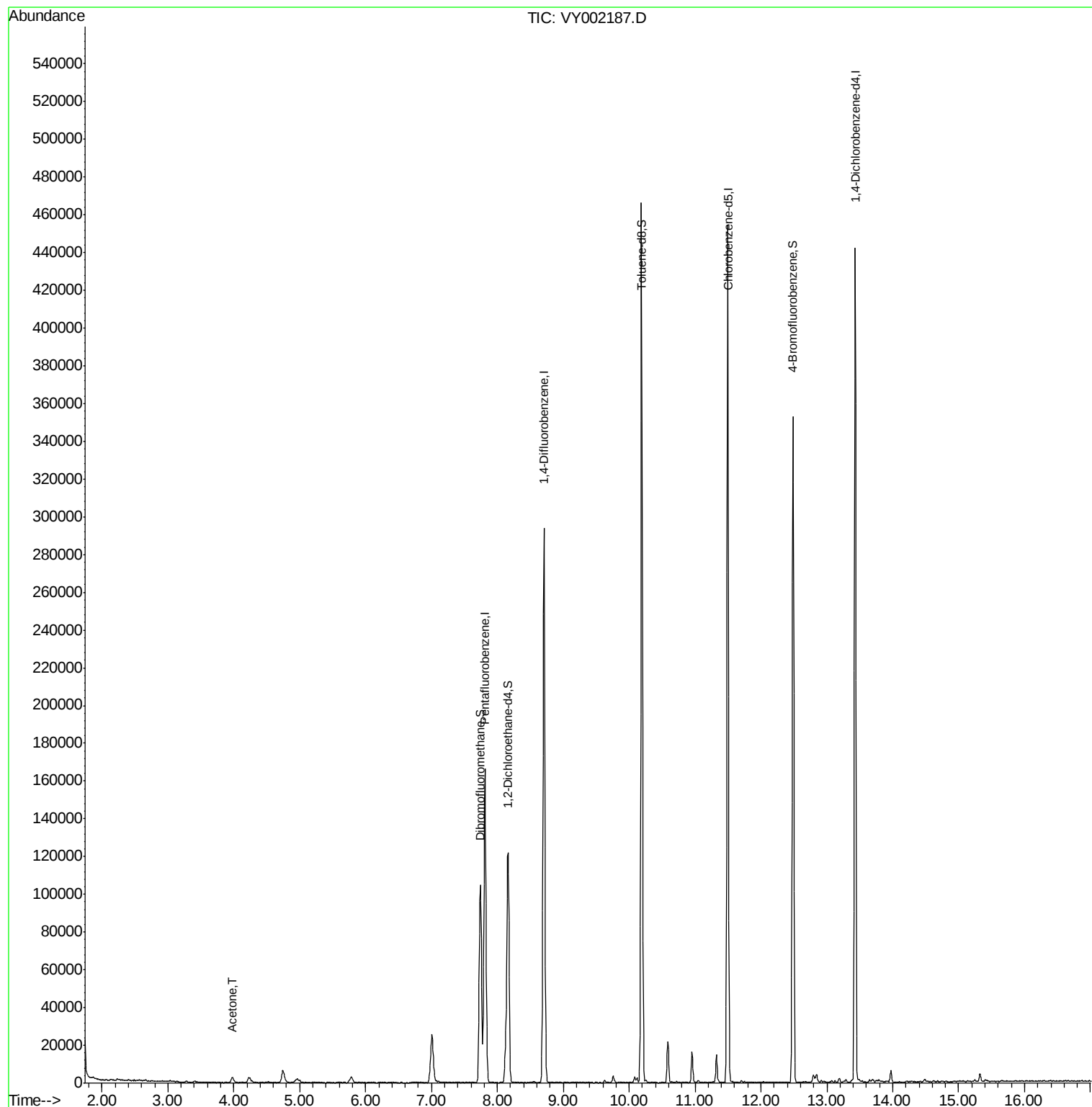
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	125126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	248150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	238454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	103900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86852	62.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.58%	
35) Dibromofluoromethane	7.74	113	75068	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
50) Toluene-d8	10.19	98	306390	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.49	95	108815	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
Target Compounds						
16) Acetone	3.98	43	5005	12.879	ug/l	Qvalue 92

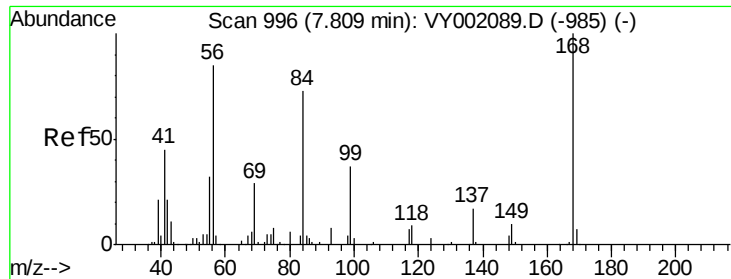
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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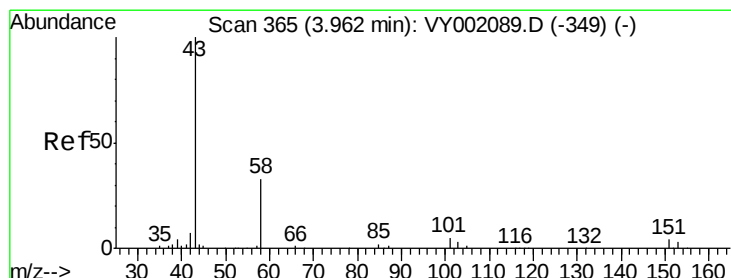
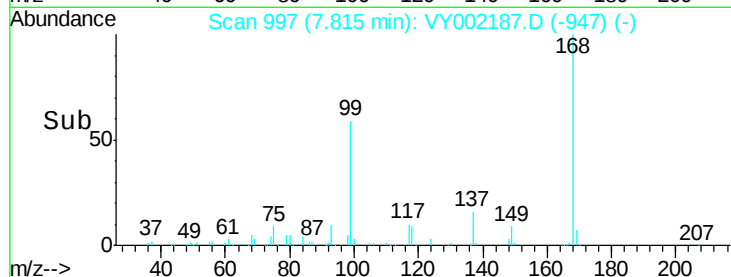
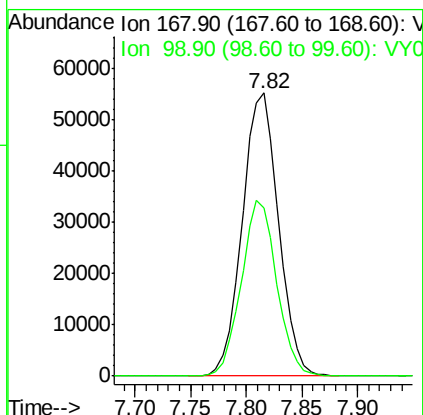
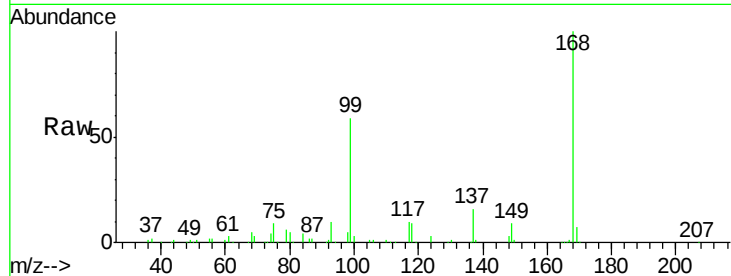




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002187.D
Acq: 02 Apr 2020 13:24

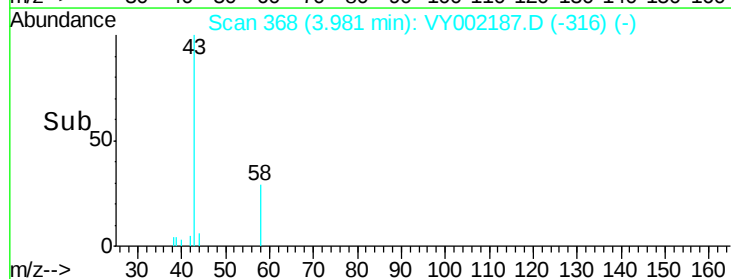
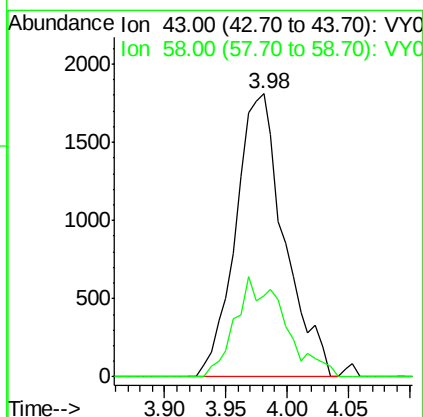
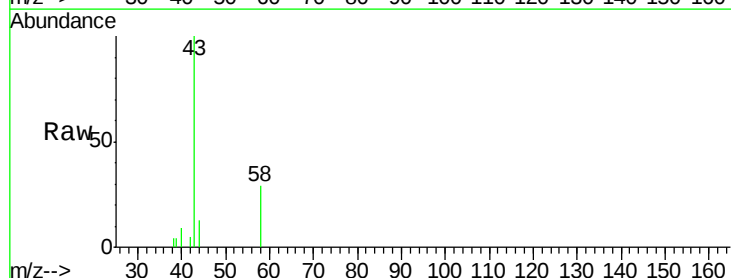
Instrument :
MSVOA_Y
ClientSampleId :
A-1ARE

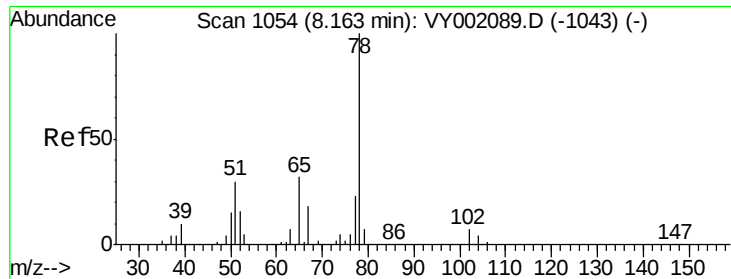
Tot Ion:168 Resp: 125126
Ion Ratio Lower Upper
168 100
99 59.5 47.6 71.4



#16
Acetone
Concen: 12.879 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002187.D
Acq: 02 Apr 2020 13:24

Tgt Ion: 43 Resp: 5005
Ion Ratio Lower Upper
43 100
58 28.6 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 62.789 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002187.D

Acq: 02 Apr 2020 13:24

Instrument :

MSVOA_Y

ClientSampleId :

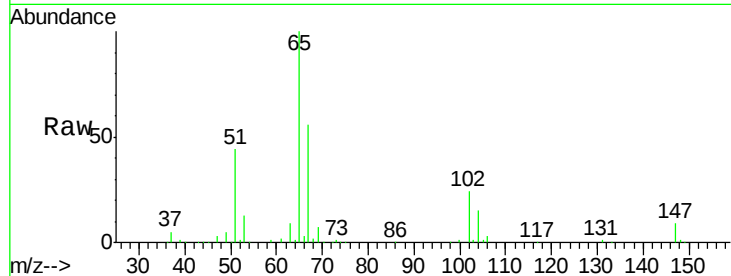
A-1ARE

Tot Ion: 65 Resp: 86852

Ion Ratio Lower Upper

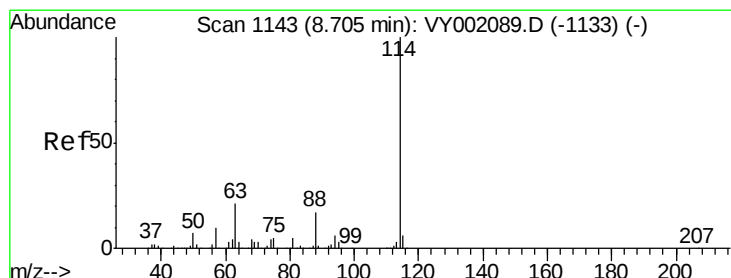
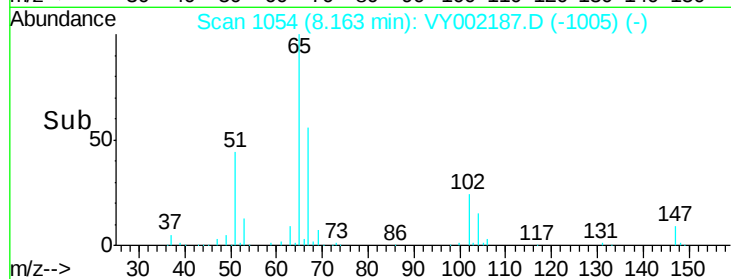
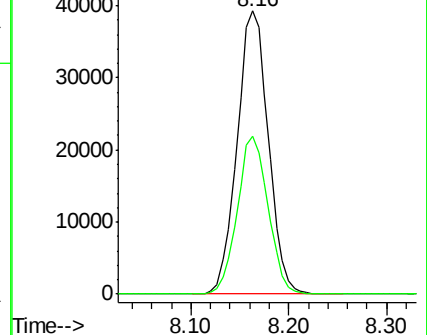
65 100

67 55.1 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002187.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002187.D (-1043) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002187.D

Acq: 02 Apr 2020 13:24

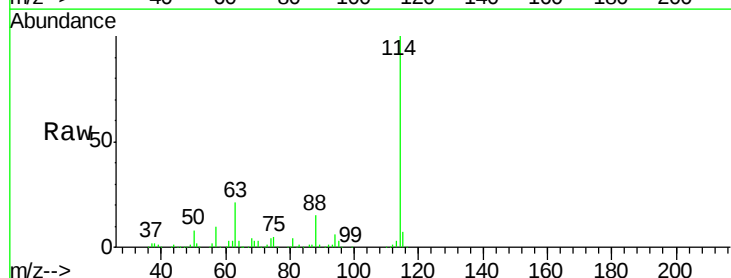
Tgt Ion: 114 Resp: 248150

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

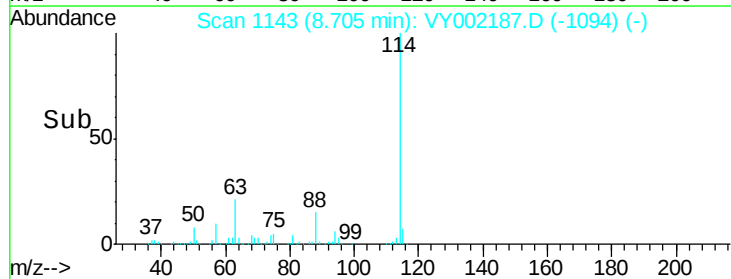
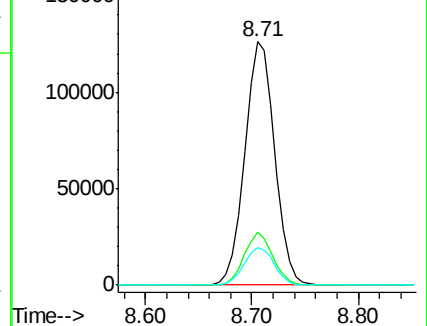
88 15.3 0.0 33.0

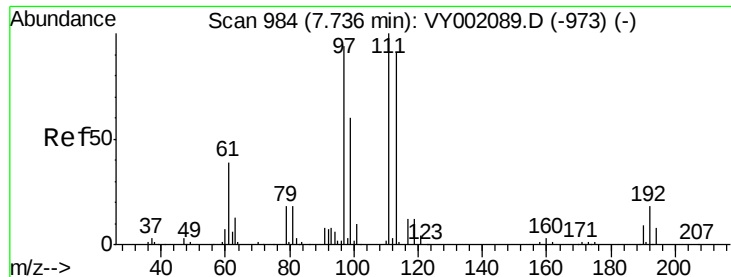


Abundance Ion 113.90 (113.60 to 114.60): VY002187.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY002187.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY002187.D (-1094) (-)

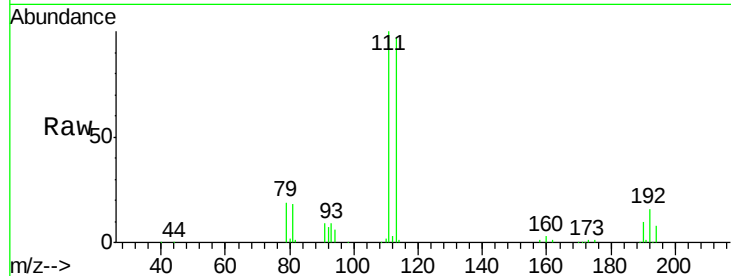




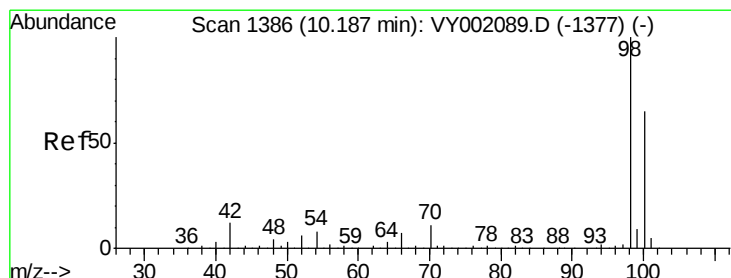
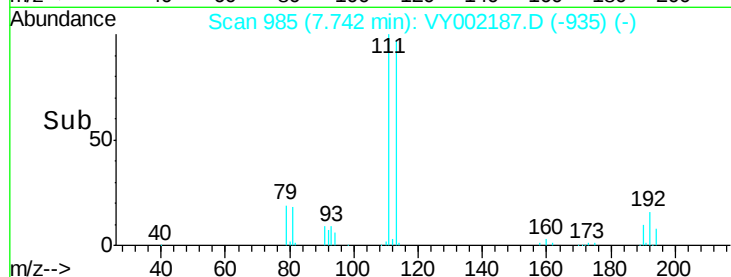
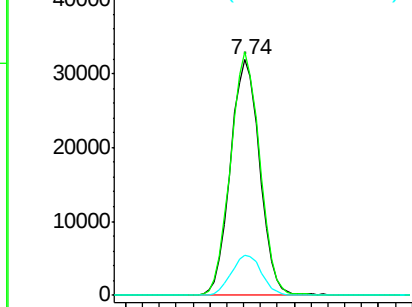
#35
 Dibromofluoromethane
 Concen: 53.989 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002187.D
 Acq: 02 Apr 2020 13:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-1ARE

Tot Ion:113 Resp: 75068
 Ion Ratio Lower Upper
 113 100
 111 102.9 84.4 126.6
 192 17.7 14.6 21.8

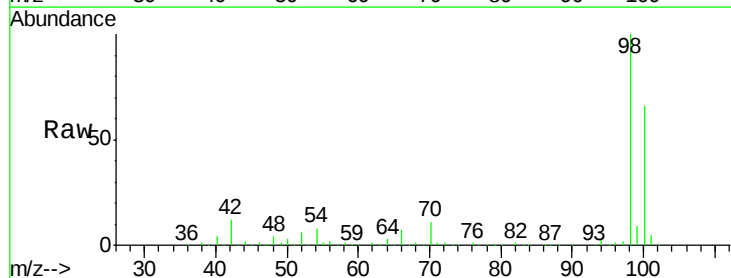


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

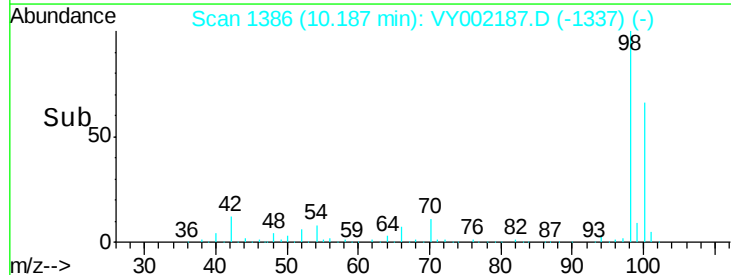
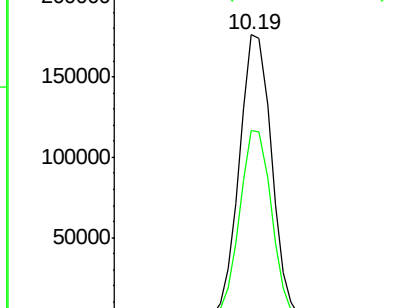


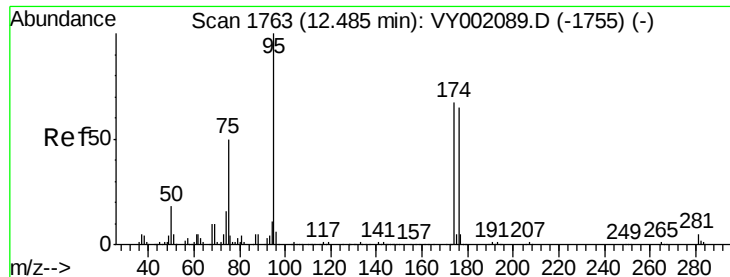
#50
 Toluene-d8
 Concen: 53.044 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: VY002187.D
 Acq: 02 Apr 2020 13:24

Tgt Ion: 98 Resp: 306390
 Ion Ratio Lower Upper
 98 100
 100 65.7 51.6 77.4



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

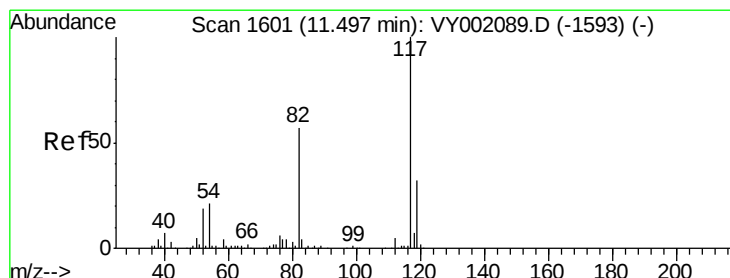
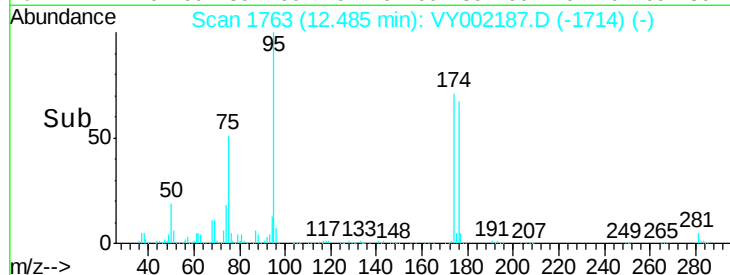
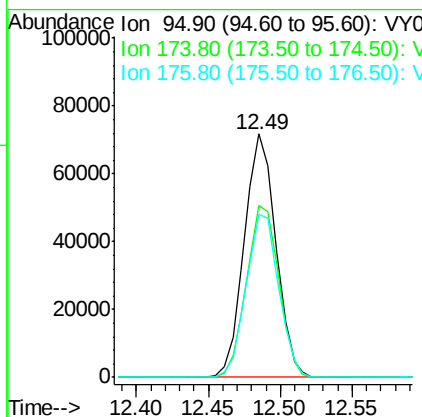
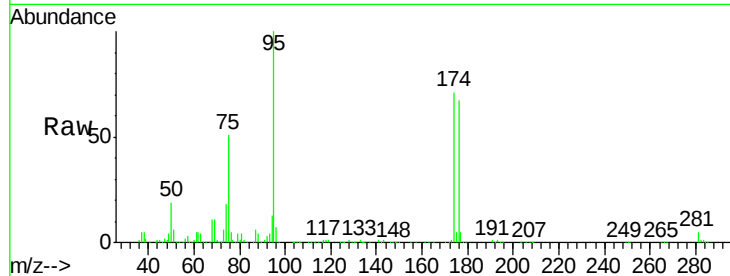




#62
4-Bromofluorobenzene
Concen: 53.866 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002187.D
Acq: 02 Apr 2020 13:24

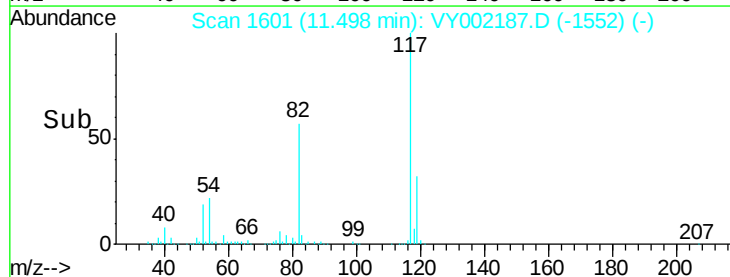
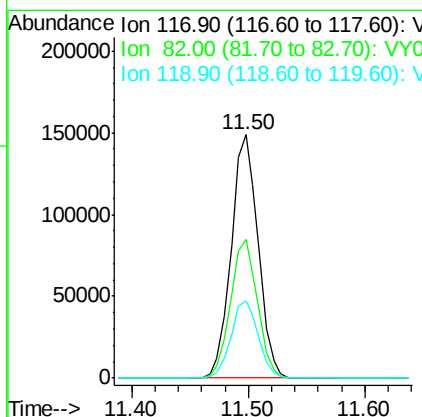
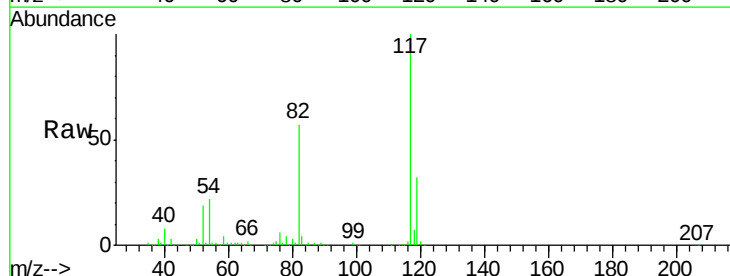
Instrument :
MSVOA_Y
ClientSampleId :
A-1ARE

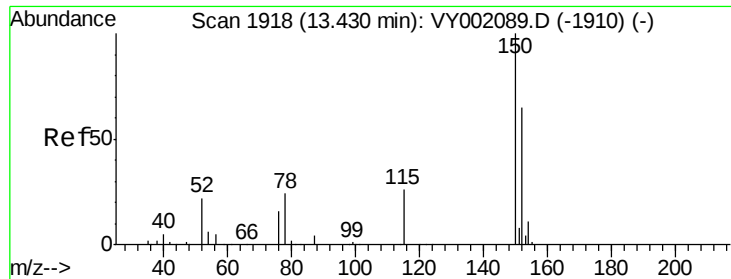
Tot Ion	95	Resp	108815
Ion Ratio	Lower	Upper	
95	100		
174	72.6	0.0	143.4
176	69.1	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002187.D
Acq: 02 Apr 2020 13:24

Tgt Ion	117	Resp	238454
Ion Ratio	Lower	Upper	
117	100		
82	57.1	45.4	68.2
119	31.6	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002187.D

Acq: 02 Apr 2020 13:24

Instrument :

MSVOA_Y

ClientSampleId :

A-1ARE

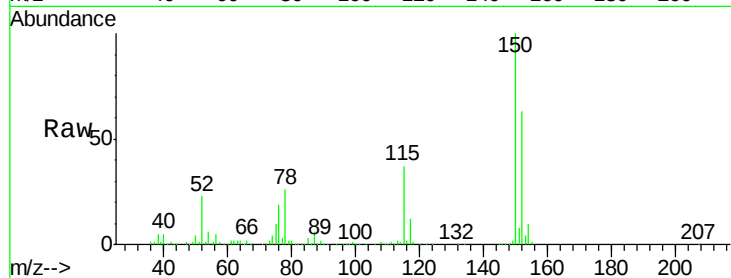
Tot Ion:152 Resp: 103900

Ion Ratio Lower Upper

152 100

115 61.5 31.2 93.6

150 159.9 0.0 354.8



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

