

Data File : VY002545.D
Acq On : 04 May 2020 16:47
Operator : SY/MD
Sample : L2468-01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-778-780

Quant Time: May 09 05:28:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

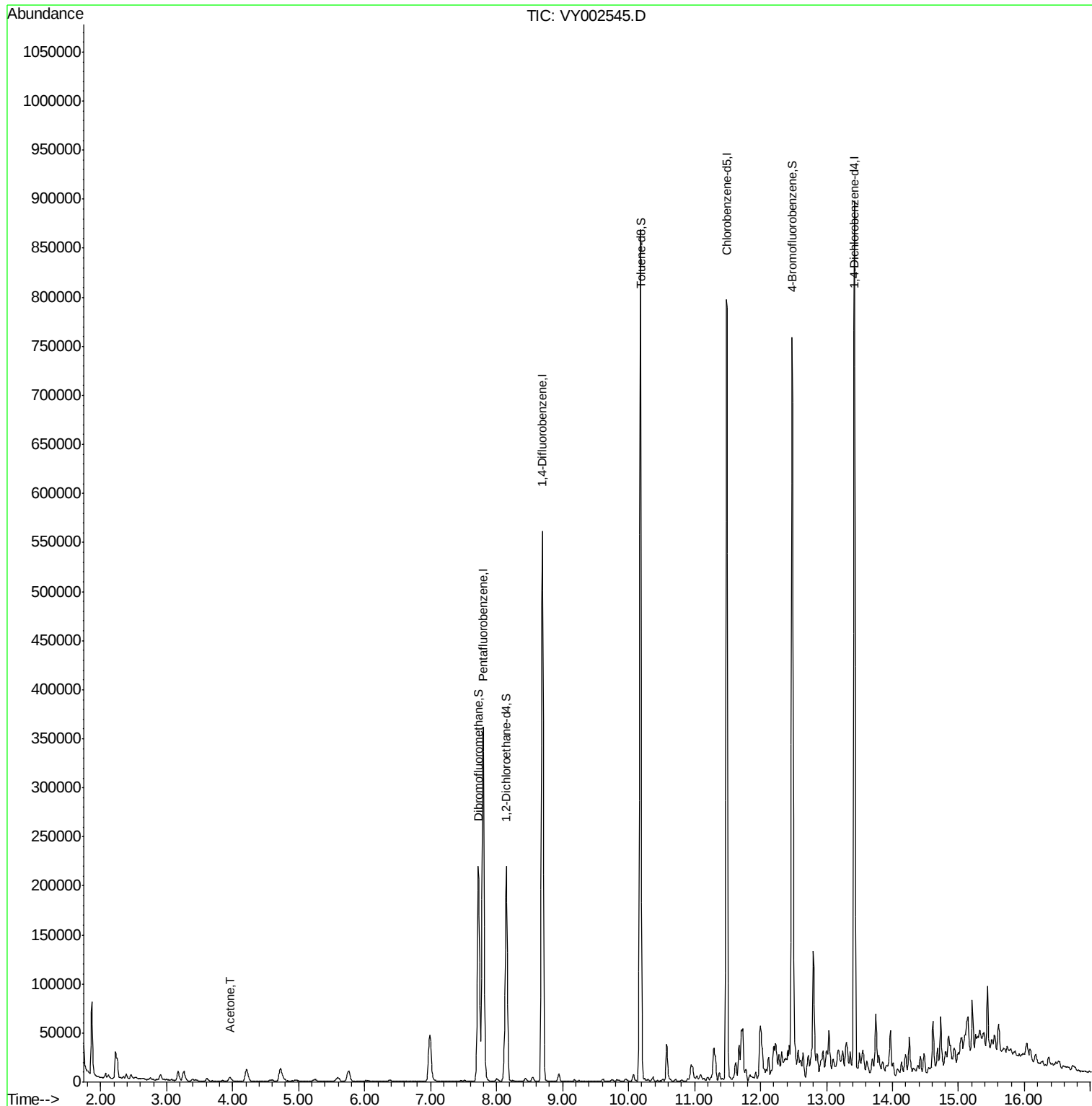
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	304726	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	496229	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	459186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	234199	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	166107	64.83	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	129.66%	
35) Dibromofluoromethane	7.72	113	155788	54.89	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.78%	
50) Toluene-d8	10.18	98	581809	52.50	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.48	95	202517	53.85	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.70%	
Target Compounds						
16) Acetone	3.96	43	7548	14.274	ug/l	Qvalue 93

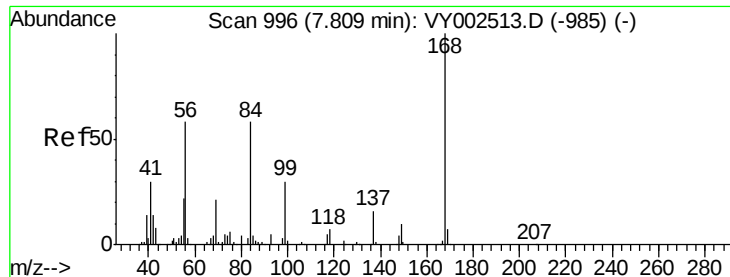
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

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MSVOA_Y

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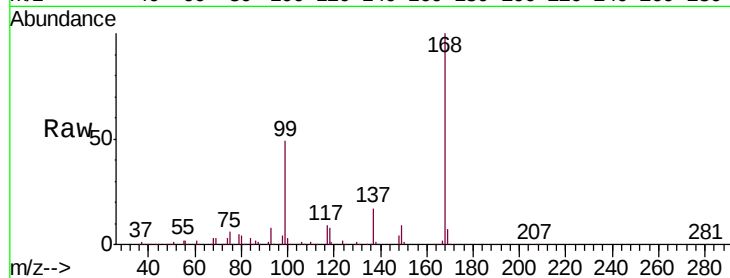
BP-VPB180-GW-778-780

Tgt Ion:168 Resp: 304726

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

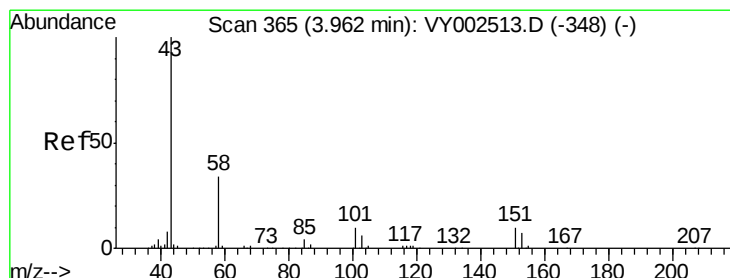
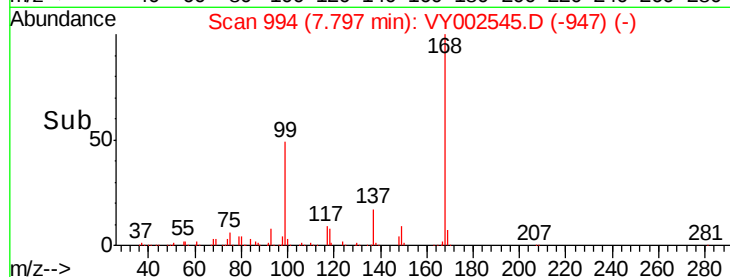
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.274 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002545.D

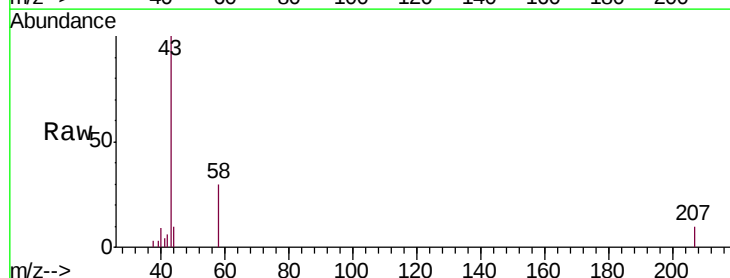
Acq: 04 May 2020 16:47

Tgt Ion: 43 Resp: 7548

Ion Ratio Lower Upper

43 100

58 29.6 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.96

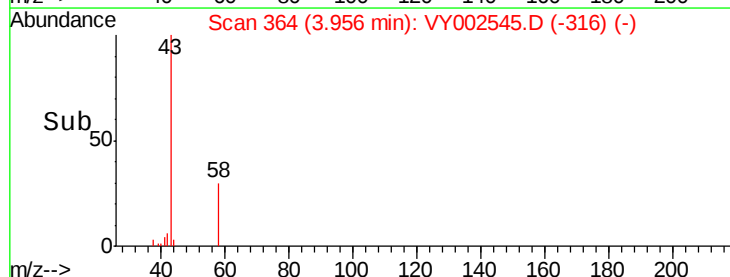
3000

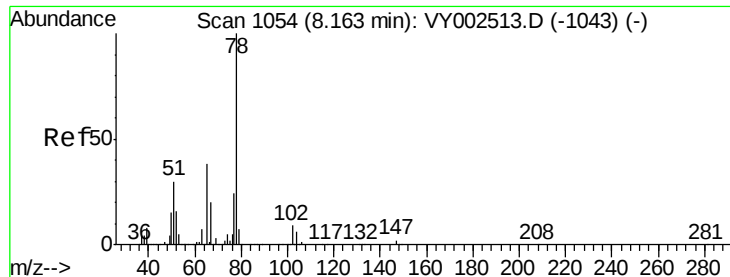
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1000

0

Time-->

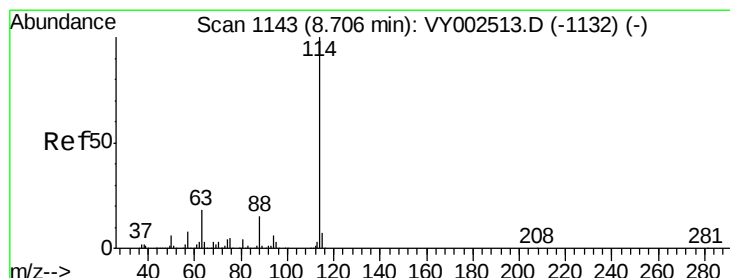
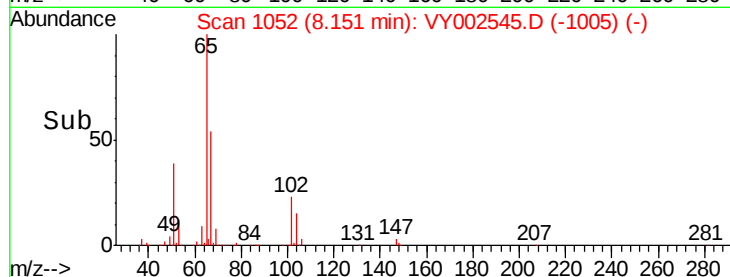
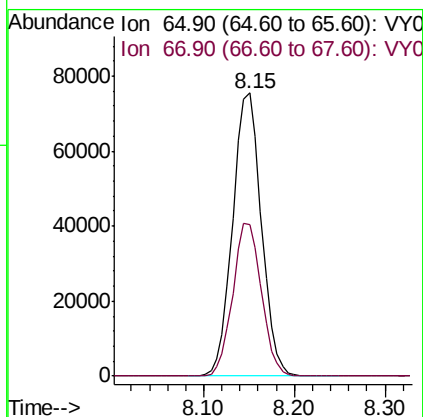
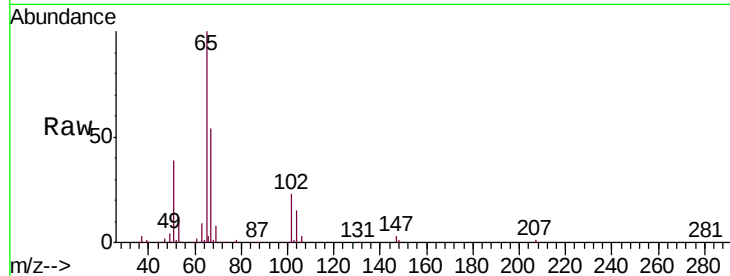




#33
 1,2-Dichloroethane-d4
 Concen: 64.830 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002545.D
 Acq: 04 May 2020 16:47

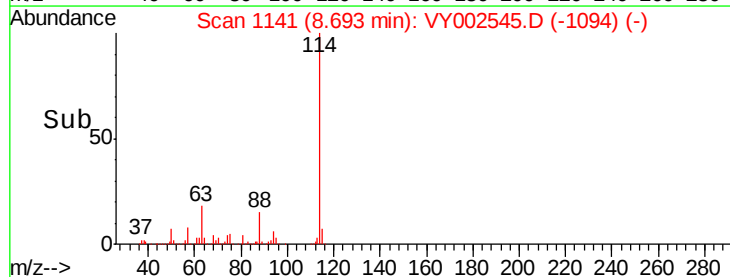
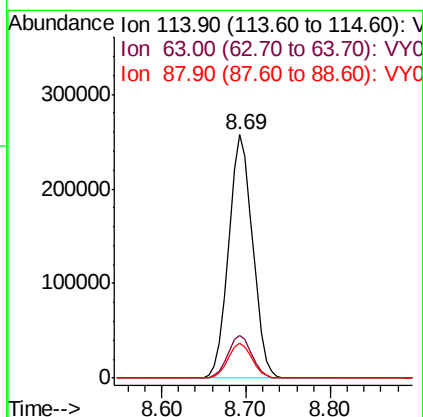
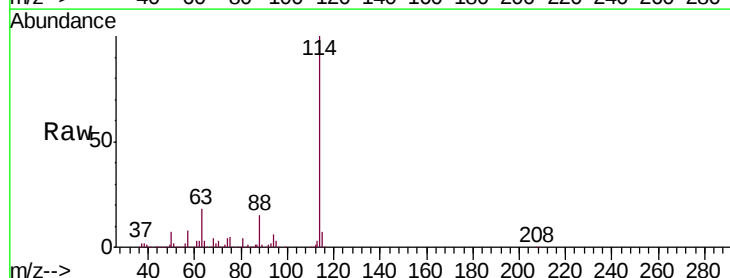
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB180-GW-778-780

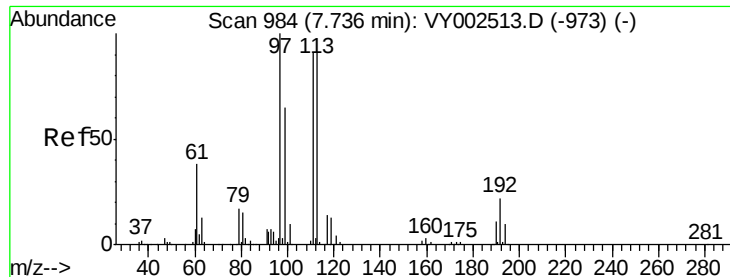
Tgt Ion: 65 Resp: 166107
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002545.D
 Acq: 04 May 2020 16:47

Tgt Ion: 114 Resp: 496229
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.4
 88 14.6 0.0 29.6

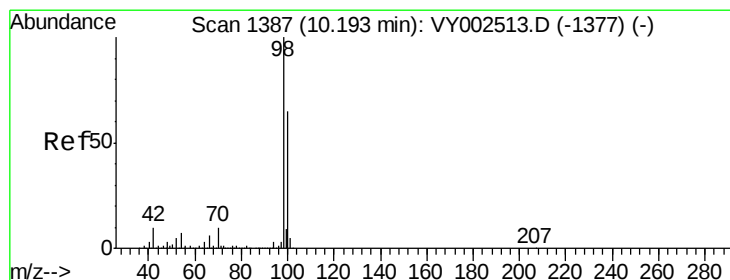
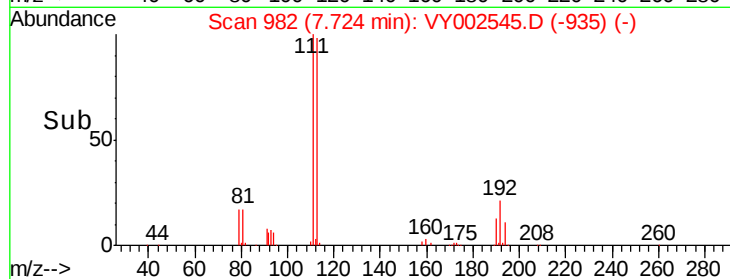
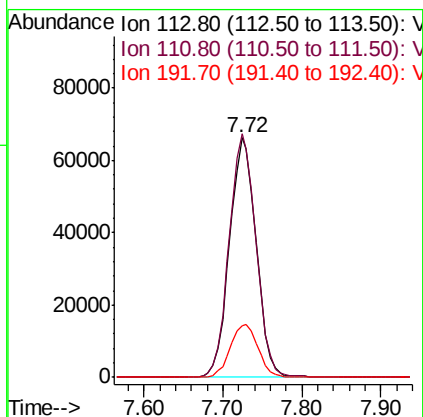
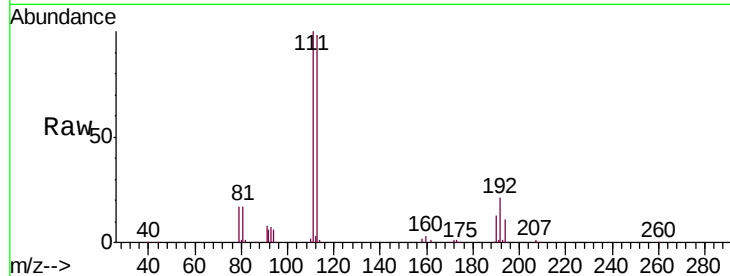




#35
 Dibromofluoromethane
 Concen: 54.895 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002545.D
 Acq: 04 May 2020 16:47

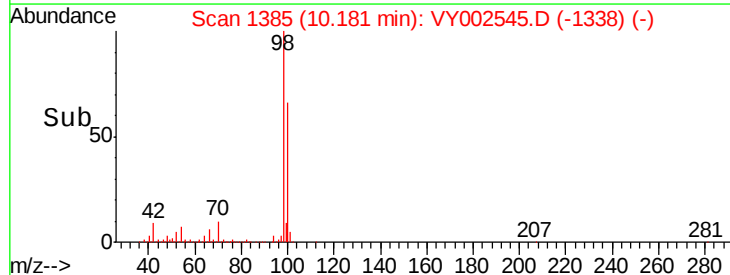
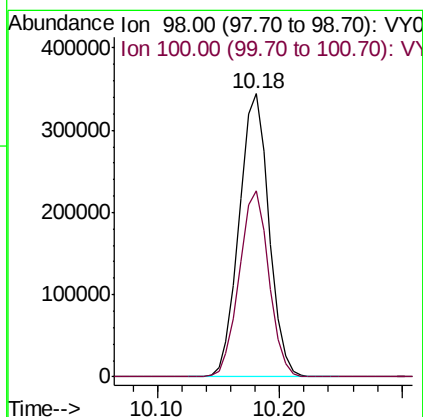
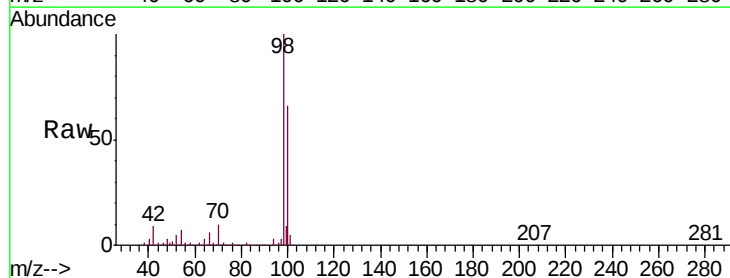
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB180-GW-778-780

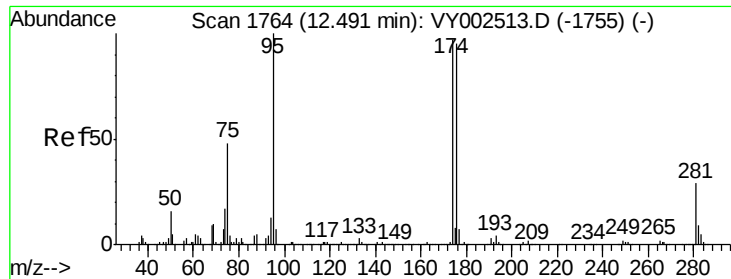
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	22.9	18.2	27.4



#50
 Toluene-d8
 Concen: 52.498 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY002545.D
 Acq: 04 May 2020 16:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

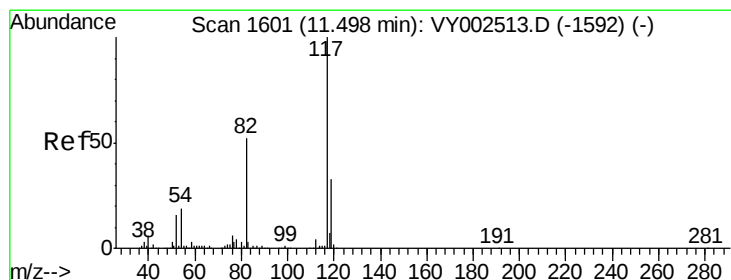
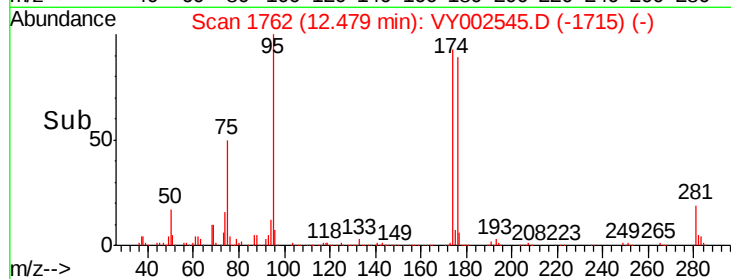
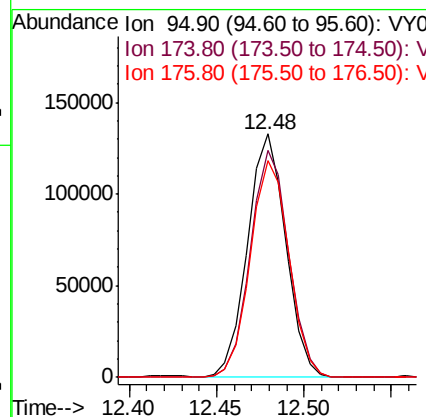
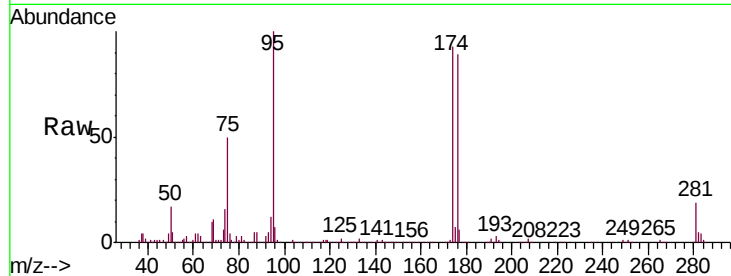




#62
4-Bromofluorobenzene
Concen: 53.852 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002545.D
Acq: 04 May 2020 16:47

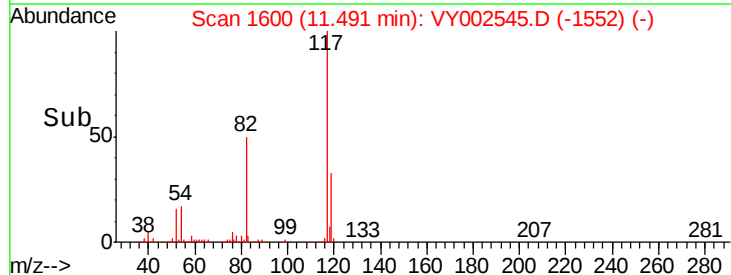
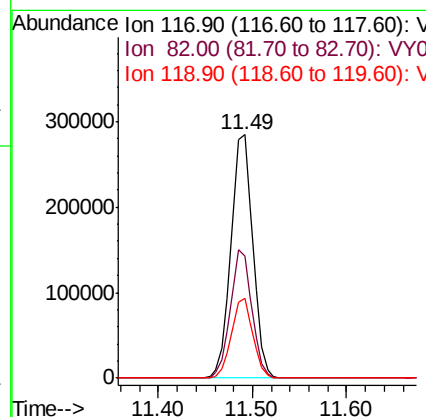
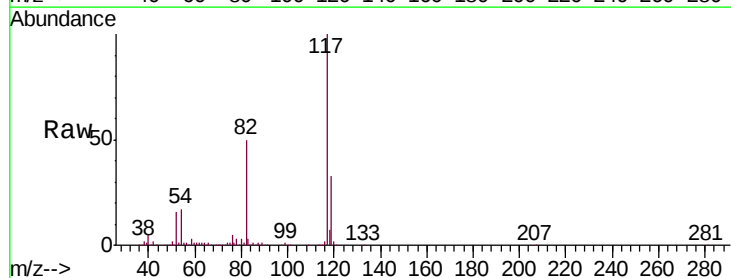
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-778-780

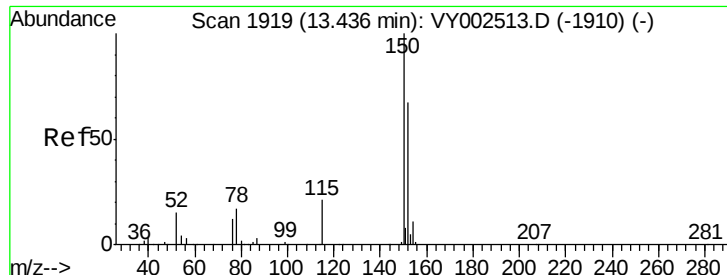
Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	188.8
176	90.2	0.0	183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002545.D
Acq: 04 May 2020 16:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.3	61.9
119	32.5	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002545.D

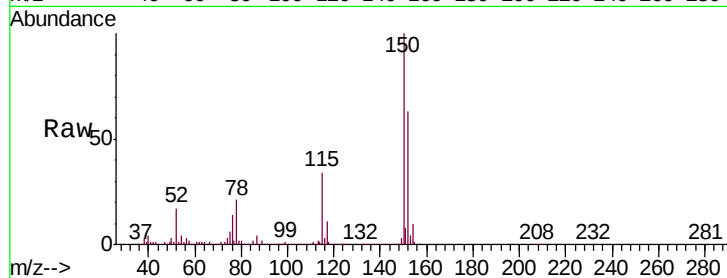
Acq: 04 May 2020 16:47

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB180-GW-778-780



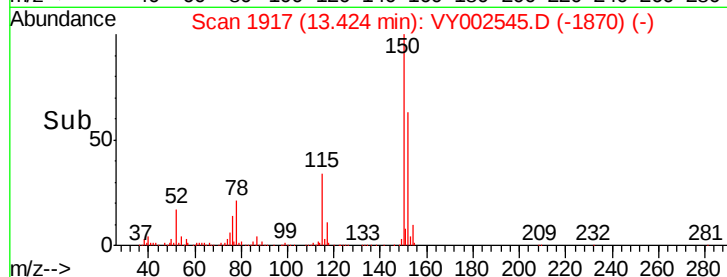
Tgt Ion:152 Resp: 234199

Ion Ratio Lower Upper

152 100

115 54.4 27.5 82.4

150 157.6 0.0 346.4



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

