

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002541.D
 Acq On : 04 May 2020 15:18
 Operator : SY/MD
 Sample : L2443-01
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB180-GW-658-660

Quant Time: May 07 07:52:34 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

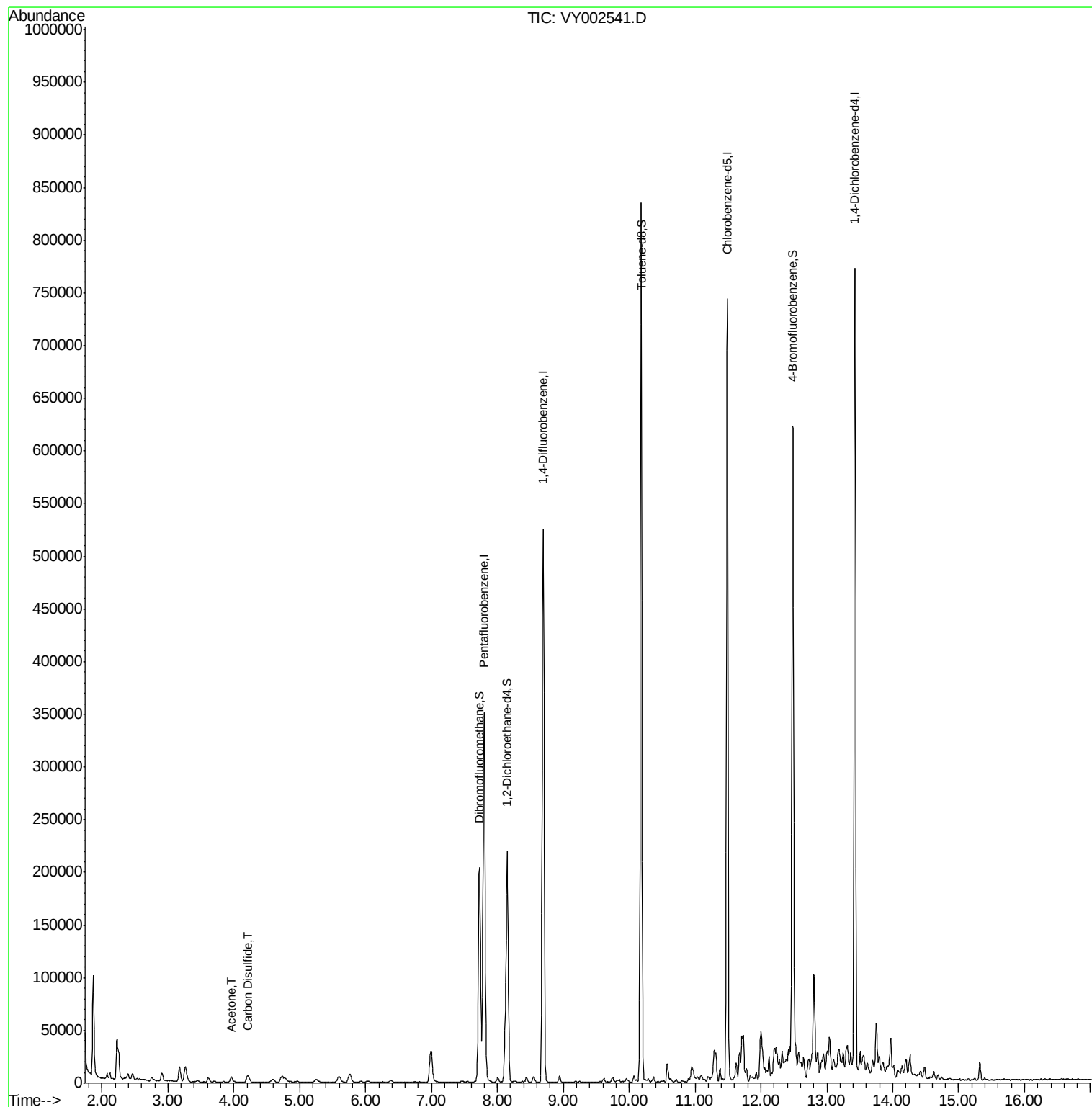
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	288900	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	468750	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	425425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	205002	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	153730	63.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	126.58%	
35) Dibromofluoromethane	7.73	113	145062	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
50) Toluene-d8	10.18	98	548667	52.41	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.48	95	180324	50.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.52%	
Target Compounds						
16) Acetone	3.96	43	8314	16.584	ug/l #	87
17) Carbon Disulfide	4.20	76	9402	1.257	ug/l #	91

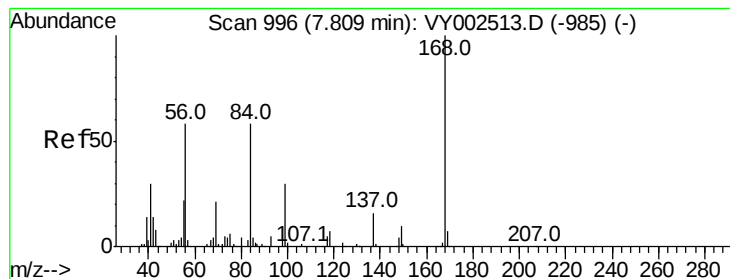
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampleId :

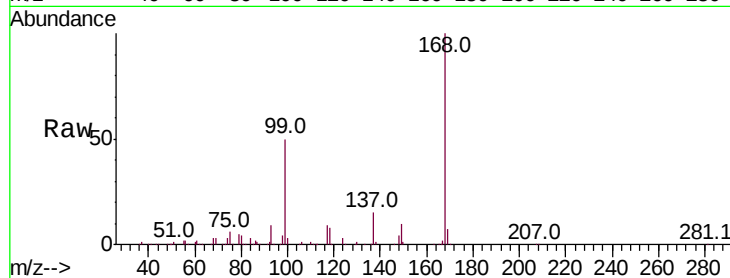
BP-VPB180-GW-658-660

Tot Ion:168 Resp: 288900

Ion Ratio Lower Upper

168 100

99 50.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002541.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002541.D (-947) (-)

7.80

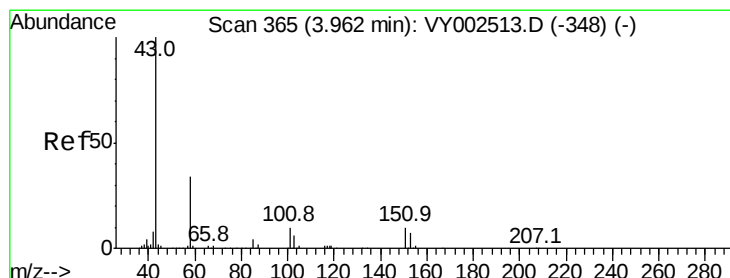
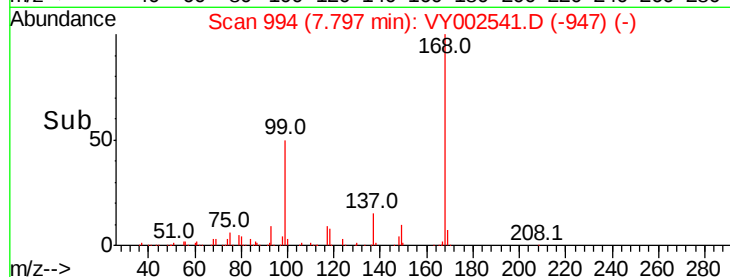
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.584 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002541.D

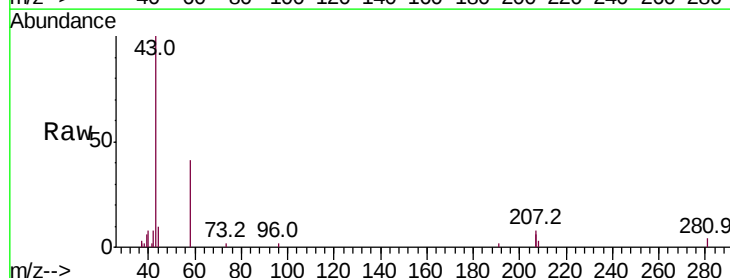
Acq: 04 May 2020 15:18

Tgt Ion: 43 Resp: 8314

Ion Ratio Lower Upper

43 100

58 40.8 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY002541.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002541.D (-316) (-)

3.96

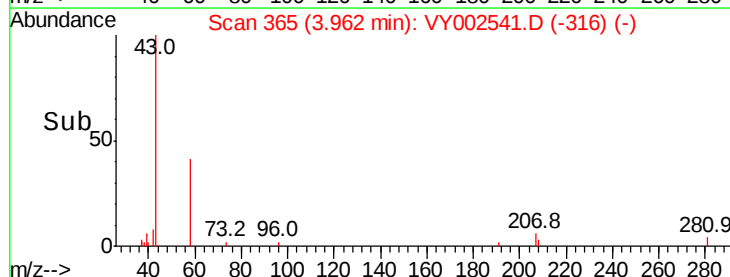
3000

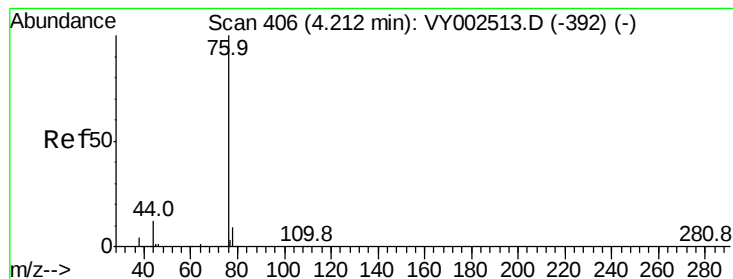
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 1.257 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY002541.D

Acq: 04 May 2020 15:18

Instrument :

MSVOA_Y

ClientSampleId :

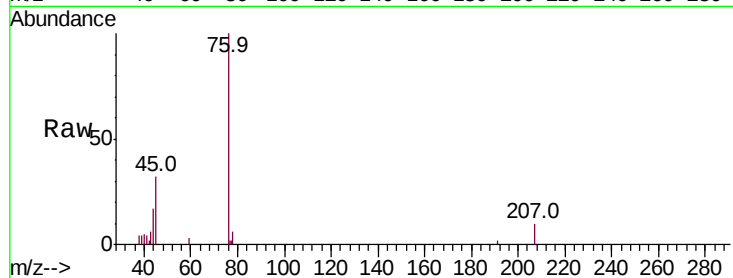
BP-VPB180-GW-658-660

Tot Ion: 76 Resp: 9402

Ion Ratio Lower Upper

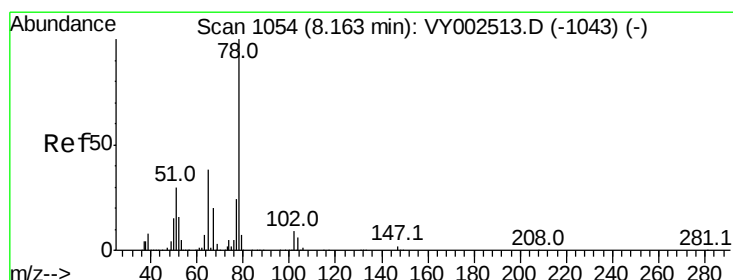
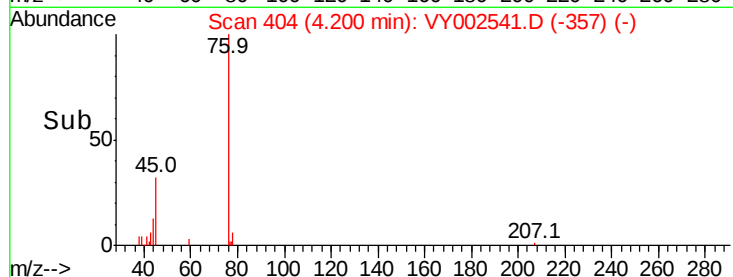
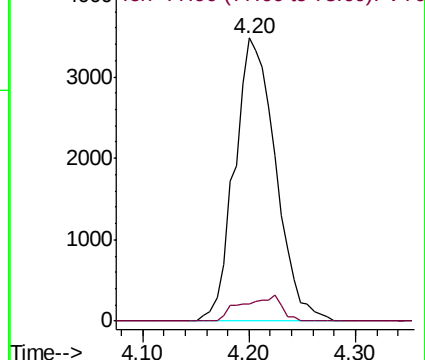
76 100

78 5.9 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VY002513.D (-392) (-)

Ion 77.90 (77.60 to 78.60): VY002513.D (-392) (-)



#33

1,2-Dichloroethane-d4

Concen: 63.286 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002541.D

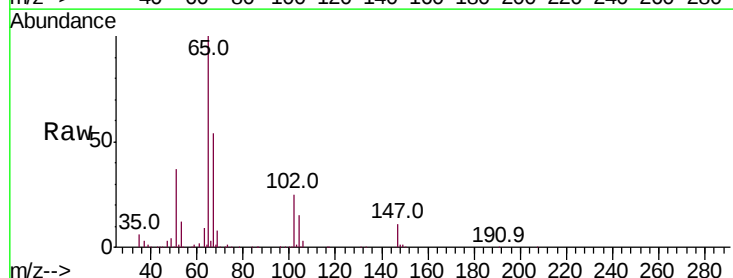
Acq: 04 May 2020 15:18

Tgt Ion: 65 Resp: 153730

Ion Ratio Lower Upper

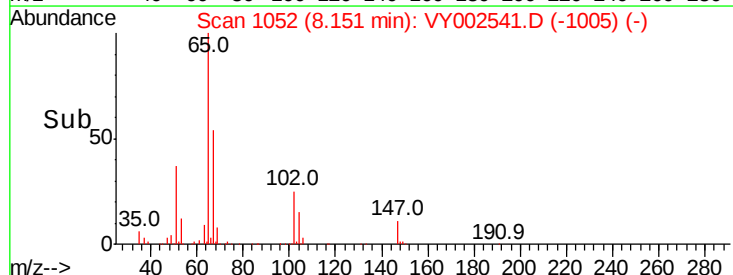
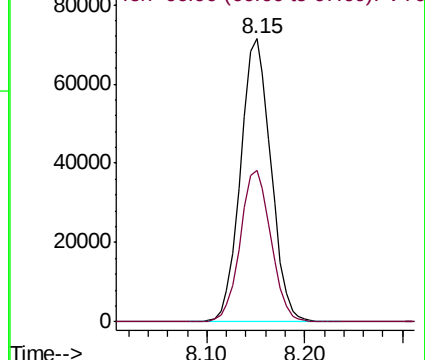
65 100

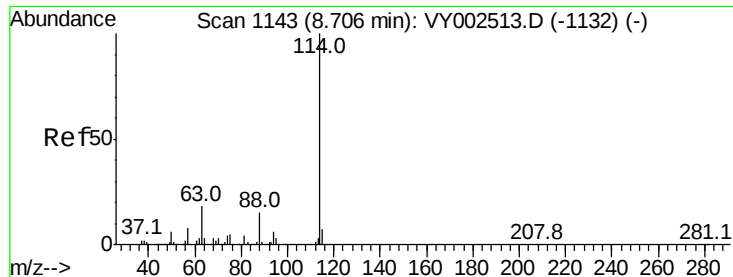
67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

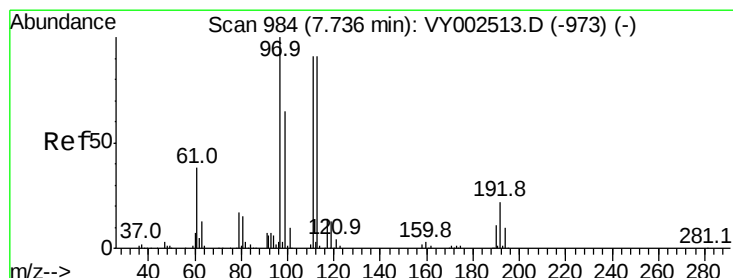
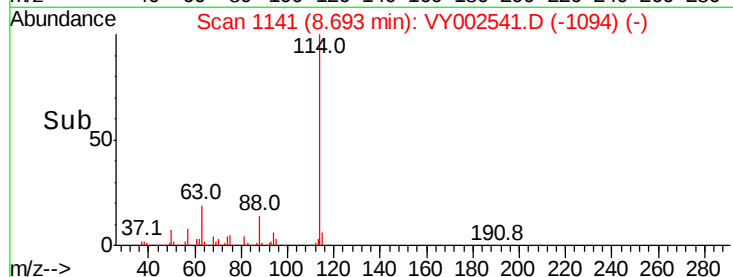
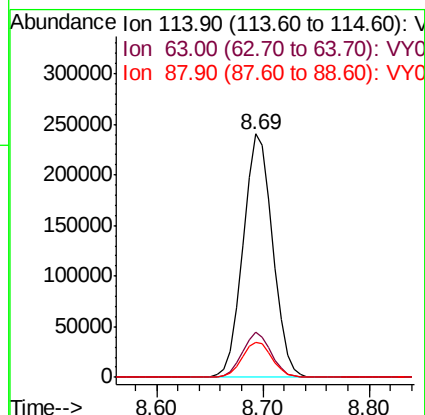
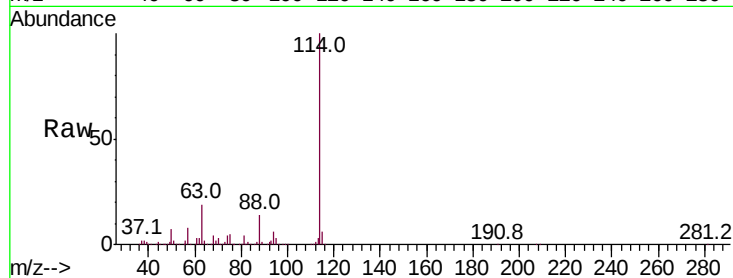
Lab File: VY002541.D

Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tot Ion:114 Resp: 468750

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.4
88	14.2	0.0	29.6



#35

Dibromofluoromethane

Concen: 54.112 ug/l

RT: 7.73 min Scan# 983

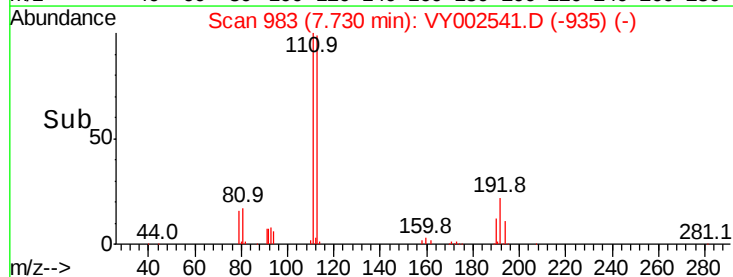
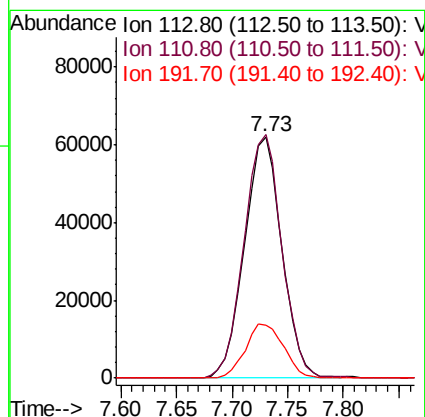
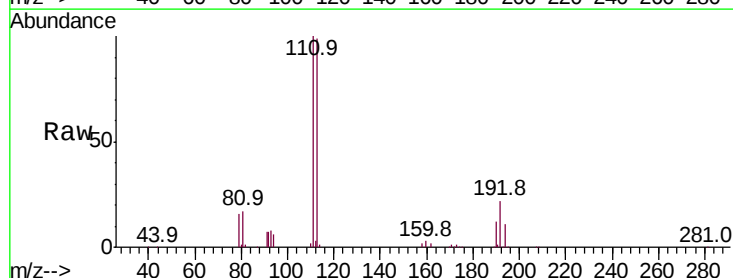
Delta R.T. -0.01 min

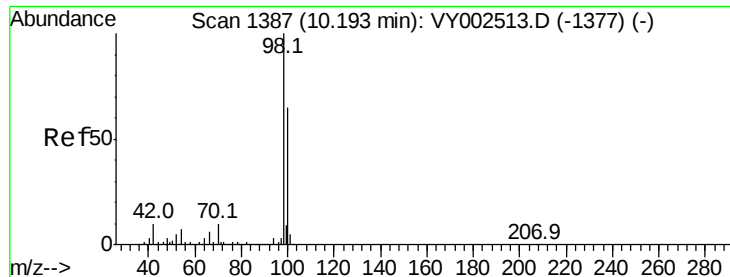
Lab File: VY002541.D

Acq: 04 May 2020 15:18

Tgt Ion:113 Resp: 145062

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	22.8	18.2	27.4





#50

Toluene-d8

Concen: 52.409 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002541.D

Acq: 04 May 2020 15:18

Instrument :

MSVOA_Y

ClientSampleId :

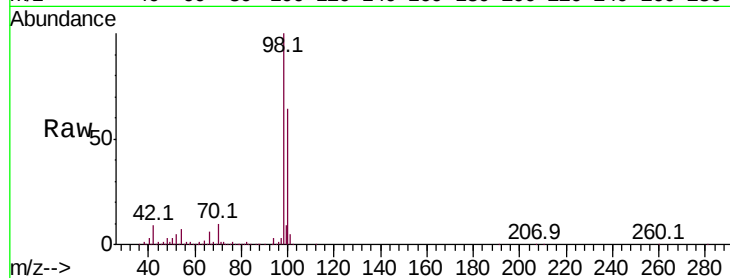
BP-VPB180-GW-658-660

Tot Ion: 98 Resp: 548667

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

300000

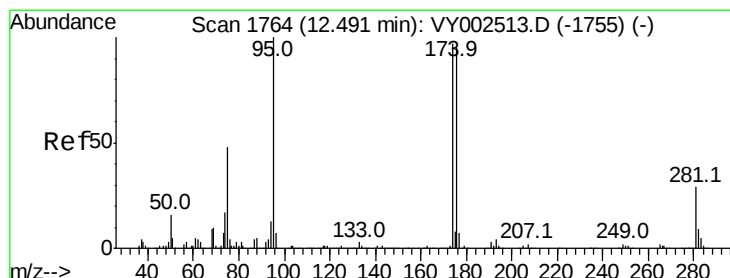
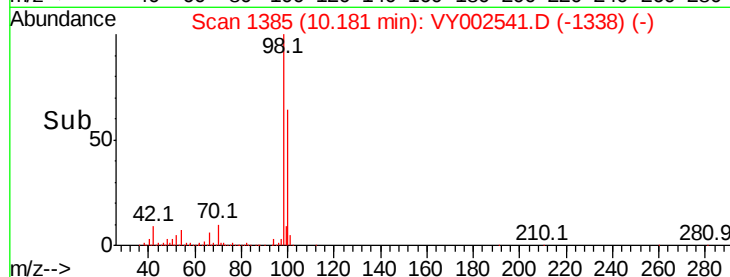
200000

100000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 50.762 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002541.D

Acq: 04 May 2020 15:18

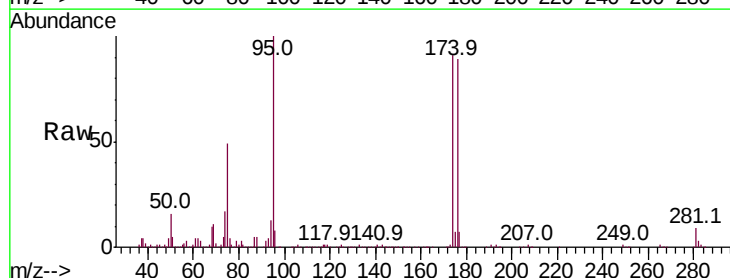
Tgt Ion: 95 Resp: 180324

Ion Ratio Lower Upper

95 100

174 94.5 0.0 188.8

176 92.7 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

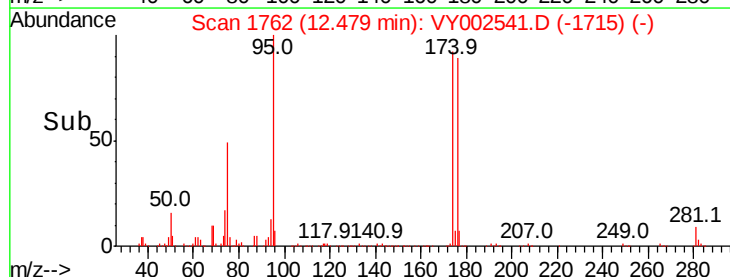
100000

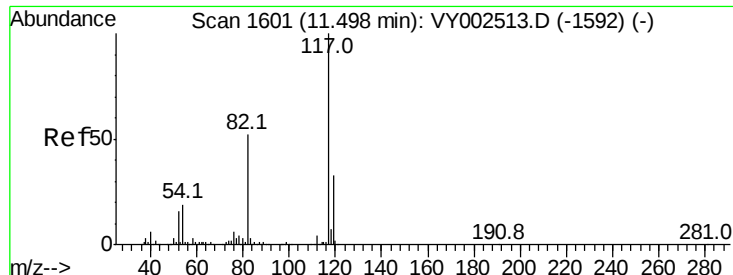
50000

0

Time-->

12.40 12.45 12.50 12.55

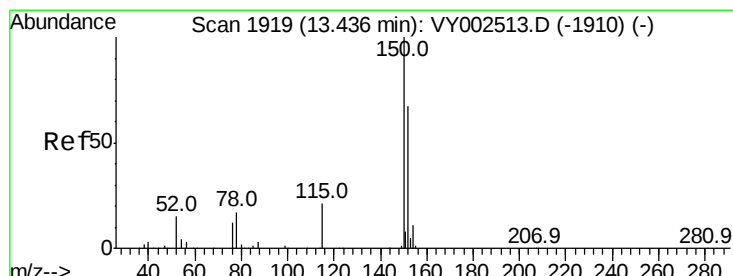
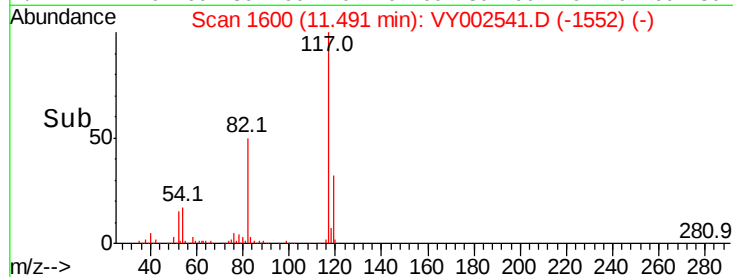
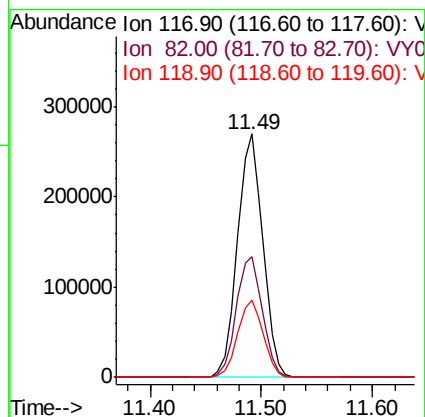
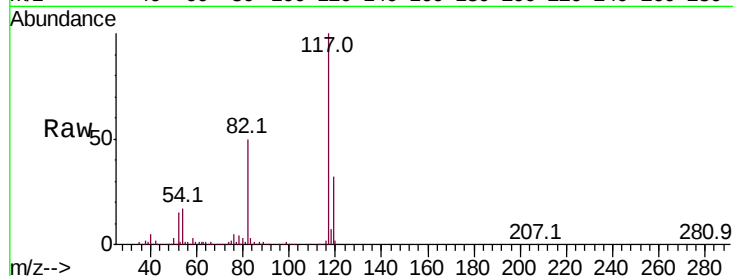




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002541.D
Acq: 04 May 2020 15:18

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-658-660

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.5	41.3	61.9
119	31.7	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: VY002541.D
Acq: 04 May 2020 15:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.5	82.4
150	156.4	0.0	346.4

