

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002589.D
 Acq On : 05 May 2020 16:13
 Operator : SY/MD
 Sample : L2483-02
 Misc : 5.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-1

Quant Time: May 06 07:32:57 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

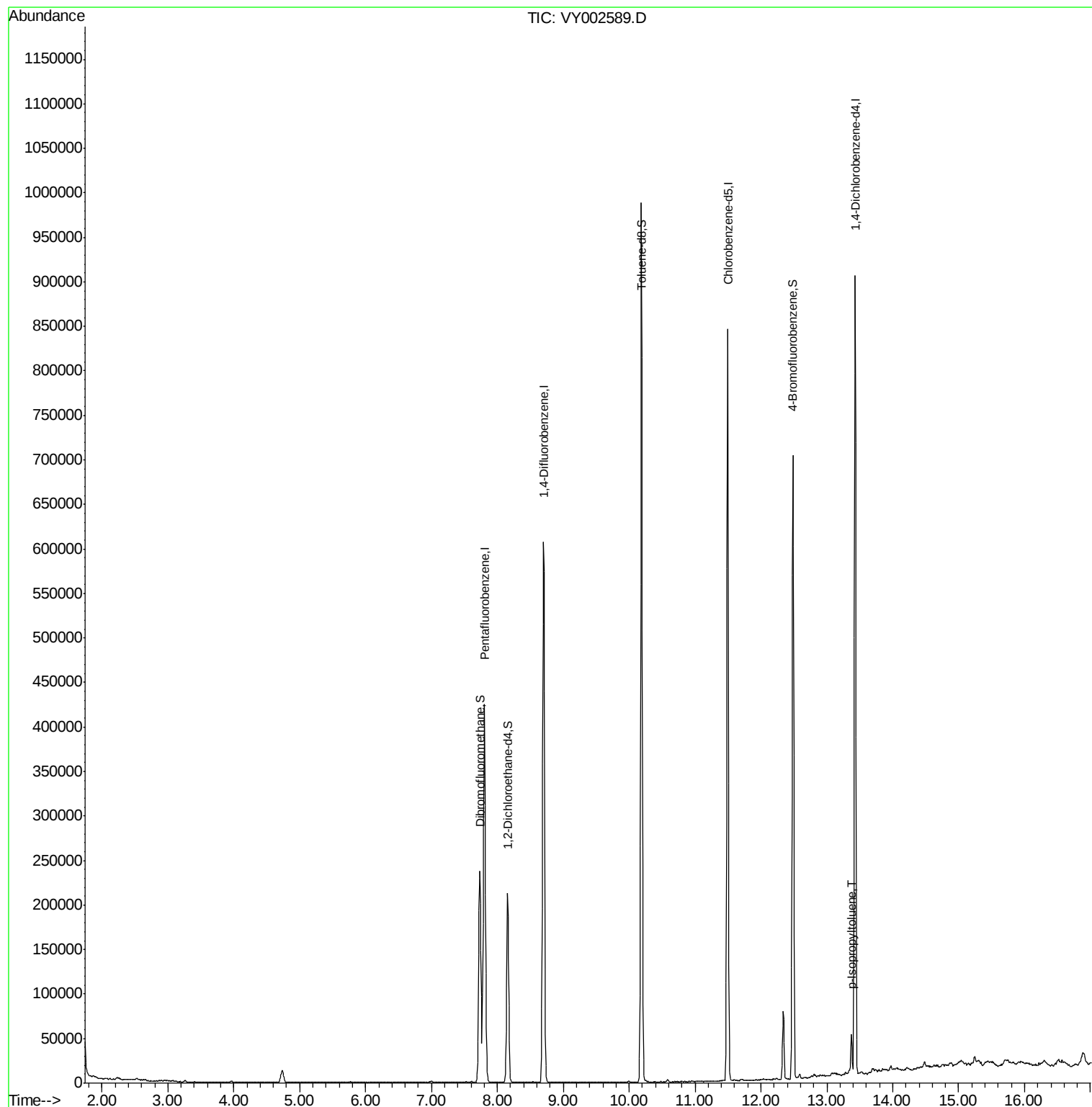
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Pentafluorobenzene	7.80	168	349535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	554858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	494714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	240710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	164608	56.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.02%	
35) Dibromofluoromethane	7.74	113	168303	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
50) Toluene-d8	10.19	98	646696	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.49	95	213266	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
Target Compounds						Qvalue
86) p-Isopropyltoluene	13.38	119	25041	1.699	ug/l	98
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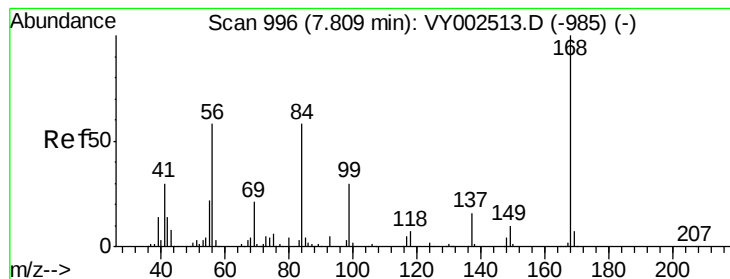
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002589.D

Acq: 05 May 2020 16:13

Instrument :

MSVOA_Y

ClientSampleId :

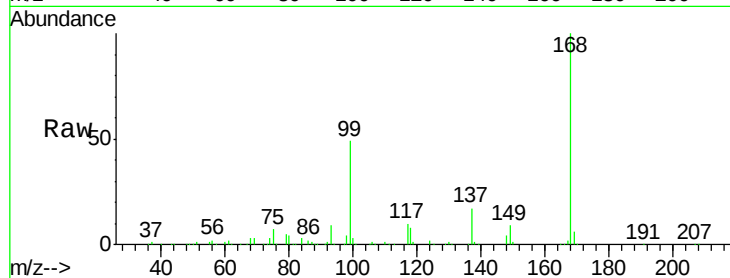
6FT-TP-1

Tot Ion:168 Resp: 349535

Ion Ratio Lower Upper

168 100

99 49.0 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

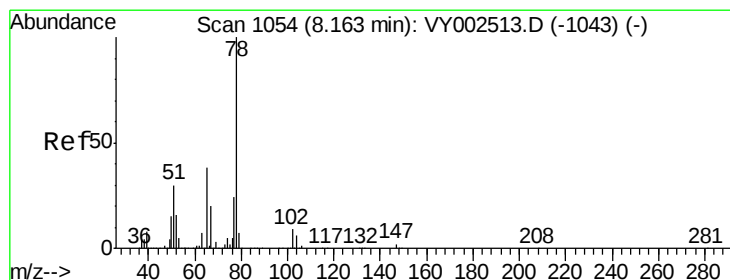
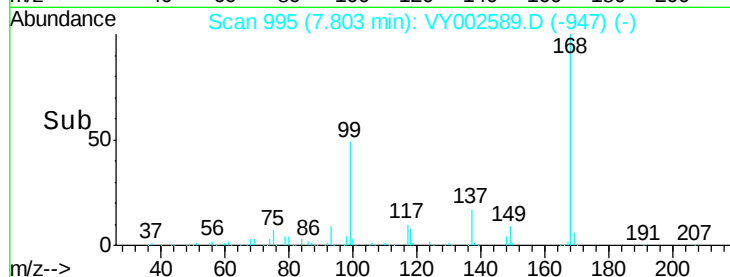
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.009 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002589.D

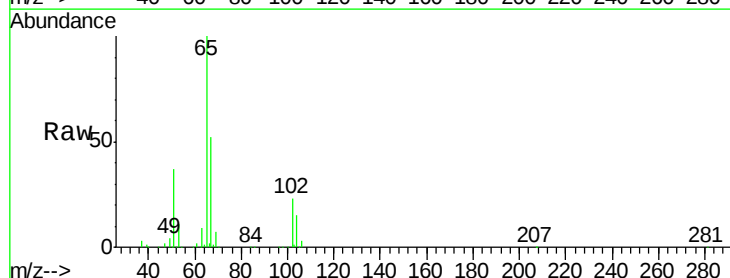
Acq: 05 May 2020 16:13

Tgt Ion: 65 Resp: 164608

Ion Ratio Lower Upper

65 100

67 54.0 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) (-)

8.15

80000

60000

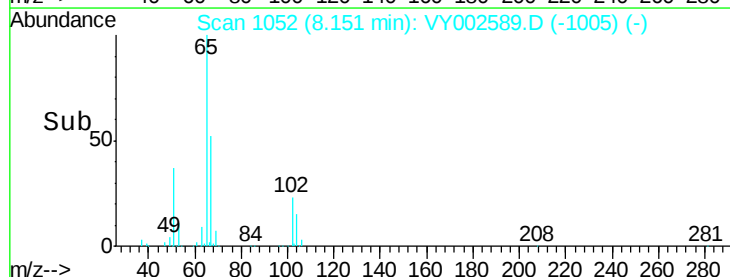
40000

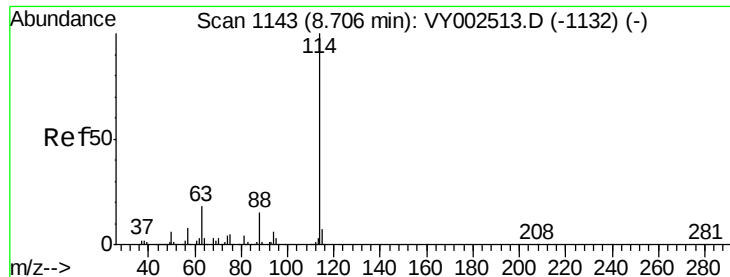
20000

0

8.00 8.10 8.20 8.30

Time-->

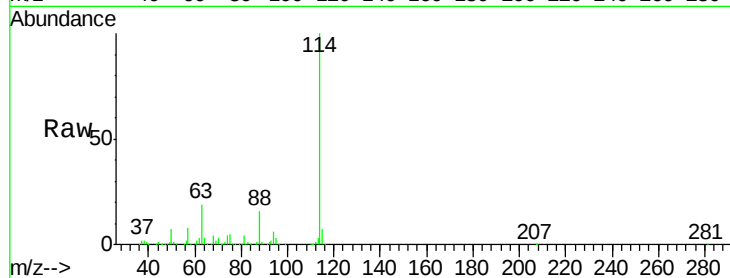




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002589.D
 Acq: 05 May 2020 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-1

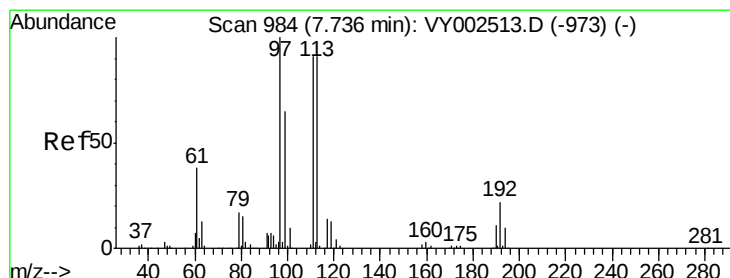
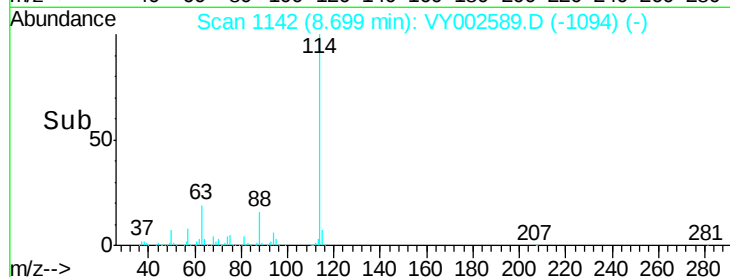
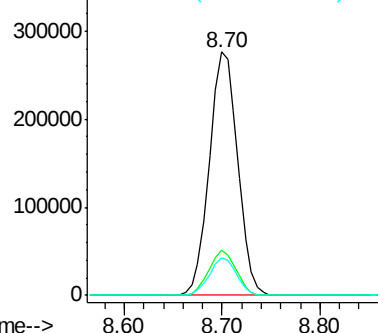
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	36.4
88	15.5	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

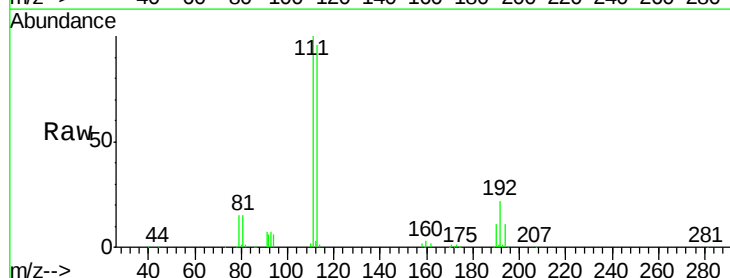
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 53.038 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002589.D
 Acq: 05 May 2020 16:13

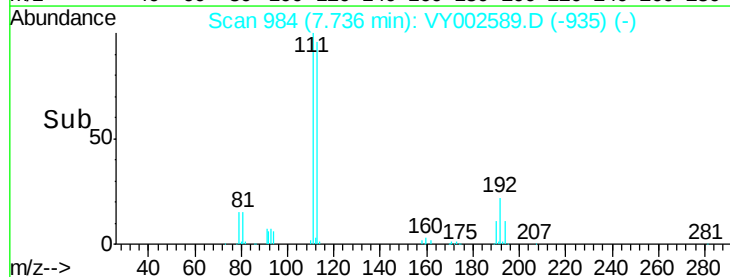
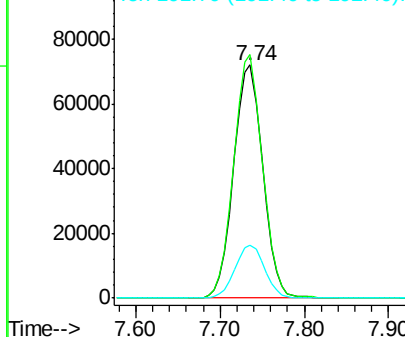
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	23.1	18.2	27.4

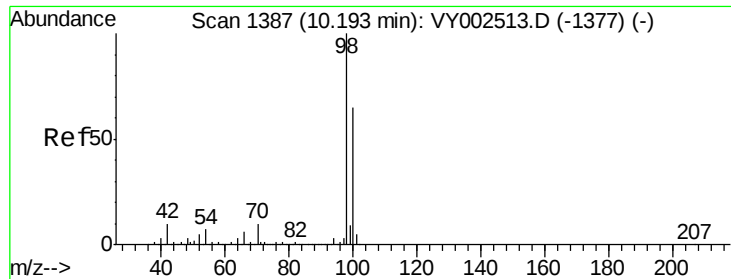


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.187 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002589.D

Acq: 05 May 2020 16:13

Instrument :

MSVOA_Y

ClientSampled :

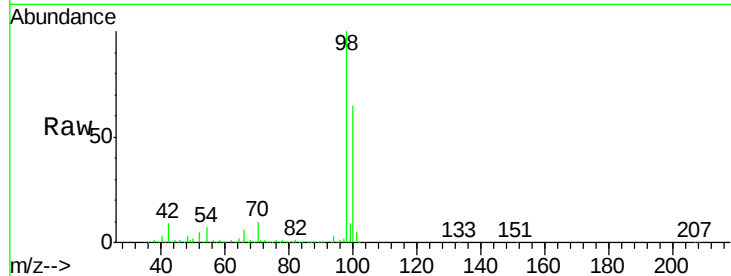
6FT-TP-1

Tot Ion: 98 Resp: 646696

Ion Ratio Lower Upper

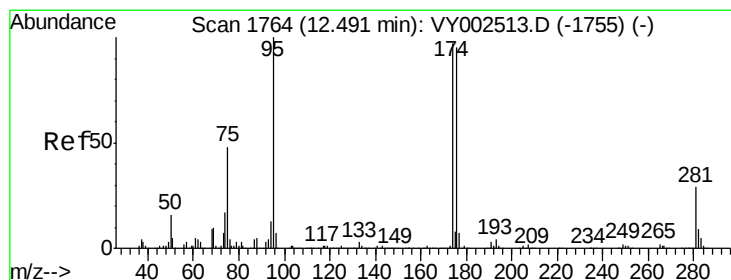
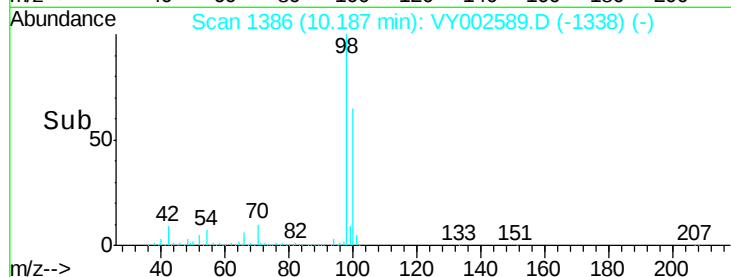
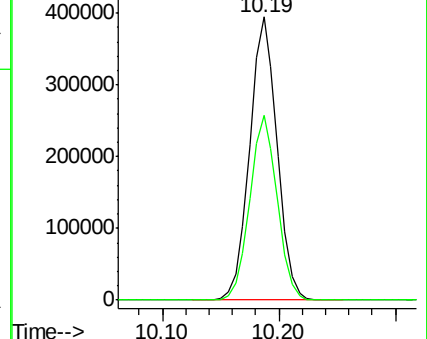
98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 50.718 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002589.D

Acq: 05 May 2020 16:13

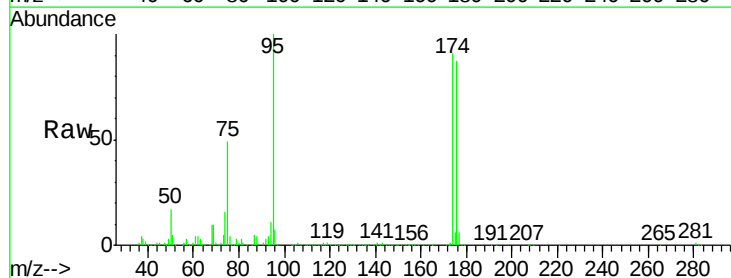
Tgt Ion: 95 Resp: 213266

Ion Ratio Lower Upper

95 100

174 92.9 0.0 188.8

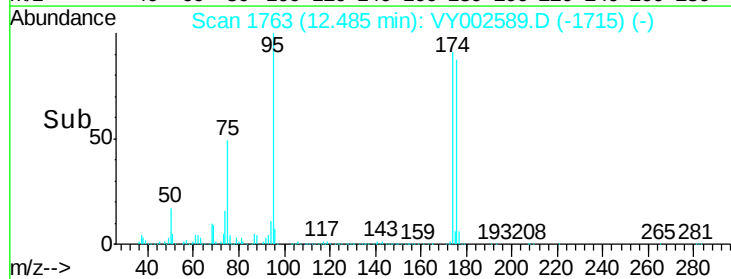
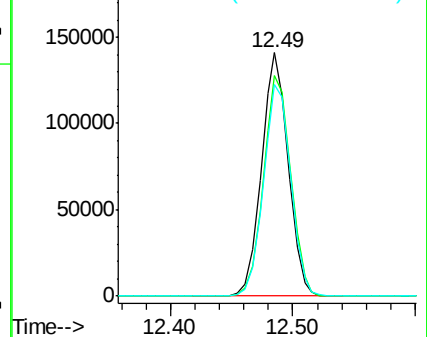
176 89.1 0.0 183.2

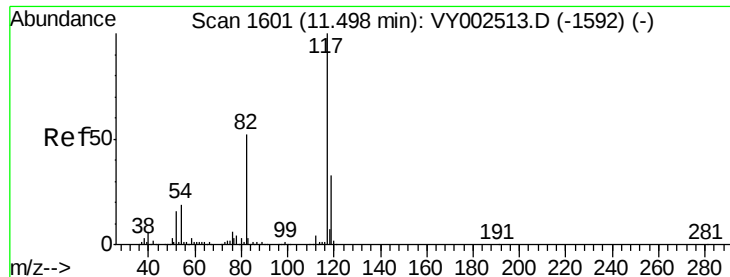


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

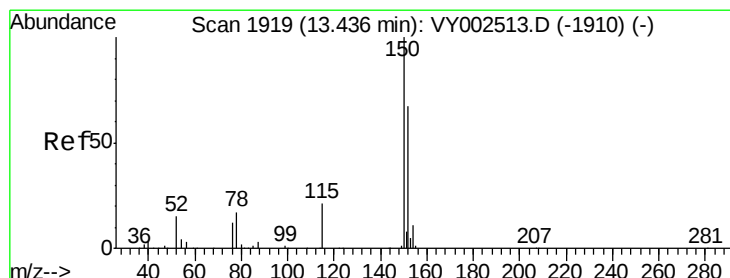
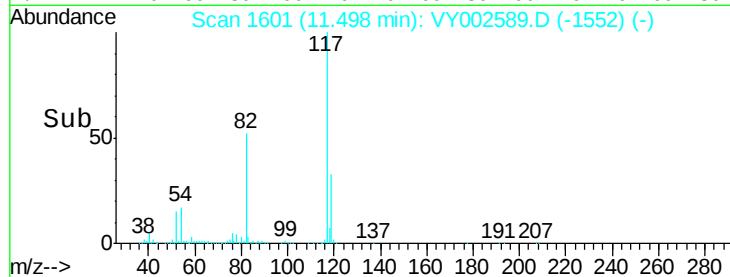
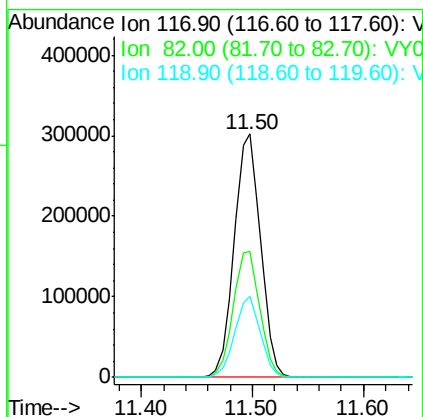
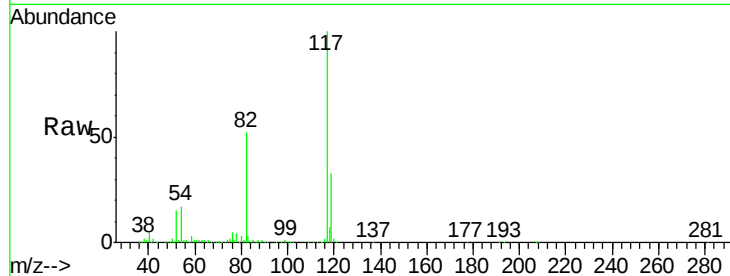




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

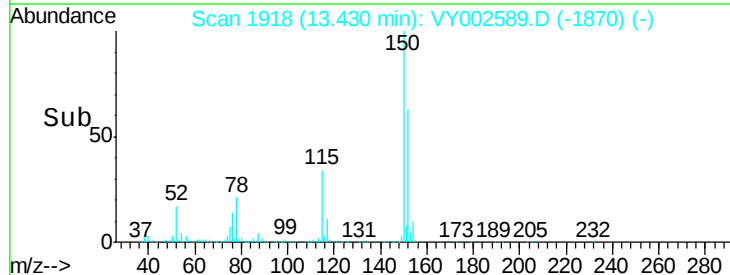
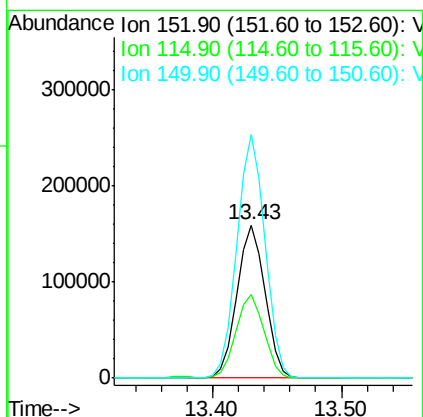
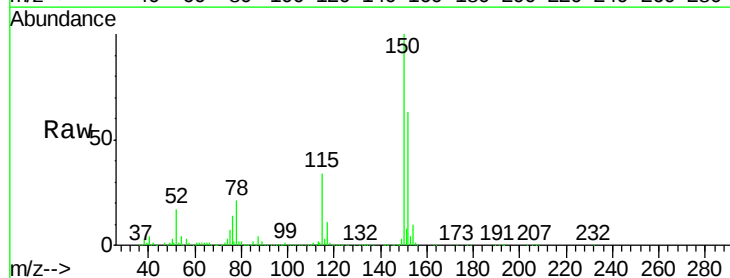
Instrument :
MSVOA_Y
ClientSampleId :
6FT-TP-1

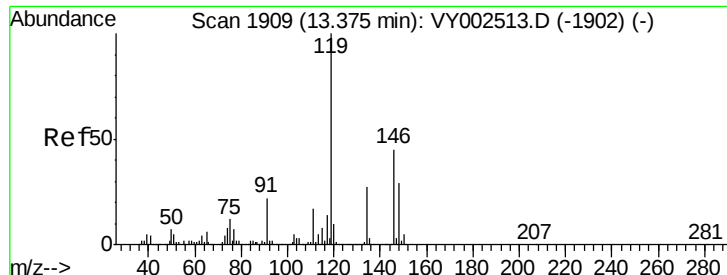
Tot Ion:117 Resp: 494714
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 33.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Tgt Ion:152 Resp: 240710
Ion Ratio Lower Upper
152 100
115 54.5 27.5 82.4
150 158.7 0.0 346.4





#86

p-Isopropyltoluene

Concen: 1.699 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002589.D

Acq: 05 May 2020 16:13

Instrument :

MSVOA_Y

ClientSampleId :

6FT-TP-1

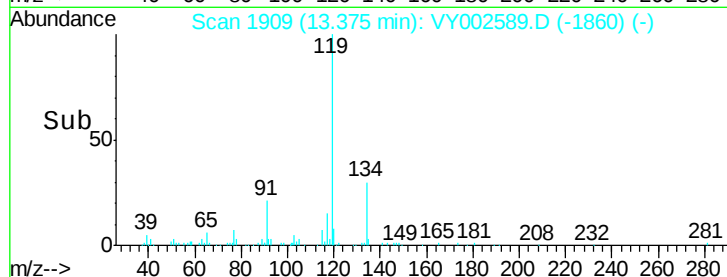
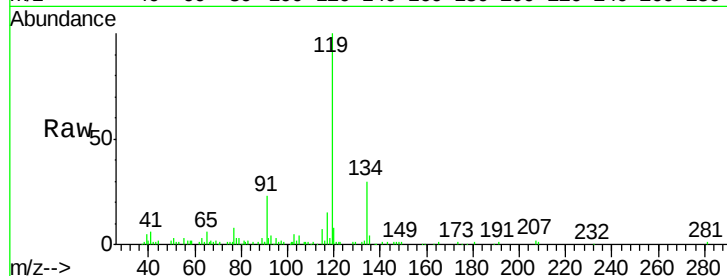
Tot Ion:119 Resp: 25041

Ion Ratio Lower Upper

119 100

134 28.9 13.5 40.5

91 21.9 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

