

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002593.D
 Acq On : 05 May 2020 17:43
 Operator : SY/MD
 Sample : L2483-10
 Misc : 5.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-5

Quant Time: May 06 07:42:10 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

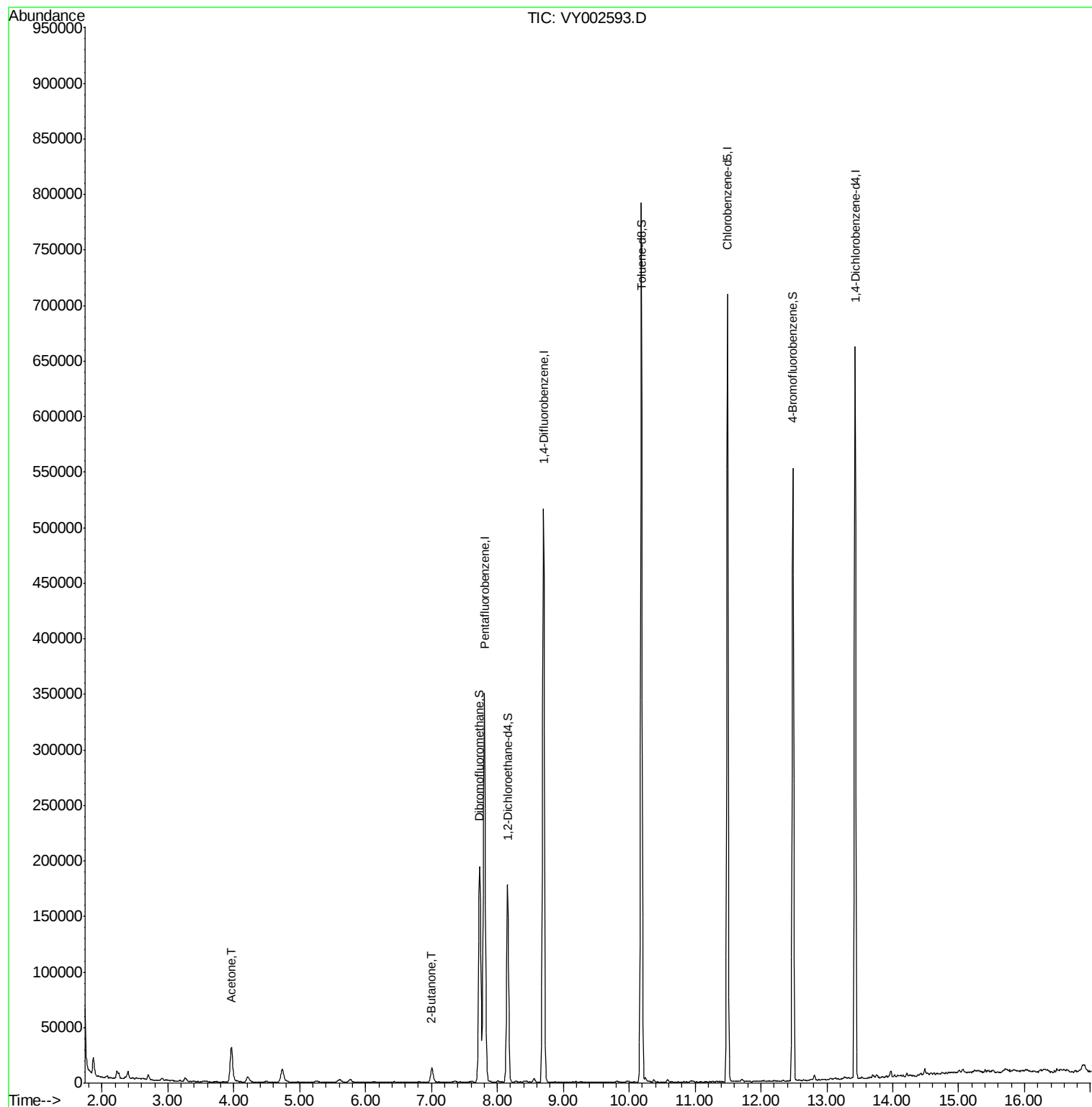
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	292567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	461140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	179903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	136144	55.34	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.68%	
35) Dibromofluoromethane	7.73	113	140864	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
50) Toluene-d8	10.19	98	536993	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.49	95	168335	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
Target Compounds						
16) Acetone	3.96	43	54671	107.688	ug/l	100
25) 2-Butanone	7.00	43	20015	24.084	ug/l	100

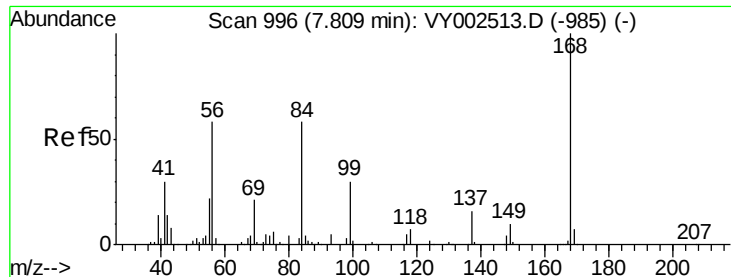
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002593.D

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MSVOA_Y

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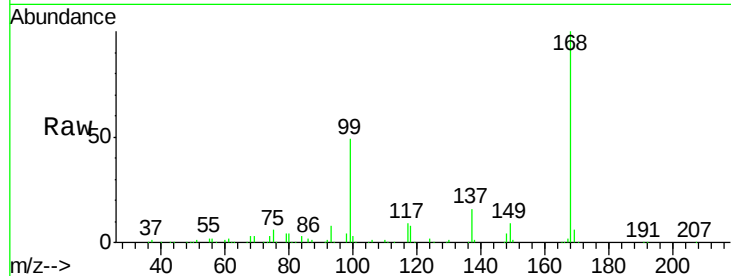
6FT-TP-5

Tot Ion:168 Resp: 292567

Ion Ratio Lower Upper

168 100

99 48.6 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

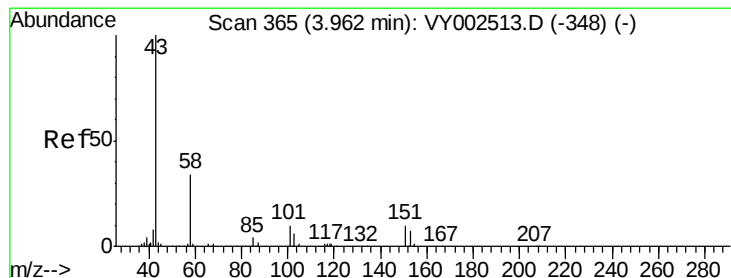
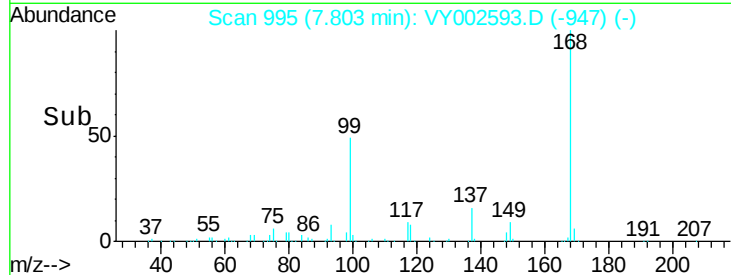
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 107.688 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002593.D

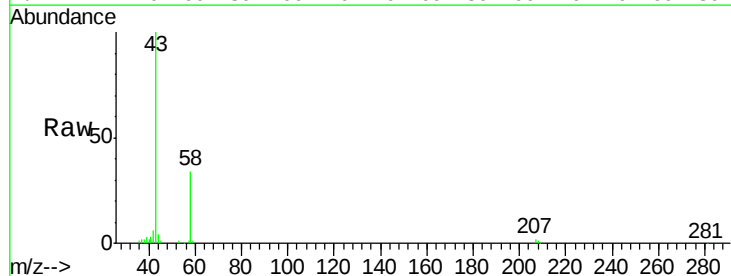
Acq: 05 May 2020 17:43

Tgt Ion: 43 Resp: 54671

Ion Ratio Lower Upper

43 100

58 33.7 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

20000

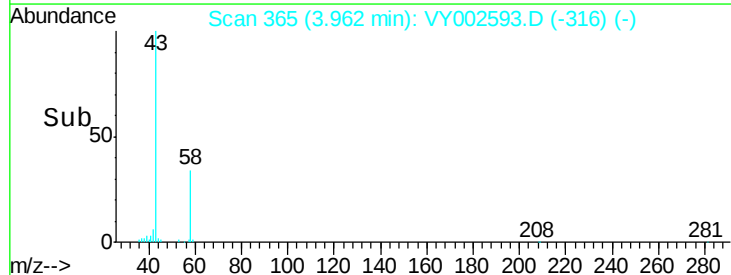
15000

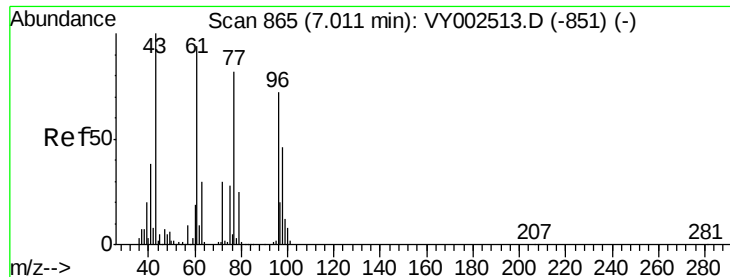
10000

5000

0

Time-->





#25

2-Butanone

Concen: 24.084 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002593.D

Acq: 05 May 2020 17:43

Instrument :

MSVOA_Y

ClientSampleId :

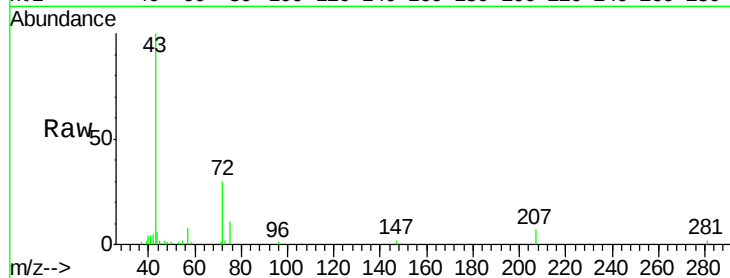
6FT-TP-5

Tot Ion: 43 Resp: 20015

Ion Ratio Lower Upper

43 100

72 30.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

8000

6000

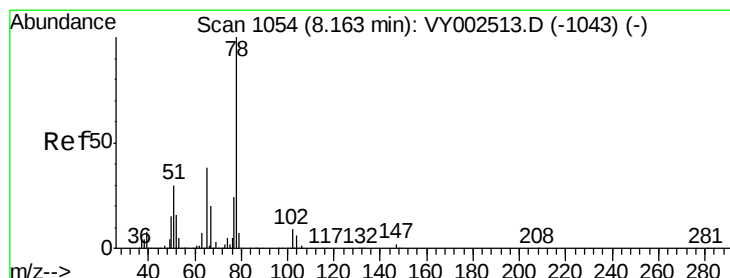
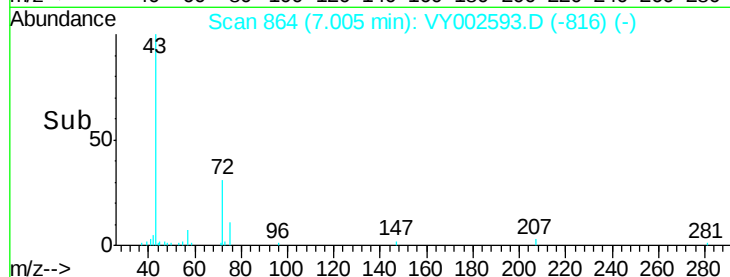
4000

2000

0

6.90 7.00 7.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.344 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002593.D

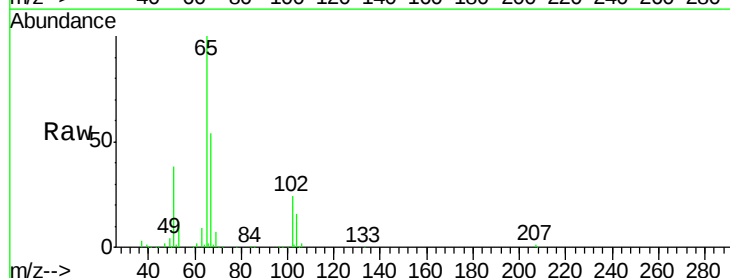
Acq: 05 May 2020 17:43

Tgt Ion: 65 Resp: 136144

Ion Ratio Lower Upper

65 100

67 54.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

60000

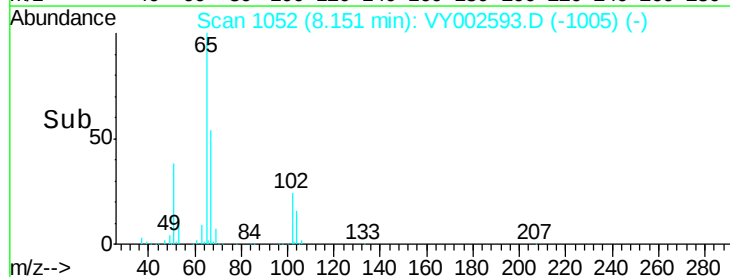
40000

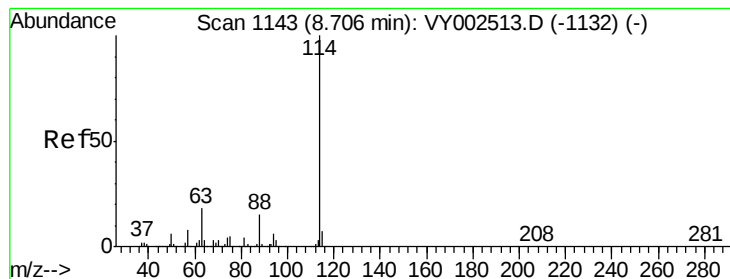
20000

0

8.10 8.15 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: VY002593.D

Acq: 05 May 2020 17:43

Instrument :

MSVOA_Y

ClientSampleId :

6FT-TP-5

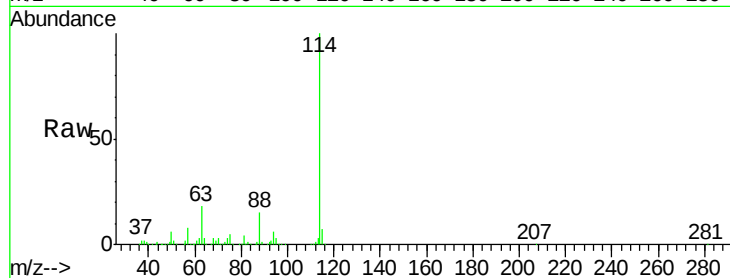
Tot Ion:114 Resp: 461140

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.4

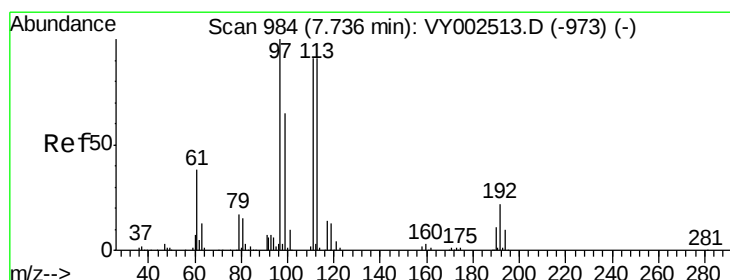
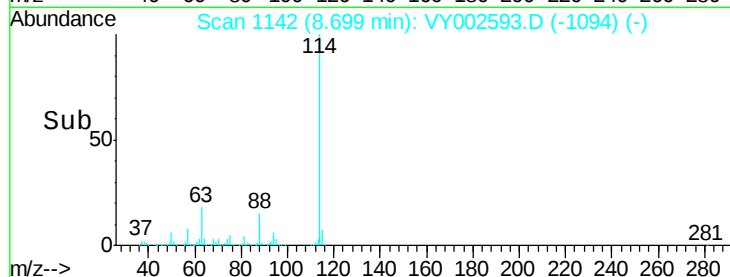
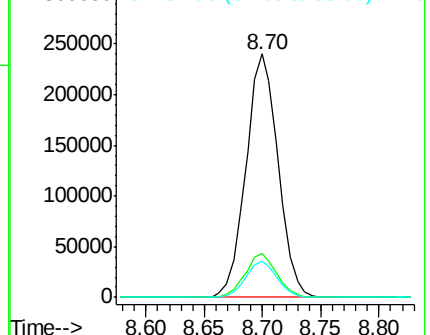
88 14.8 0.0 29.6



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: 53.413 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002593.D

Acq: 05 May 2020 17:43

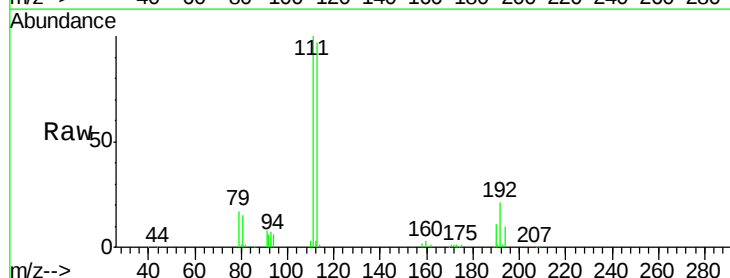
Tgt Ion:113 Resp: 140864

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

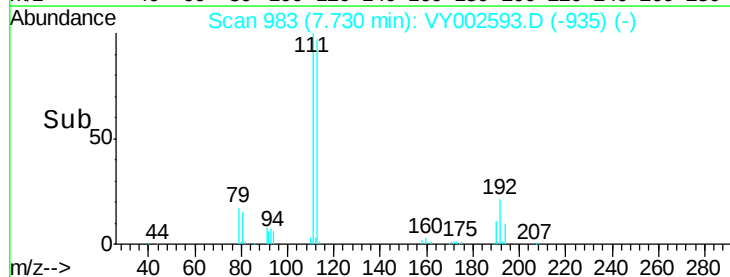
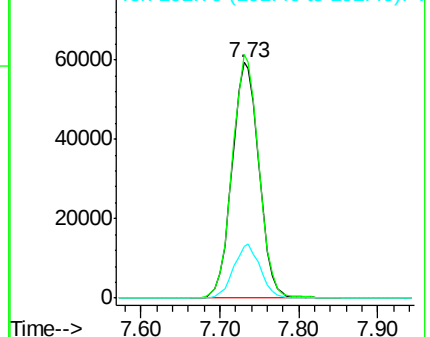
192 22.4 18.2 27.4

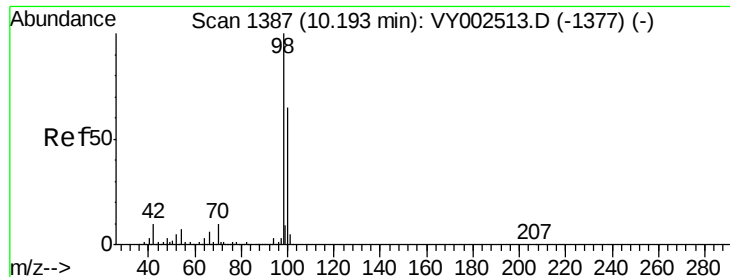


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.141 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002593.D

Acq: 05 May 2020 17:43

Instrument :

MSVOA_Y

ClientSampleId :

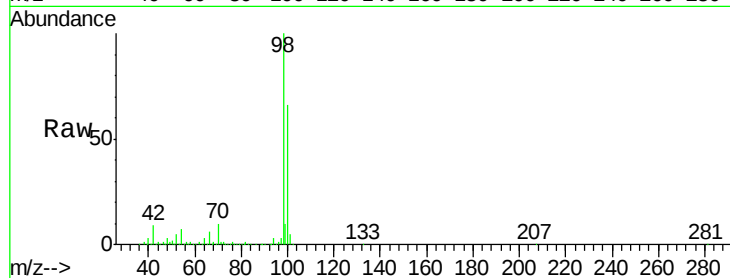
6FT-TP-5

Tot Ion: 98 Resp: 536993

Ion Ratio Lower Upper

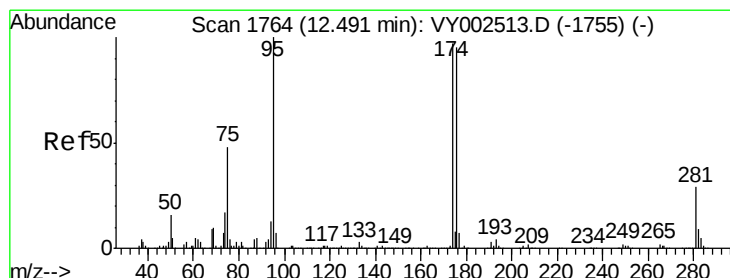
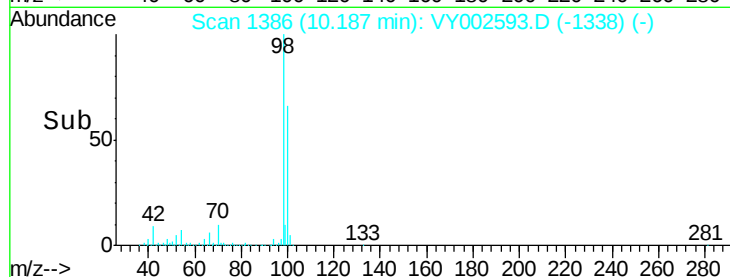
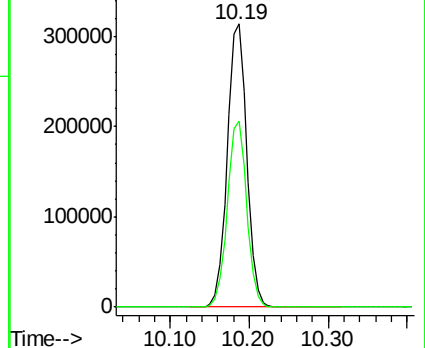
98 100

100 65.2 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: 48.169 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002593.D

Acq: 05 May 2020 17:43

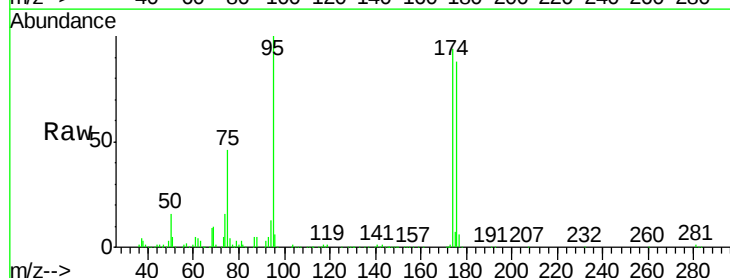
Tgt Ion: 95 Resp: 168335

Ion Ratio Lower Upper

95 100

174 93.6 0.0 188.8

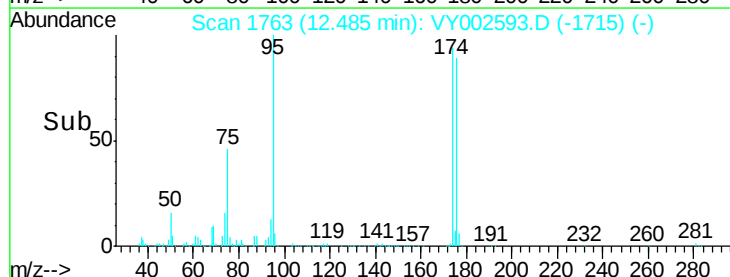
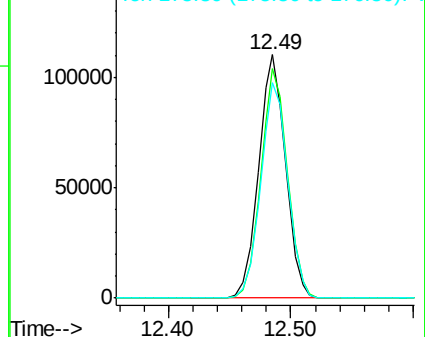
176 88.9 0.0 183.2

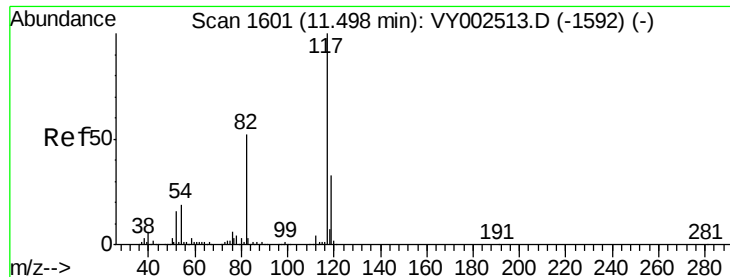


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

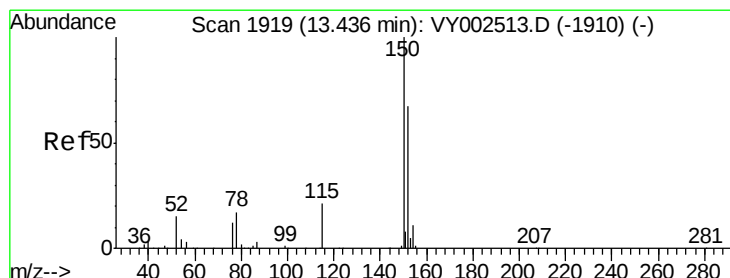
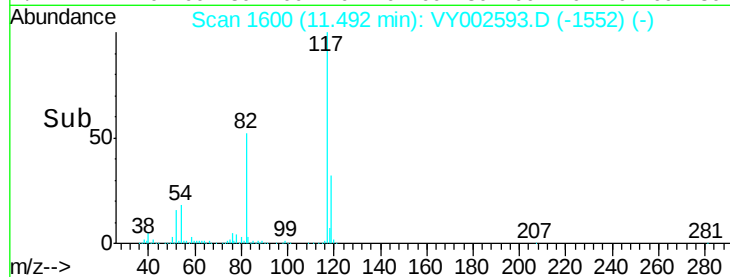
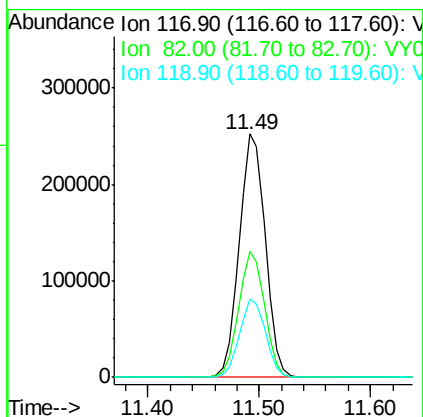
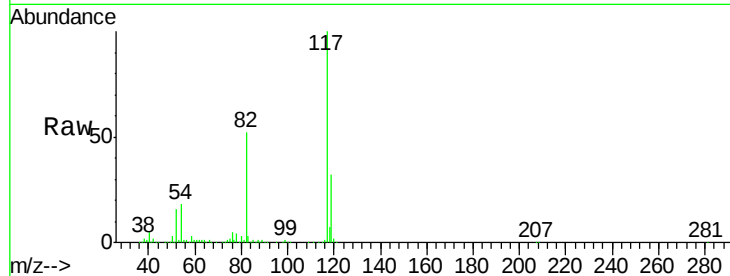




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002593.D
Acq: 05 May 2020 17:43

Instrument :
MSVOA_Y
ClientSampleId :
6FT-TP-5

Tot Ion:117 Resp: 408110
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.3 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: VY002593.D
Acq: 05 May 2020 17:43

Tgt Ion:152 Resp: 179903
Ion Ratio Lower Upper
152 100
115 54.3 27.5 82.4
150 156.2 0.0 346.4

