

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002570.D
 Acq On : 05 May 2020 03:27
 Operator : SY/MD
 Sample : L2475-04
 Misc : 4.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-03-009-B

Quant Time: May 05 09:20:03 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	7.82	168	333082	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	541198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	484376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	230557	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	162264	57.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.88%	
35) Dibromofluoromethane	7.75	113	165156	53.36	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.72%	
50) Toluene-d8	10.20	98	636362	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.49	95	205341	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

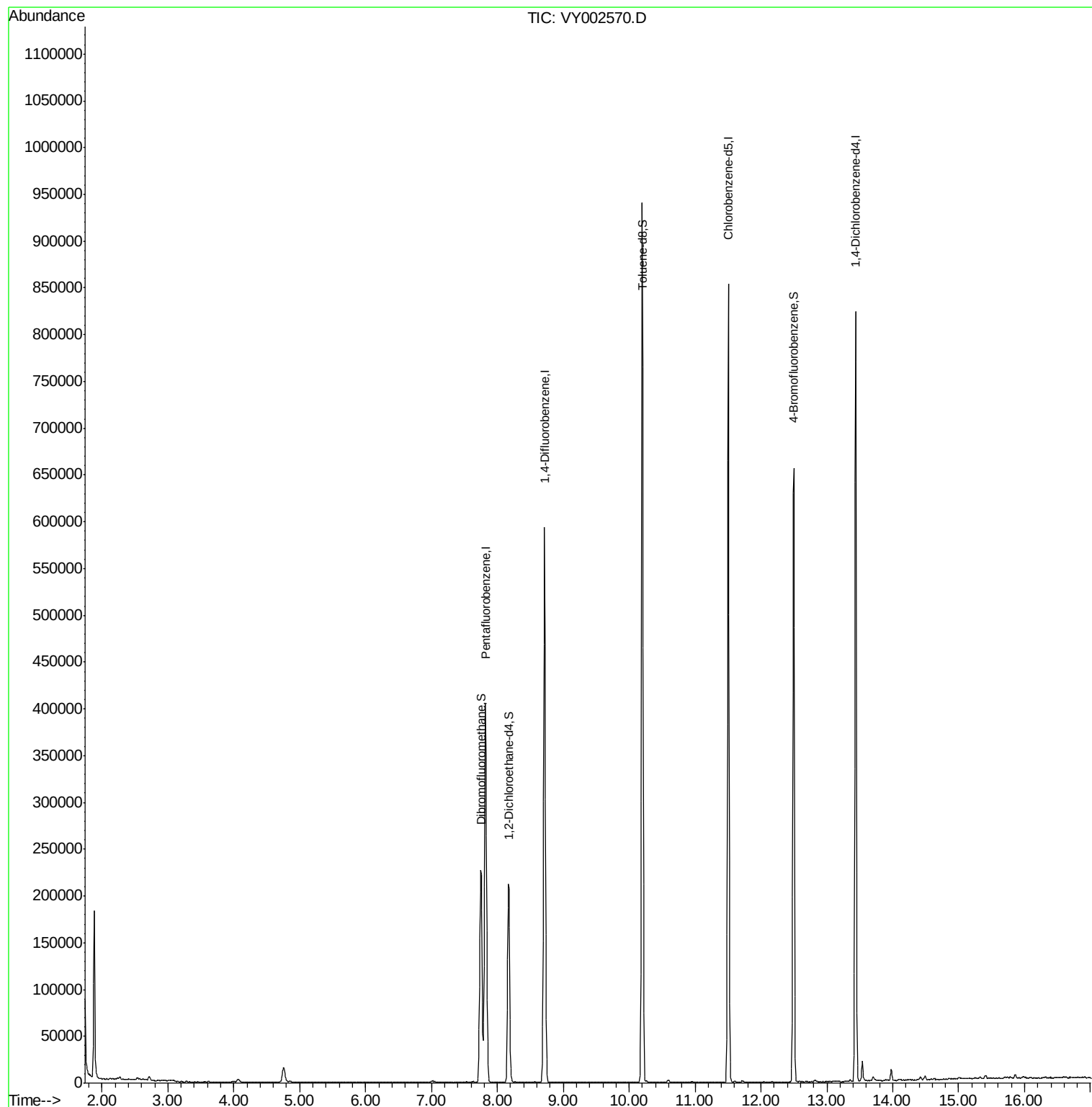
Target Compounds	Qvalue

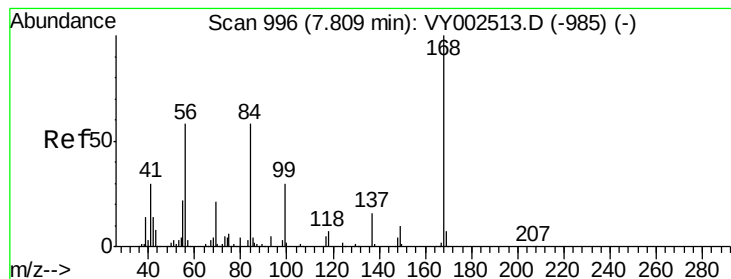
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002570.D

Acq: 05 May 2020 03:27

Instrument :

MSVOA_Y

ClientSampleId :

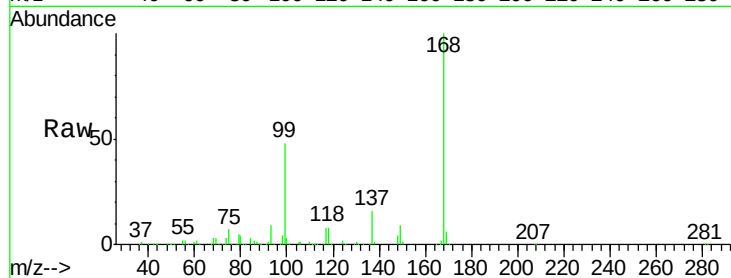
FK-GF-03-009-B

Tot Ion:168 Resp: 333082

Ion Ratio Lower Upper

168 100

99 47.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002570.D

Ion 98.90 (98.60 to 99.60): VY002570.D

7.82

150000

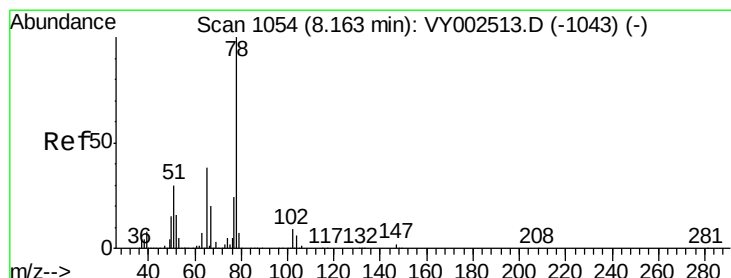
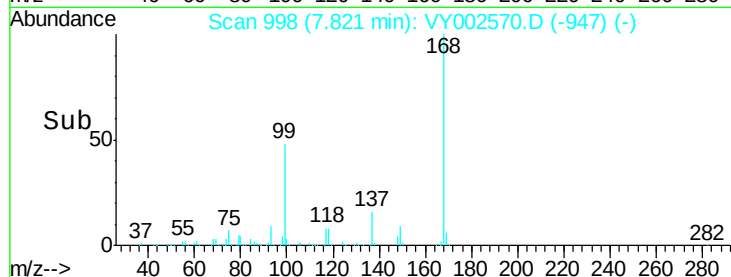
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.939 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002570.D

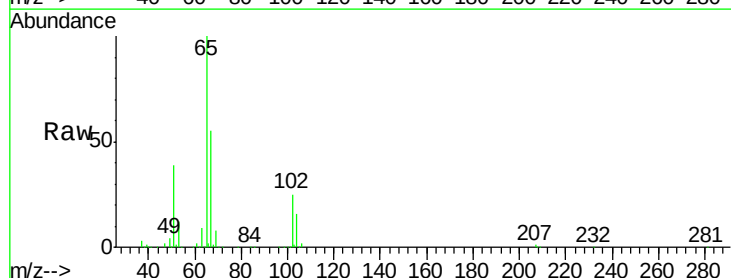
Acq: 05 May 2020 03:27

Tgt Ion: 65 Resp: 162264

Ion Ratio Lower Upper

65 100

67 55.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002570.D

Ion 66.90 (66.60 to 67.60): VY002570.D

8.17

80000

60000

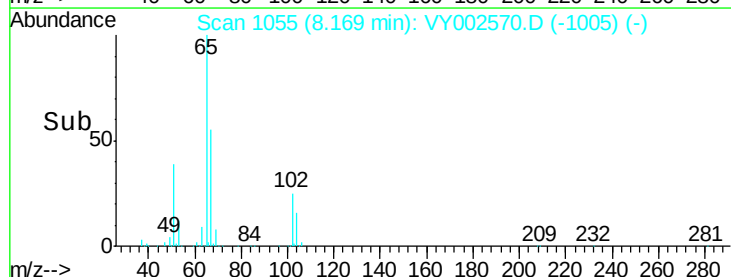
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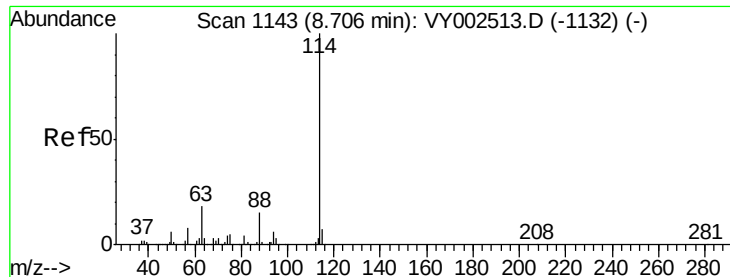
20000

0

8.10 8.20 8.30

Time-->

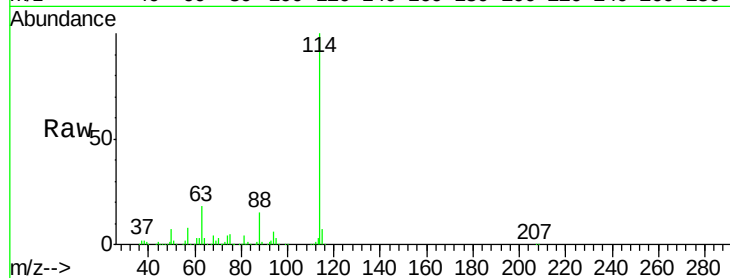




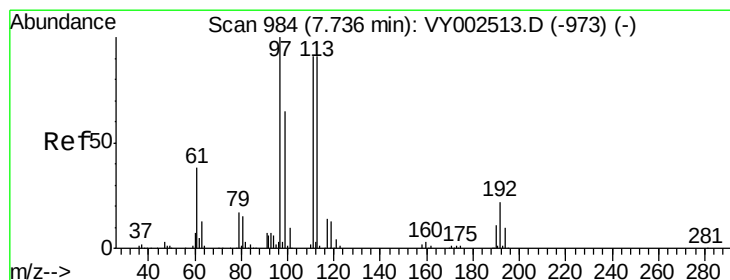
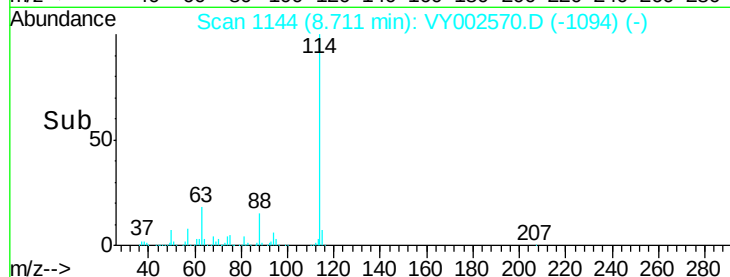
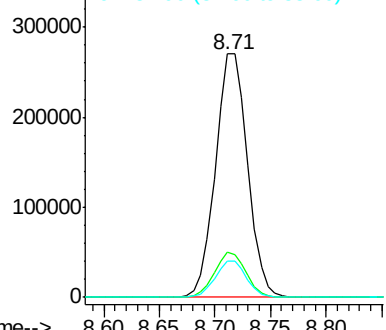
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002570.D
 Acq: 05 May 2020 03:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-03-009-B

Tot Ion:	114	Resp:	541198
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.4
88	15.1	0.0	29.6

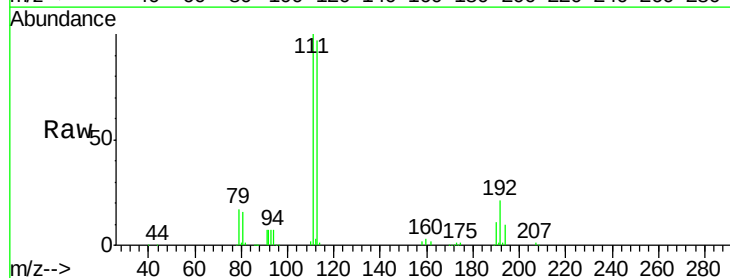


Abundance Ion 113.90 (113.60 to 114.60): V

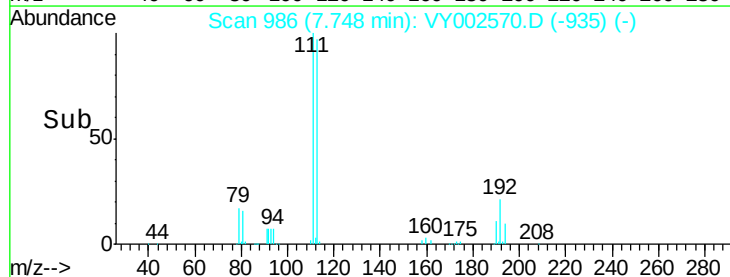
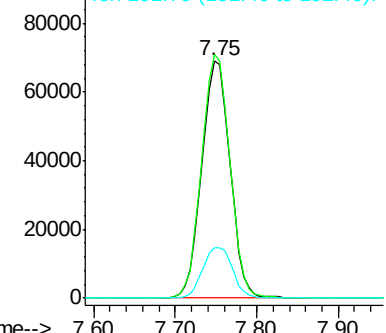


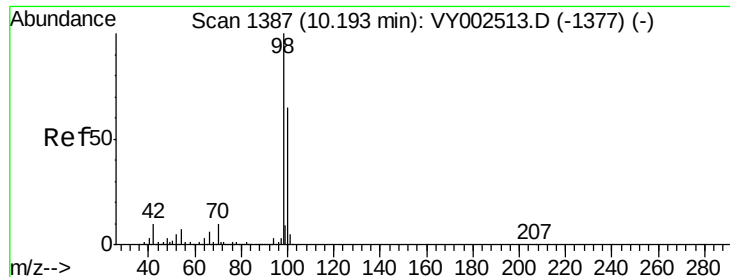
#35
 Dibromofluoromethane
 Concen: 53.360 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002570.D
 Acq: 05 May 2020 03:27

Tgt Ion:	113	Resp:	165156
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	22.4	18.2	27.4



Abundance Ion 112.80 (112.50 to 113.50): V





#50

Toluene-d8

Concen: 52.649 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002570.D

Acq: 05 May 2020 03:27

Instrument :

MSVOA_Y

ClientSampleId :

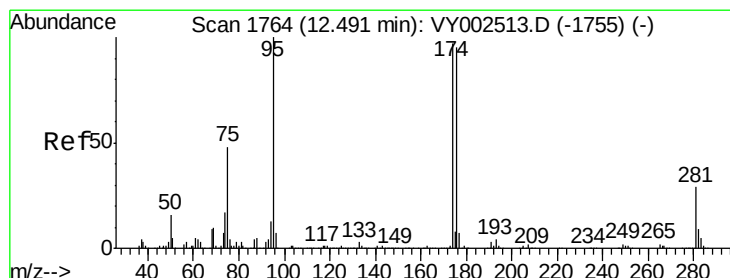
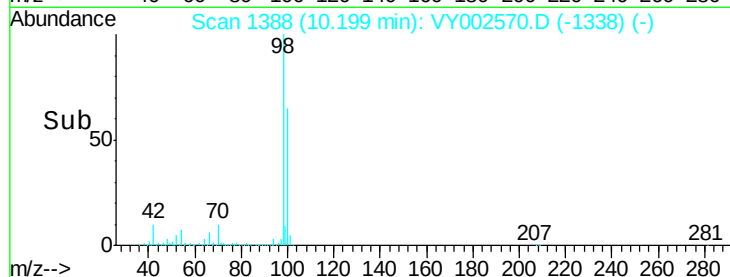
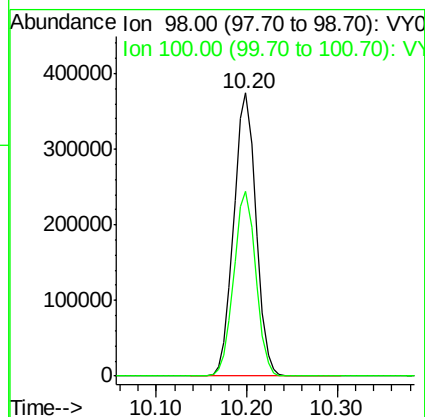
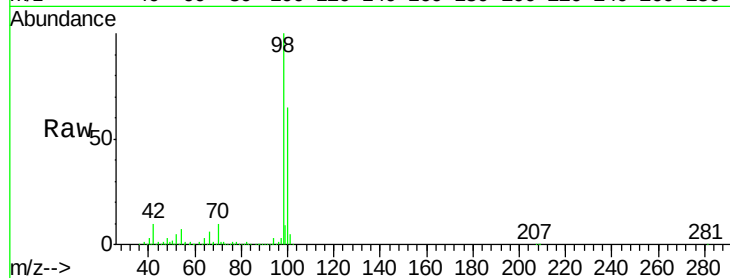
FK-GF-03-009-B

Tot Ion: 98 Resp: 636362

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 50.066 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002570.D

Acq: 05 May 2020 03:27

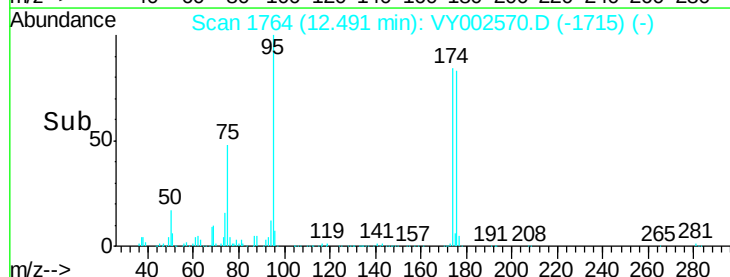
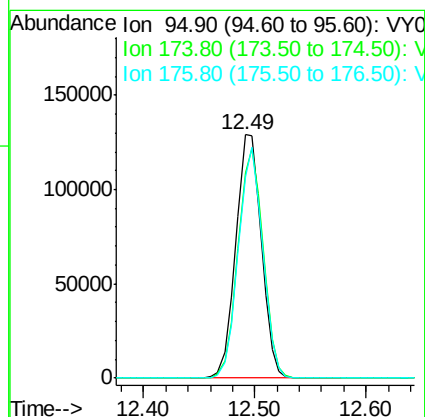
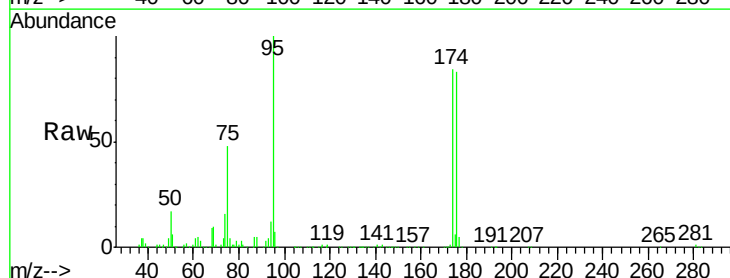
Tgt Ion: 95 Resp: 205341

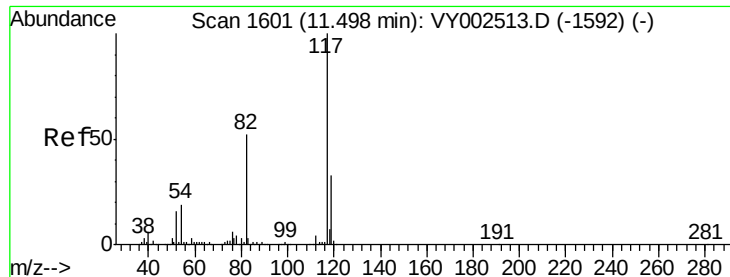
Ion Ratio Lower Upper

95 100

174 92.4 0.0 188.8

176 90.1 0.0 183.2

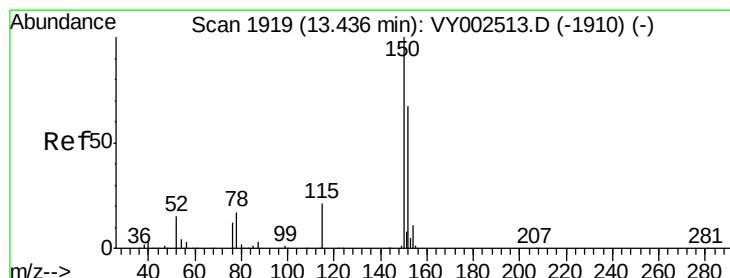
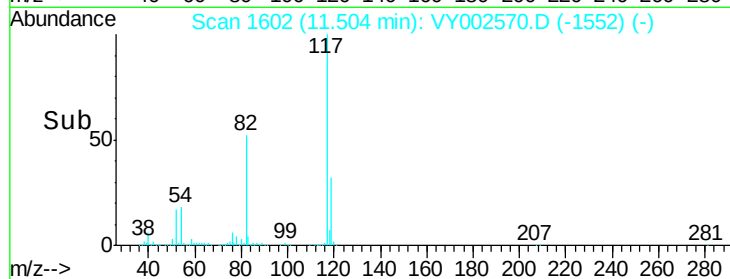
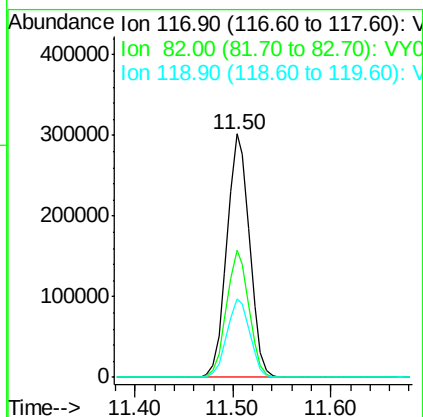
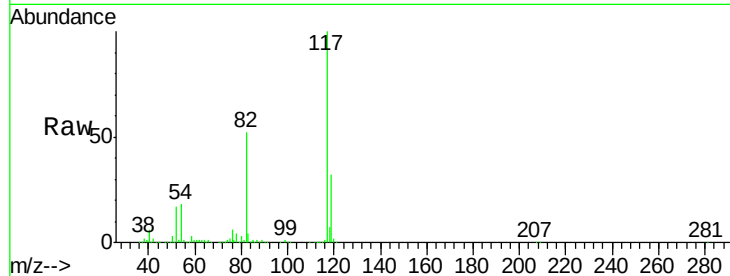




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002570.D
Acq: 05 May 2020 03:27

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-03-009-B

Tot Ion:117 Resp: 484376
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002570.D
Acq: 05 May 2020 03:27

Tgt Ion:152 Resp: 230557
Ion Ratio Lower Upper
152 100
115 54.0 27.5 82.4
150 155.8 0.0 346.4

