

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002572.D
 Acq On : 05 May 2020 04:12
 Operator : SY/MD
 Sample : L2476-04
 Misc : 5.54G/5ML/MSVOA Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-03-008-B

Quant Time: May 05 09:23:46 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	342252	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	549098	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	487768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	225379	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	162140	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
35) Dibromofluoromethane	7.75	113	166034	52.87	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	10.20	98	642135	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.50	95	203132	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

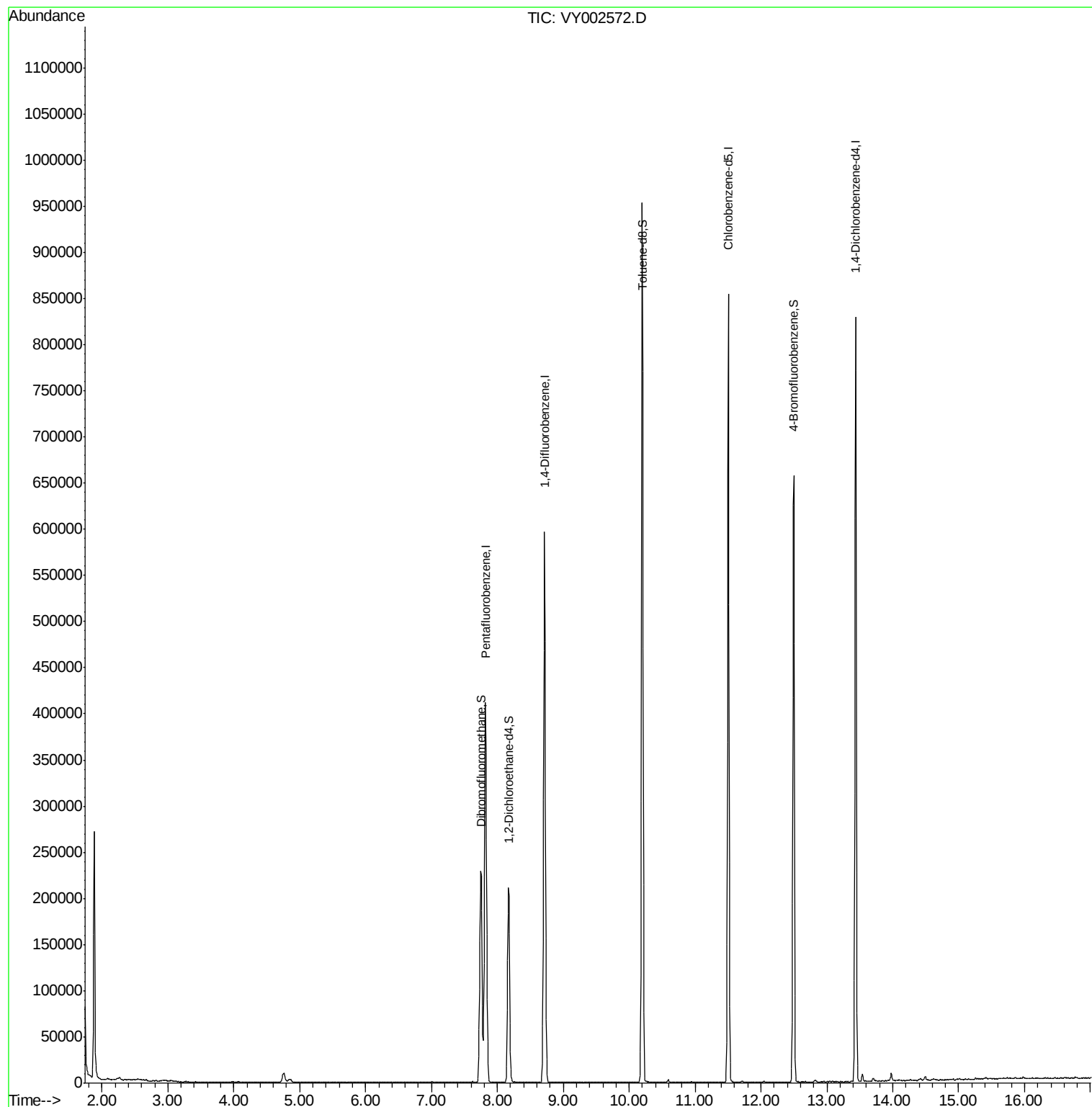
Target Compounds	Qvalue

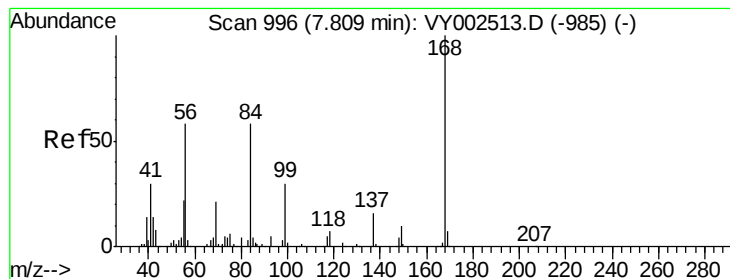
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002572.D

Acq: 05 May 2020 04:12

Instrument :

MSVOA_Y

ClientSampleId :

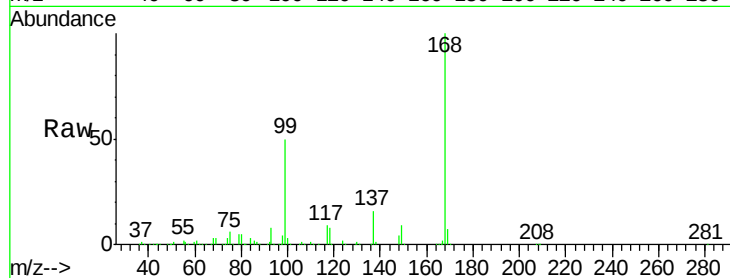
FK-GF-03-008-B

Tot Ion:168 Resp: 342252

Ion Ratio Lower Upper

168 100

99 49.7 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) (-)

7.82

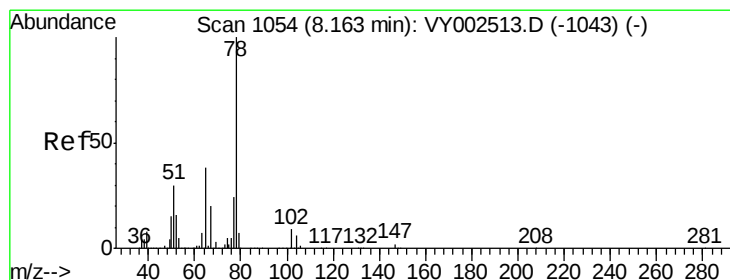
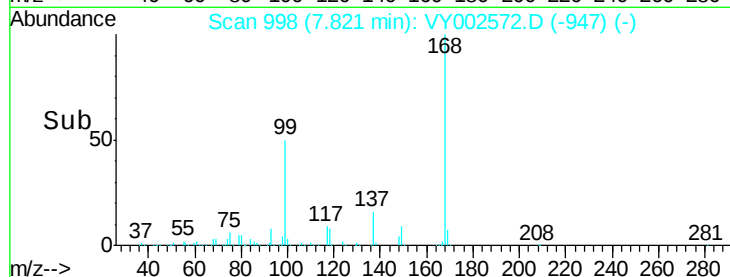
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.343 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002572.D

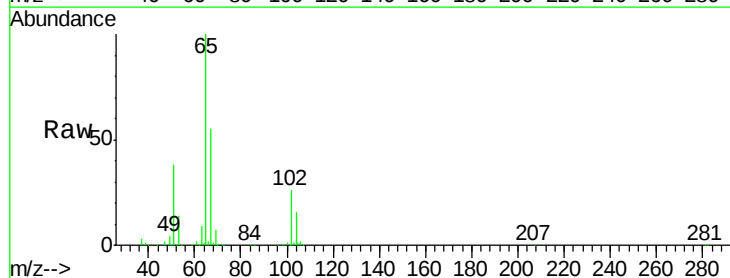
Acq: 05 May 2020 04:12

Tgt Ion: 65 Resp: 162140

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) (-)

8.17

80000

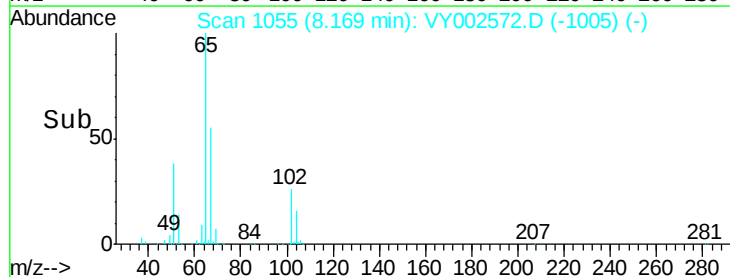
60000

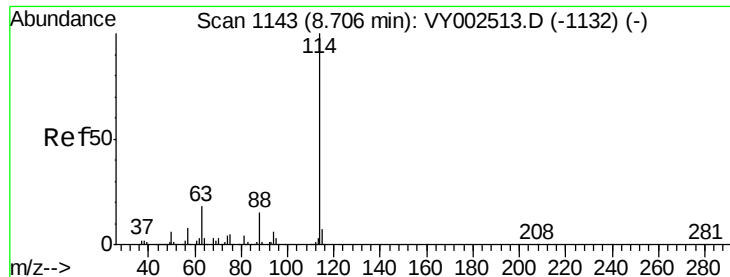
40000

20000

0

Time-->

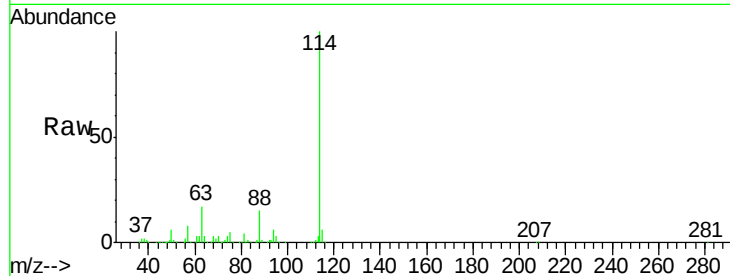




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY002572.D
 Acq: 05 May 2020 04:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-03-008-B

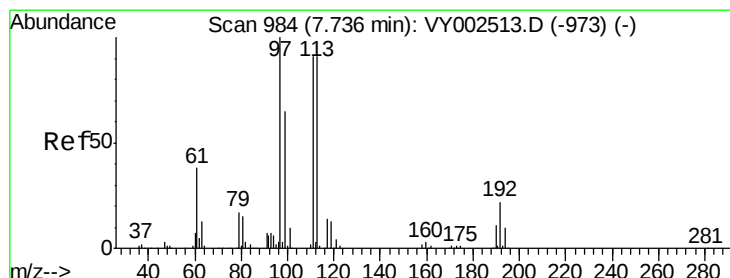
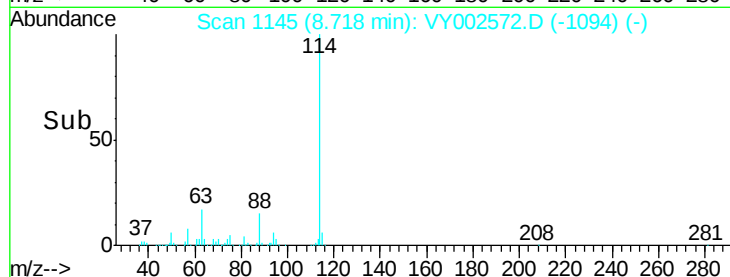
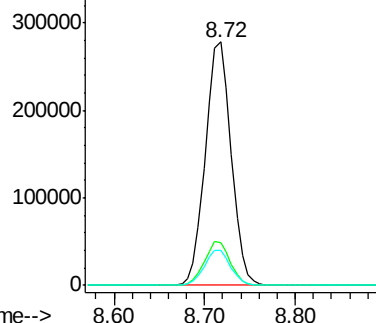
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.4
88	14.6	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

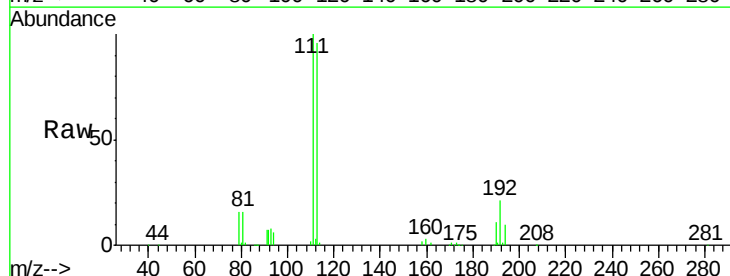
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 52.872 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002572.D
 Acq: 05 May 2020 04:12

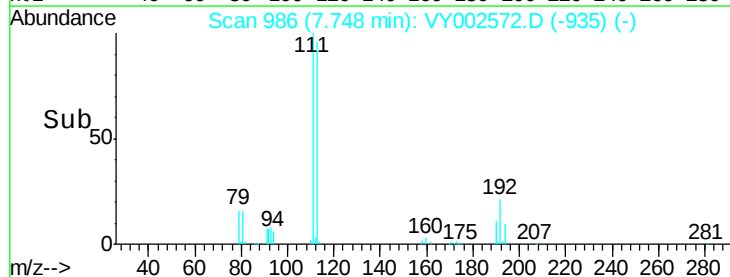
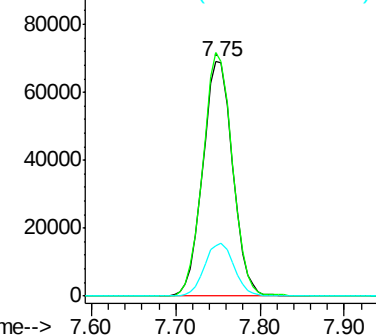
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	22.2	18.2	27.4

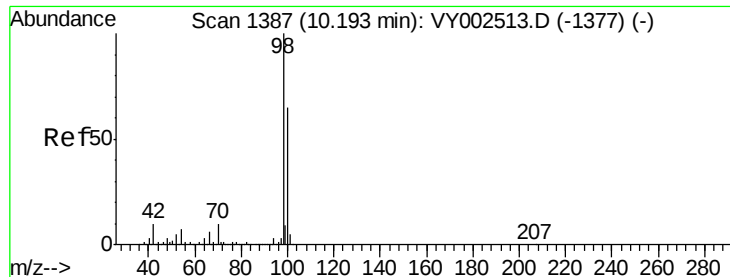


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.362 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002572.D

Acq: 05 May 2020 04:12

Instrument :

MSVOA_Y

ClientSampleId :

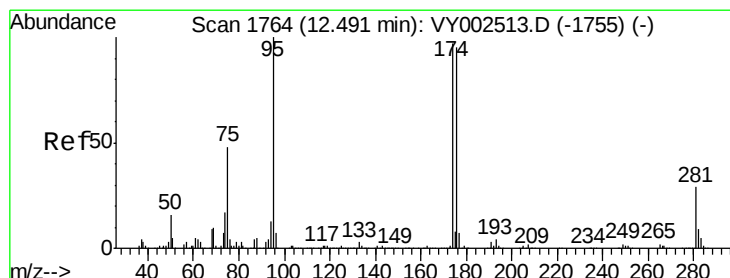
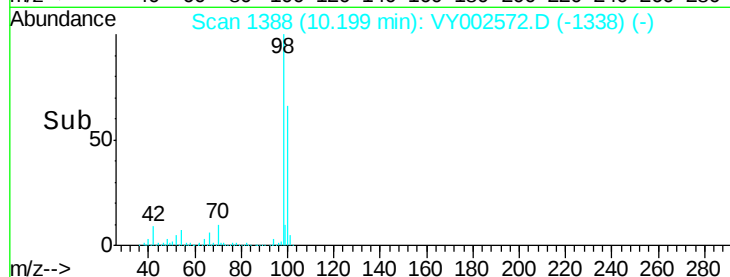
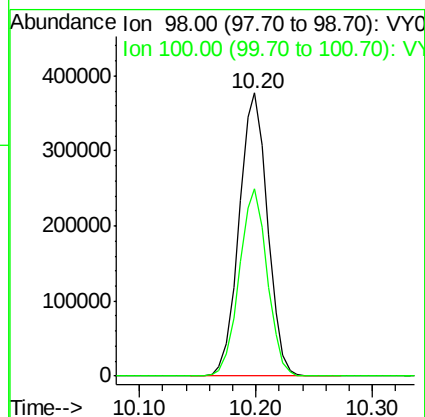
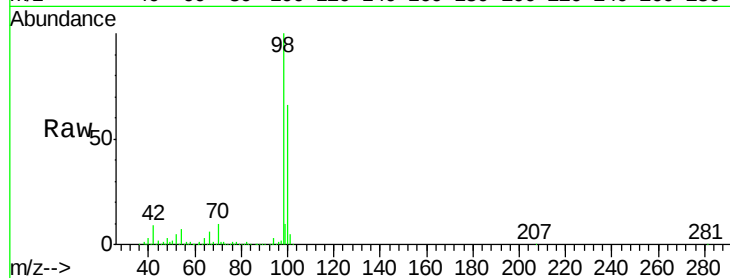
FK-GF-03-008-B

Tot Ion: 98 Resp: 642135

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.815 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002572.D

Acq: 05 May 2020 04:12

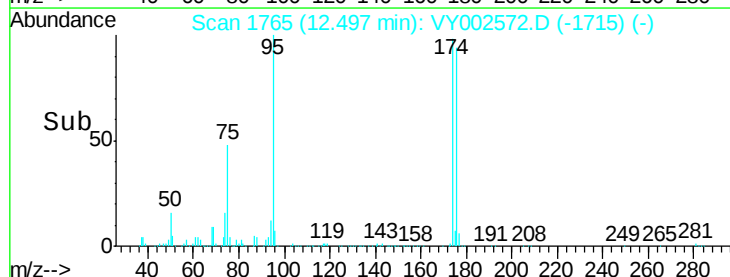
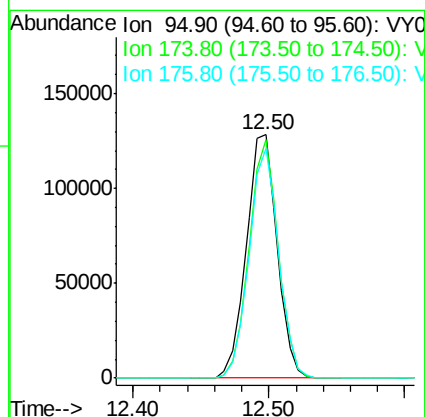
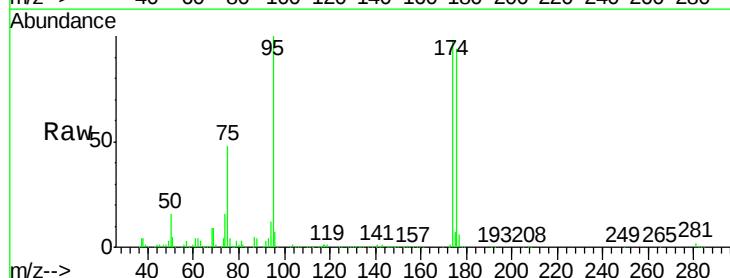
Tgt Ion: 95 Resp: 203132

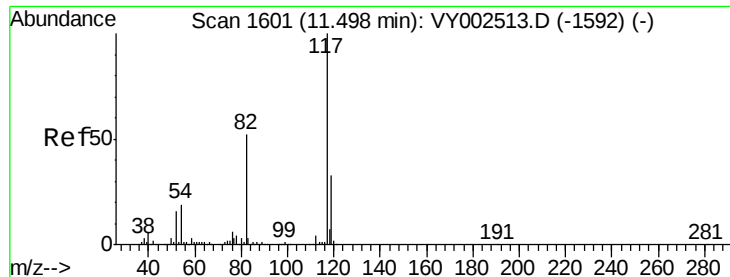
Ion Ratio Lower Upper

95 100

174 93.3 0.0 188.8

176 90.5 0.0 183.2

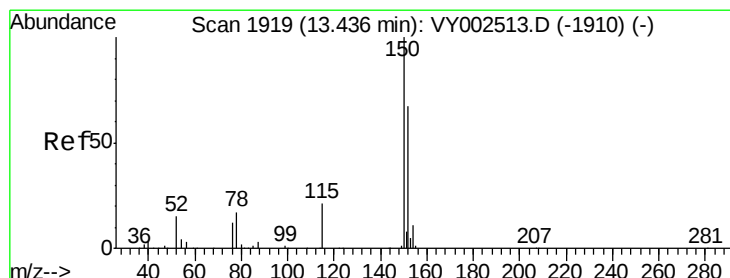
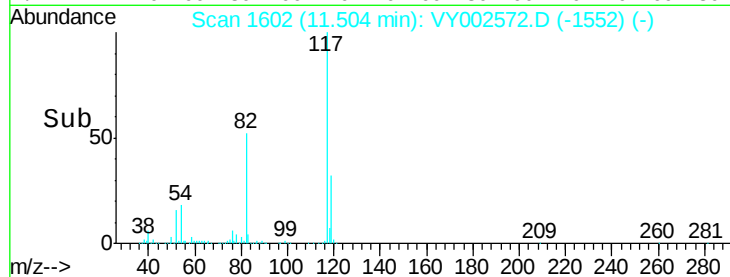
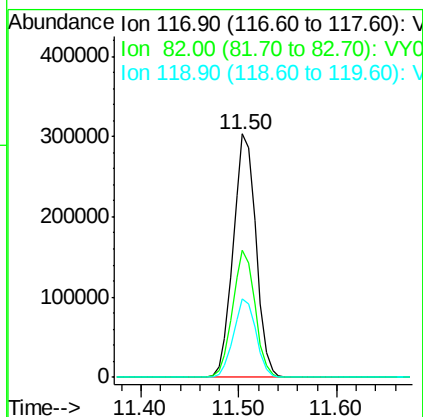
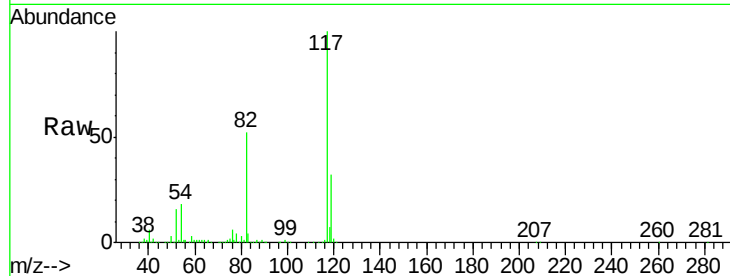




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002572.D
Acq: 05 May 2020 04:12

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-03-008-B

Tot Ion:117 Resp: 487768
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 32.0 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: VY002572.D
Acq: 05 May 2020 04:12

Tgt Ion:152 Resp: 225379
Ion Ratio Lower Upper
152 100
115 54.5 27.5 82.4
150 157.7 0.0 346.4

