

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002547.D
 Acq On : 04 May 2020 17:32
 Operator : SY/MD
 Sample : L2452-05
 Misc : 6.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 227

Quant Time: May 05 08:21:05 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	288051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	470811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	426485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207026	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	145510	60.08	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	120.16%	
35) Dibromofluoromethane	7.73	113	145489	54.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.06%	
50) Toluene-d8	10.19	98	552961	52.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.49	95	179809	50.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.80%	

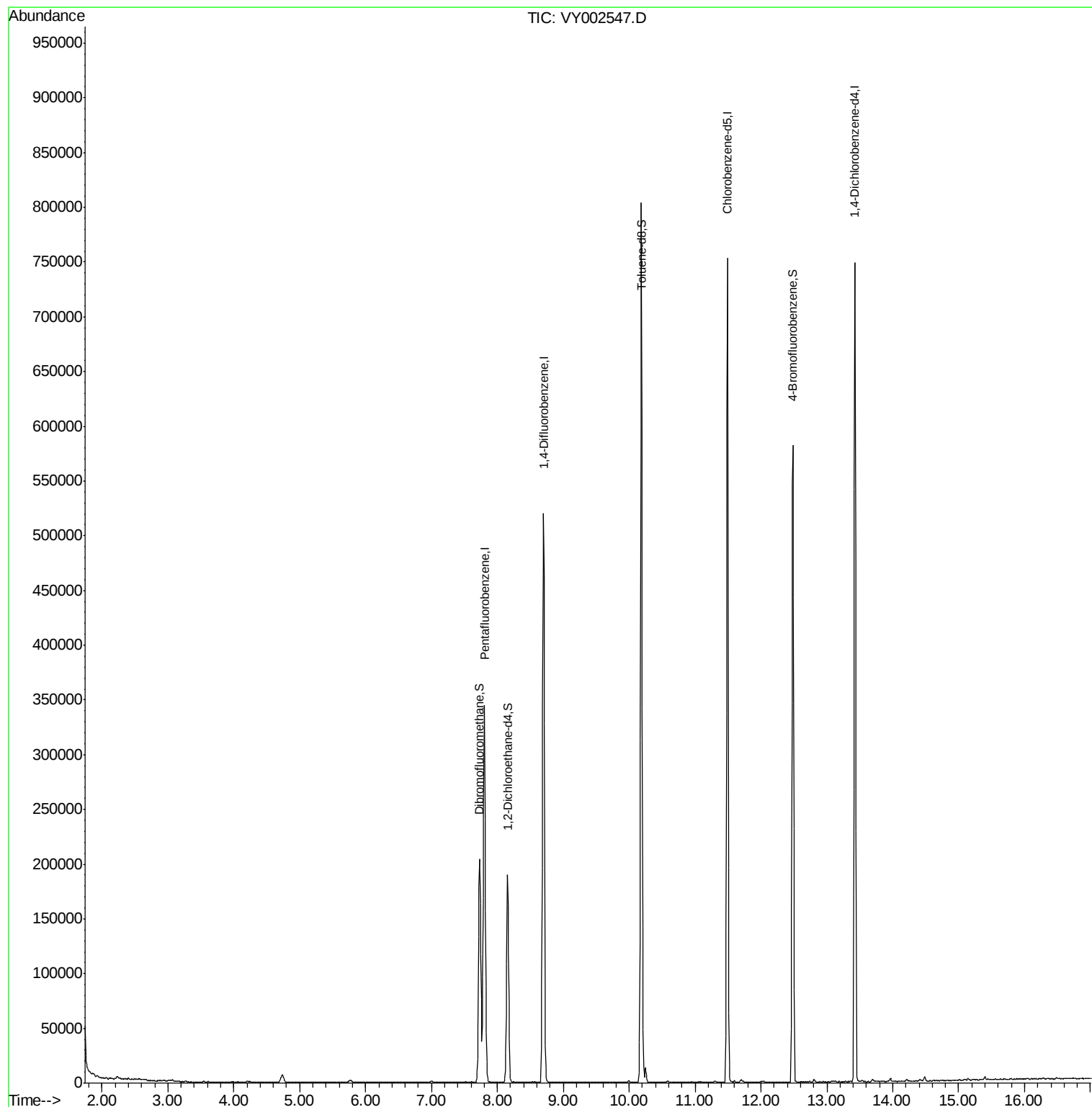
Target Compounds	Qvalue
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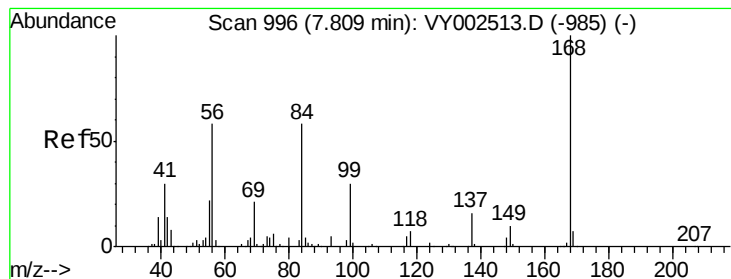
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002547.D

Acq: 04 May 2020 17:32

Instrument :

MSVOA_Y

ClientSampled :

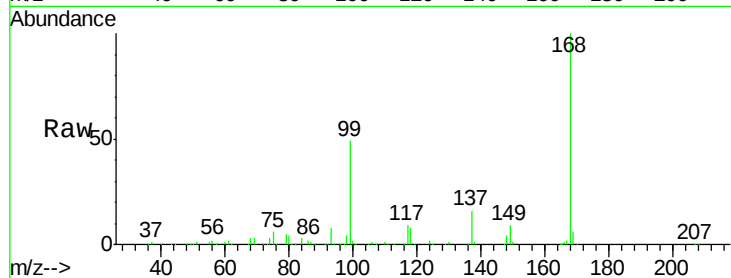
227

Tot Ion:168 Resp: 288051

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

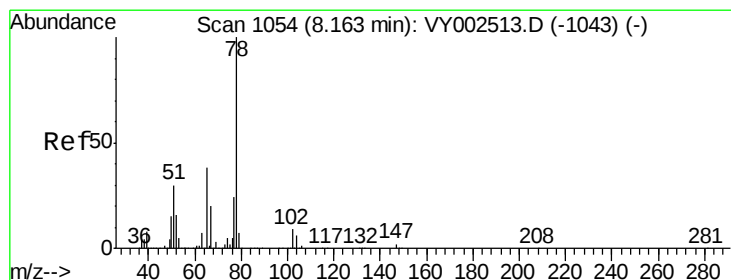
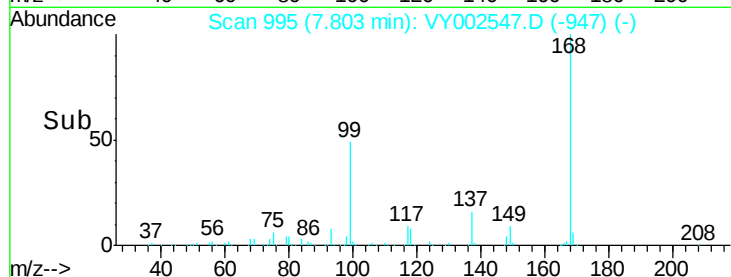
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.079 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002547.D

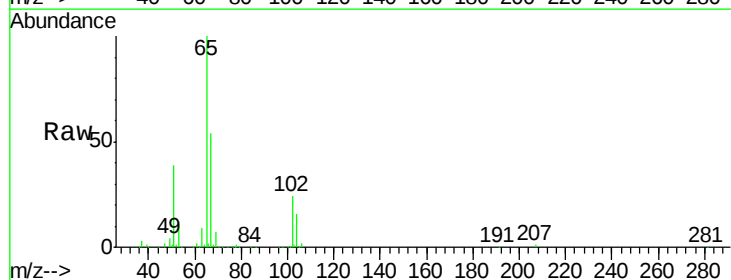
Acq: 04 May 2020 17:32

Tgt Ion: 65 Resp: 145510

Ion Ratio Lower Upper

65 100

67 54.2 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

60000

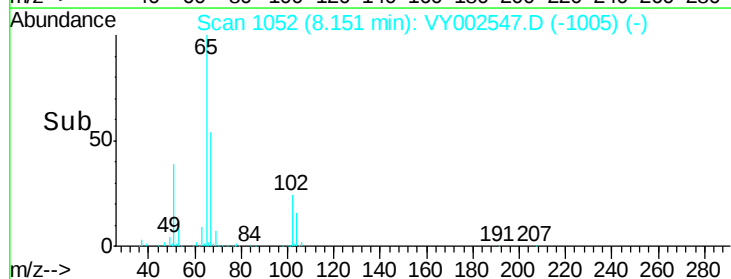
40000

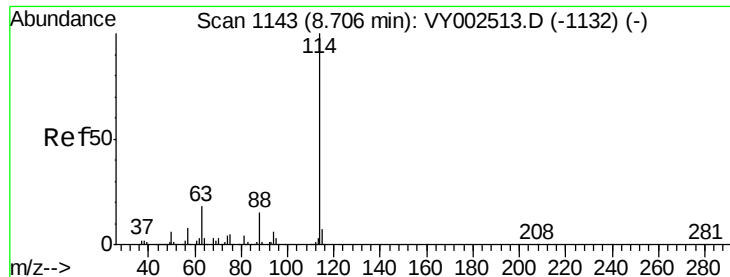
20000

0

8.10 8.20 8.30

Time-->

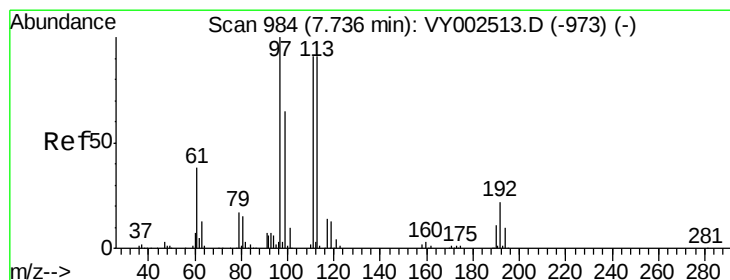
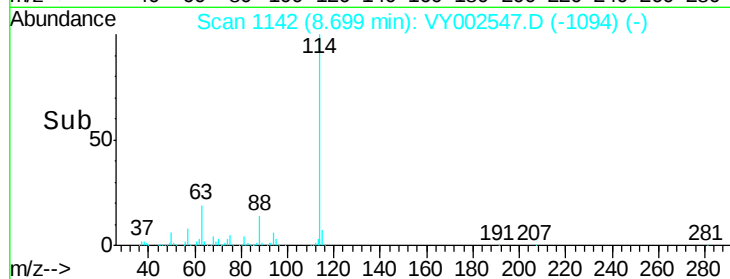
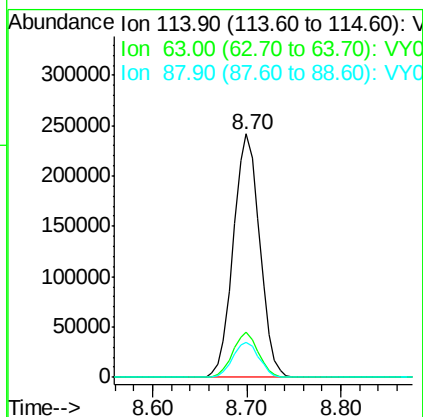
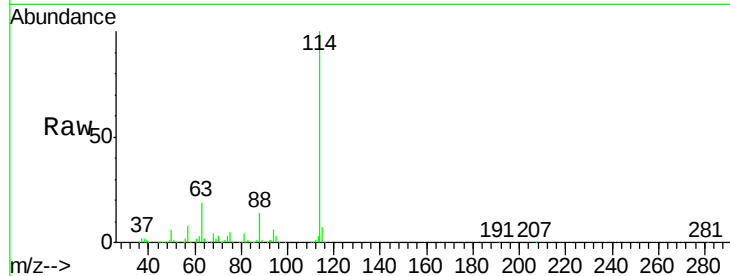




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002547.D
 Acq: 04 May 2020 17:32

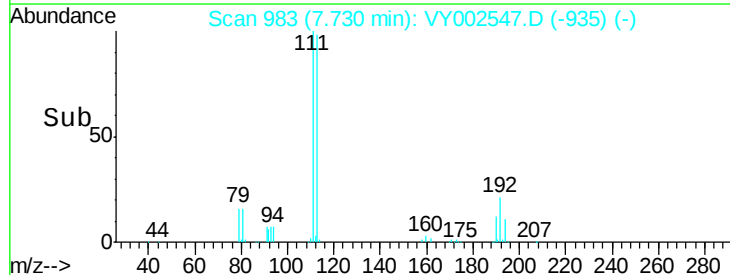
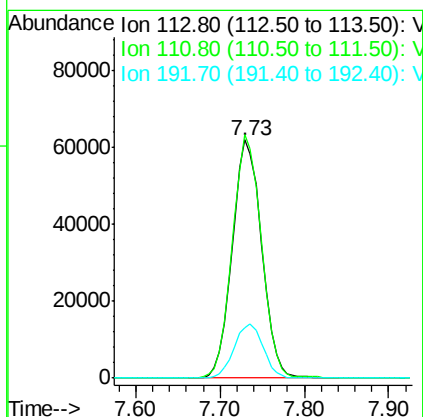
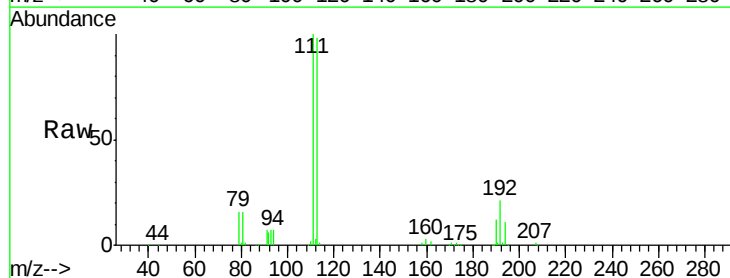
Instrument :
 MSVOA_Y
 ClientSampleId :
 227

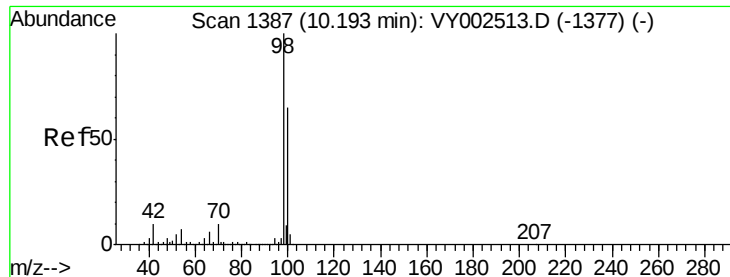
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.4
88	14.2	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 54.033 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002547.D
 Acq: 04 May 2020 17:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.6
192	22.6	18.2	27.4





#50

Toluene-d8

Concen: 52.588 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002547.D

Acq: 04 May 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

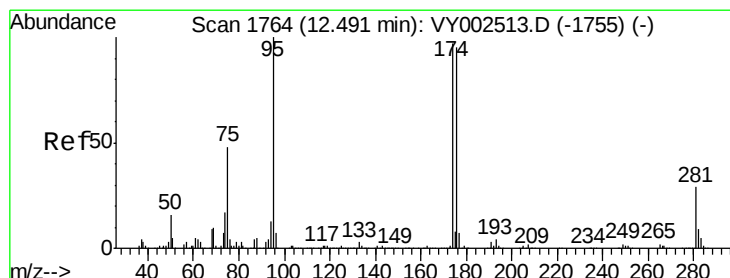
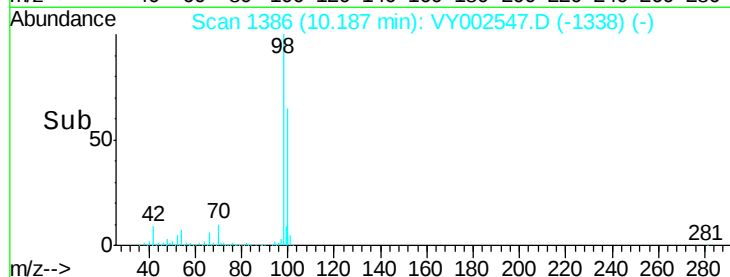
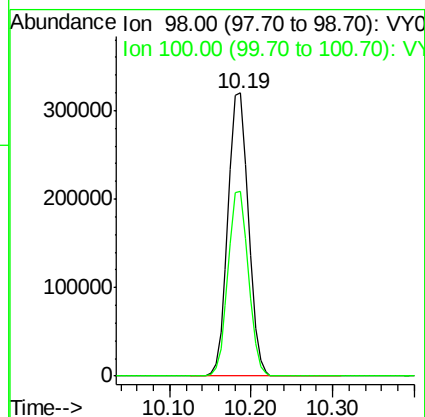
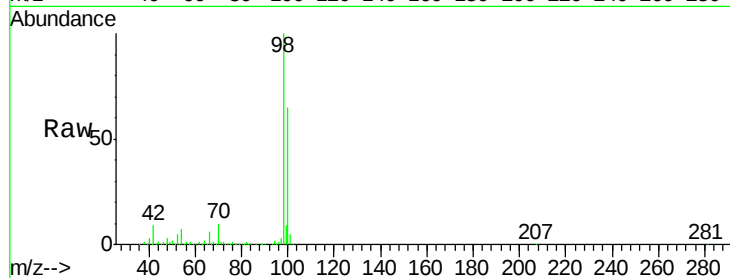
227

Tot Ion: 98 Resp: 552961

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 50.395 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002547.D

Acq: 04 May 2020 17:32

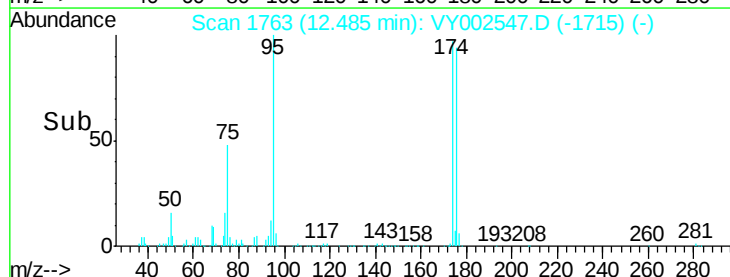
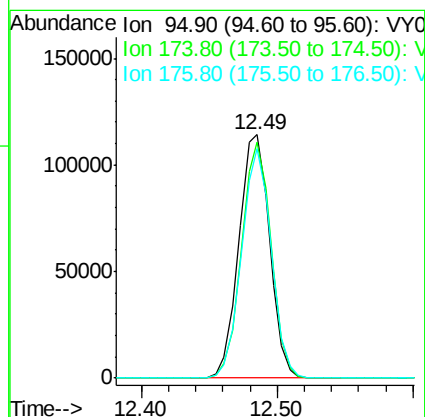
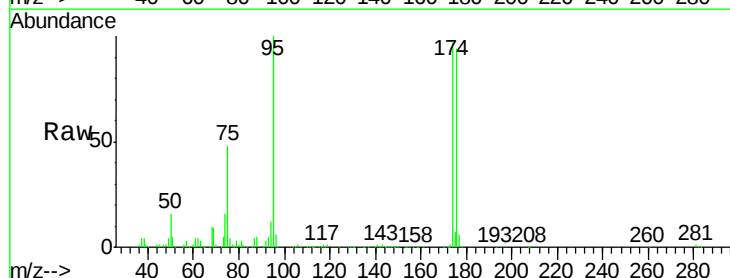
Tgt Ion: 95 Resp: 179809

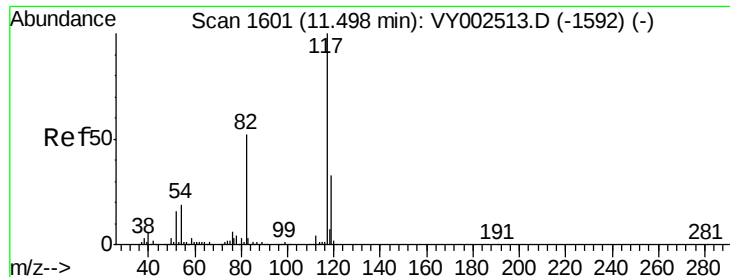
Ion Ratio Lower Upper

95 100

174 93.4 0.0 188.8

176 90.8 0.0 183.2

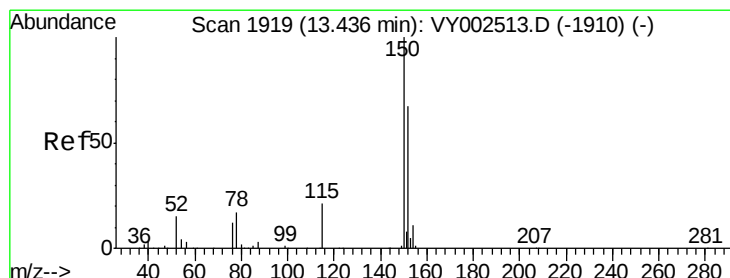
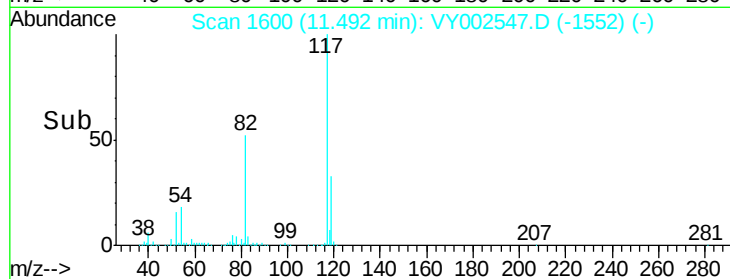
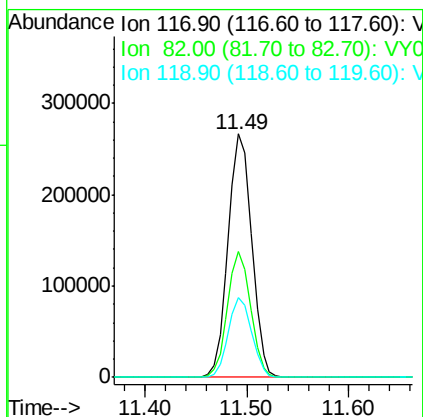
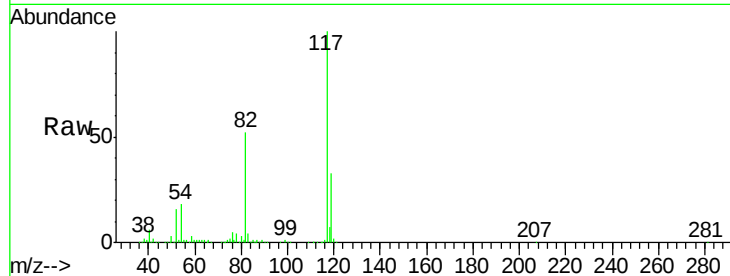




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002547.D
Acq: 04 May 2020 17:32

Instrument :
MSVOA_Y
ClientSampleId :
227

Tot Ion:117 Resp: 426485
Ion Ratio Lower Upper
117 100
82 51.8 41.3 61.9
119 32.9 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: VY002547.D
Acq: 04 May 2020 17:32

Tgt Ion:152 Resp: 207026
Ion Ratio Lower Upper
152 100
115 55.3 27.5 82.4
150 156.8 0.0 346.4

