

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002536.D
 Acq On : 04 May 2020 13:26
 Operator : SY/MD
 Sample : L2452-03
 Misc : 5.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 224

Quant Time: May 05 07:47:16 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	312550	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	510642	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	443698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	203614	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	155181	59.05	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	118.10%	
35) Dibromofluoromethane	7.72	113	155746	53.33	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	106.66%	
50) Toluene-d8	10.18	98	590468	51.78	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.48	95	184625	47.71	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	95.42%	

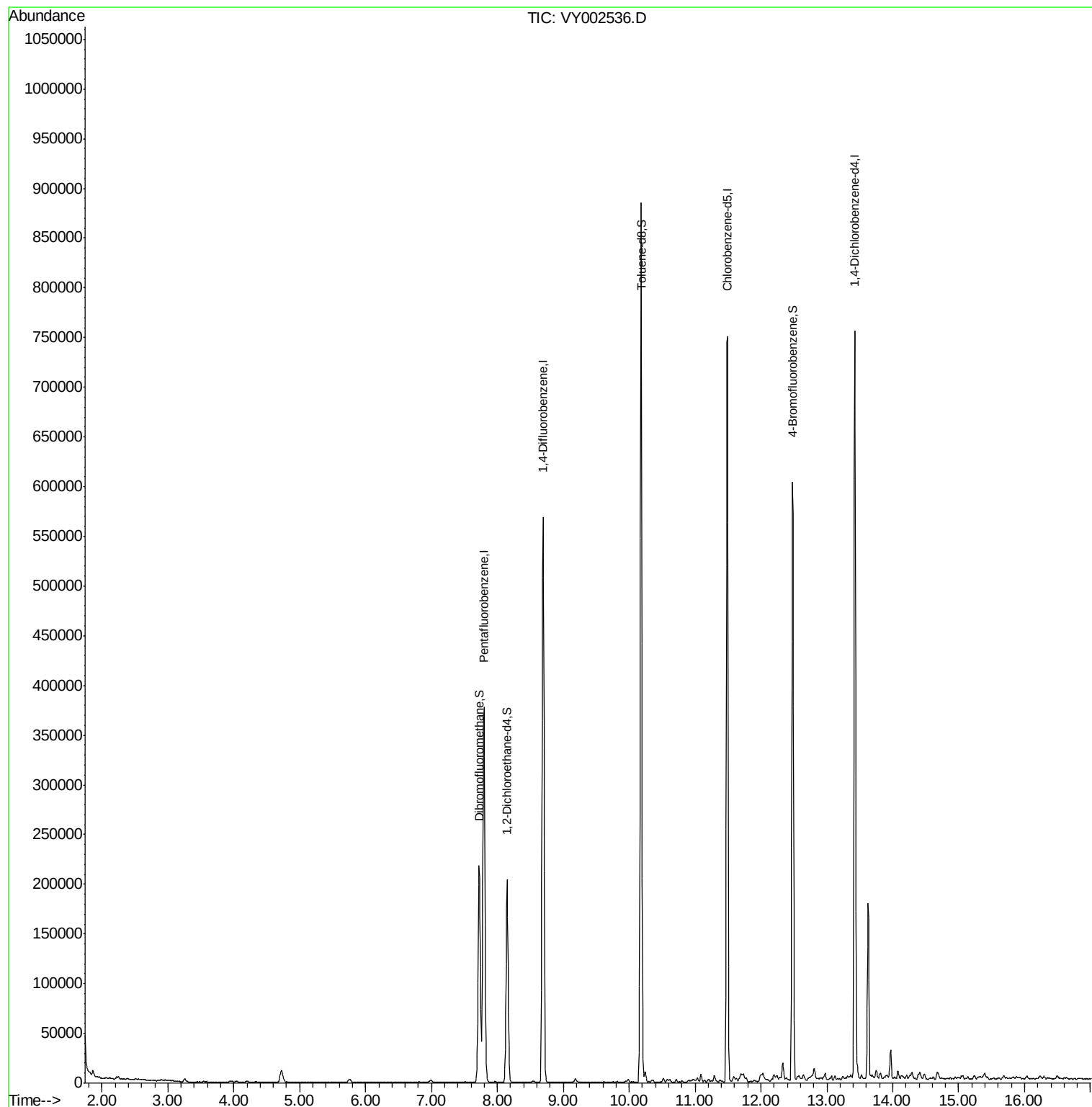
Target Compounds	Qvalue
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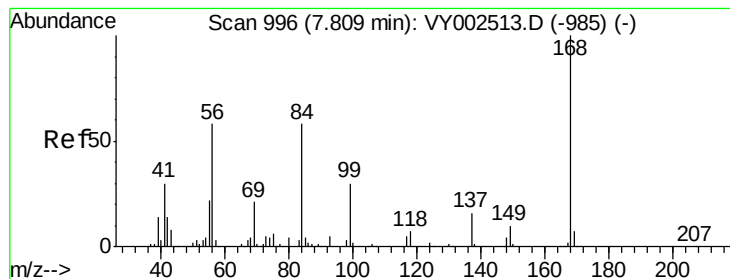
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

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Instrument :

MSVOA_Y

ClientSampleId :

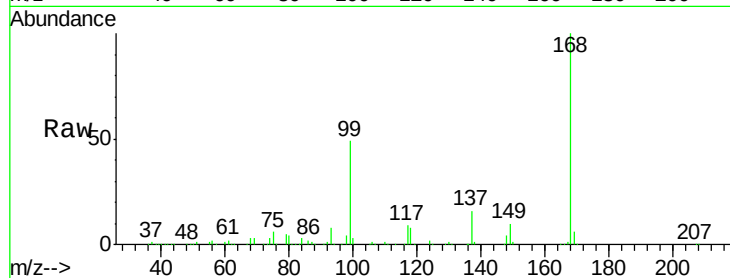
224

Tot Ion:168 Resp: 312550

Ion Ratio Lower Upper

168 100

99 48.8 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

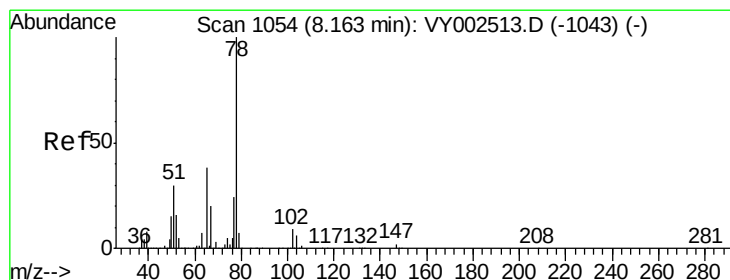
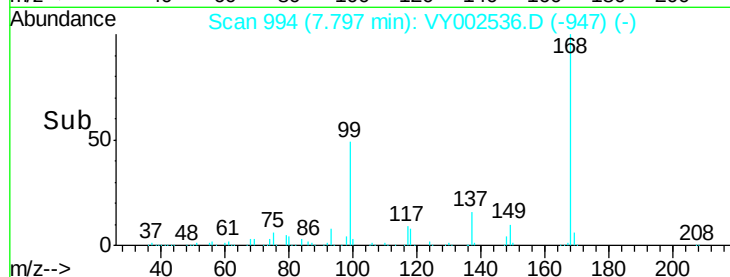
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.050 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.02 min

Lab File: VY002536.D

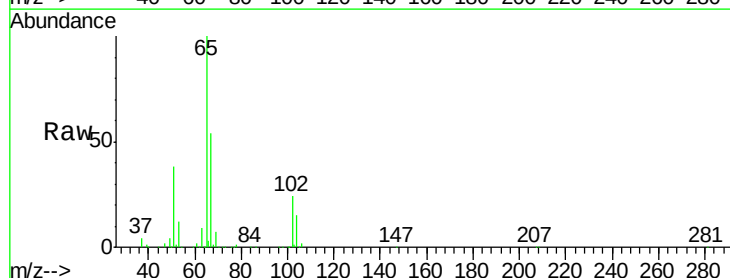
Acq: 04 May 2020 13:26

Tgt Ion: 65 Resp: 155181

Ion Ratio Lower Upper

65 100

67 54.6 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) (-)

8.14

80000

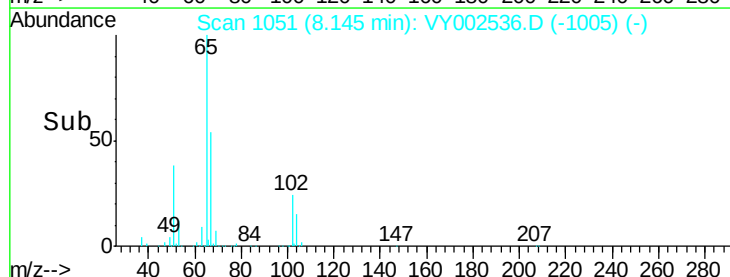
60000

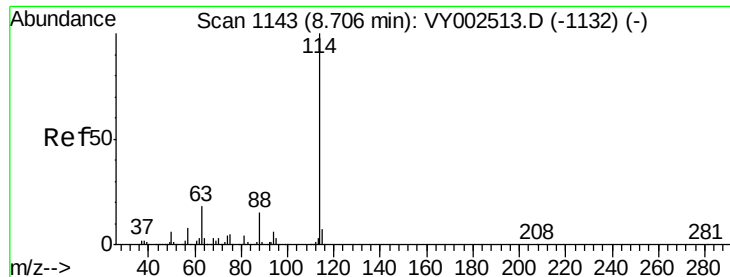
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002536.D

Acq: 04 May 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

224

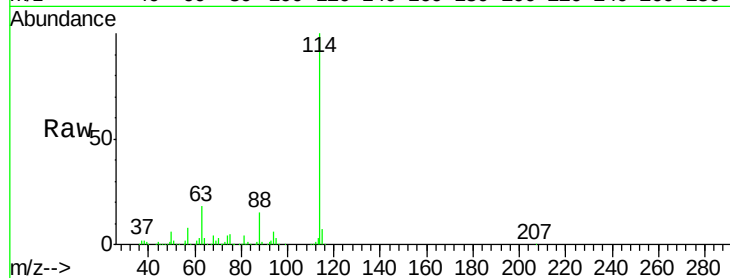
Tot Ion:114 Resp: 510642

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.4

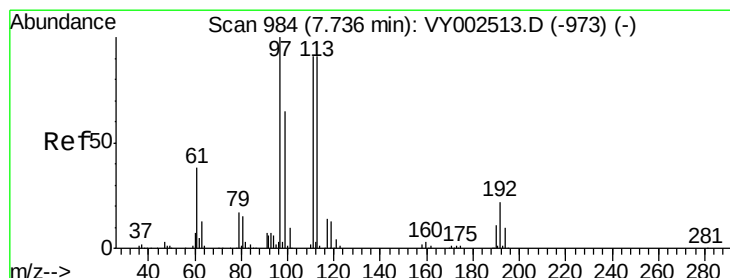
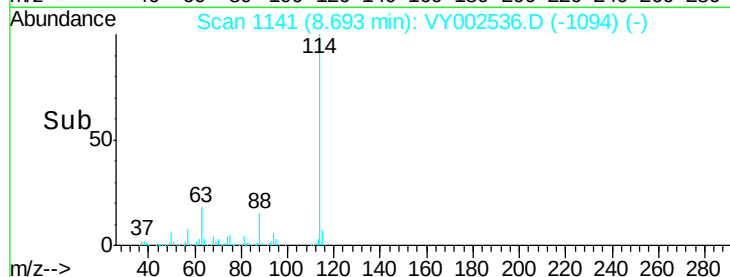
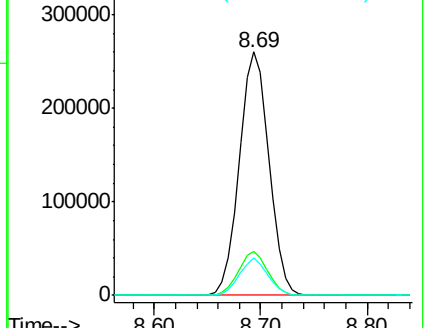
88 15.2 0.0 29.6



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: 53.331 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002536.D

Acq: 04 May 2020 13:26

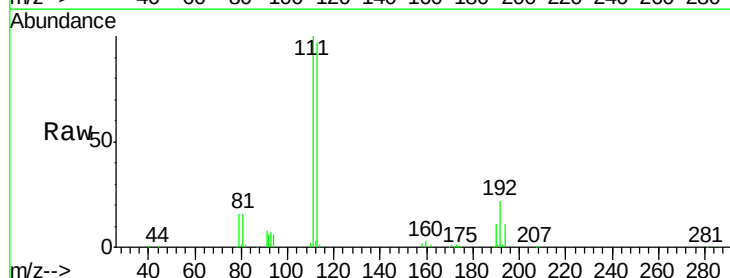
Tgt Ion:113 Resp: 155746

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

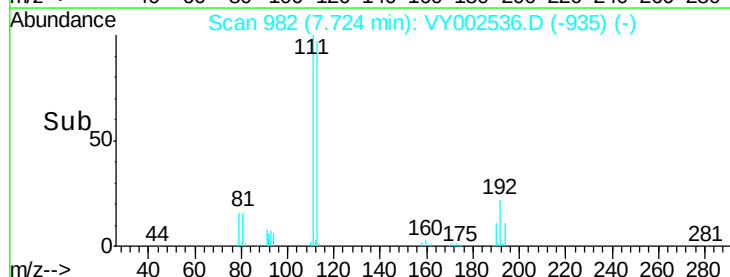
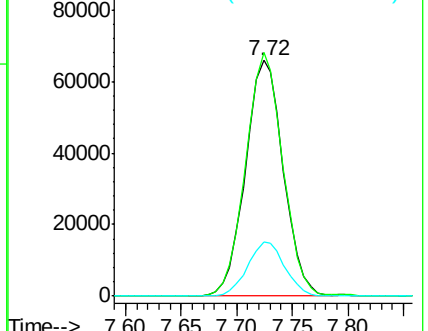
192 22.6 18.2 27.4

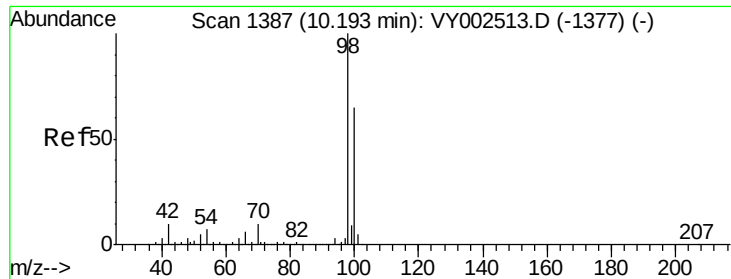


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.775 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002536.D

Acq: 04 May 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

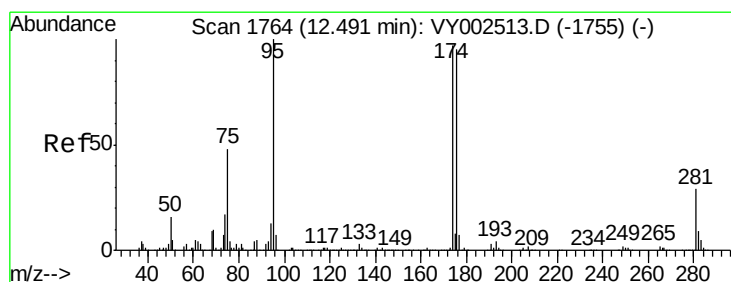
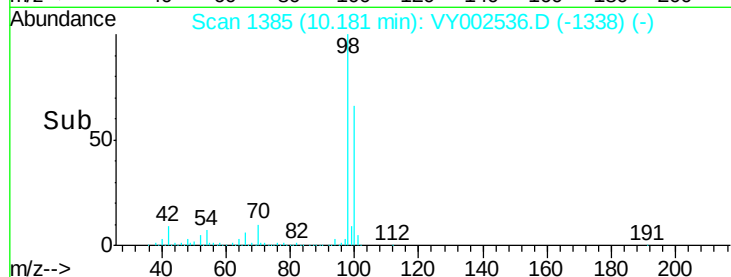
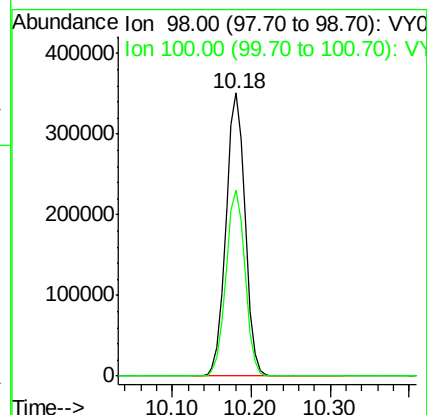
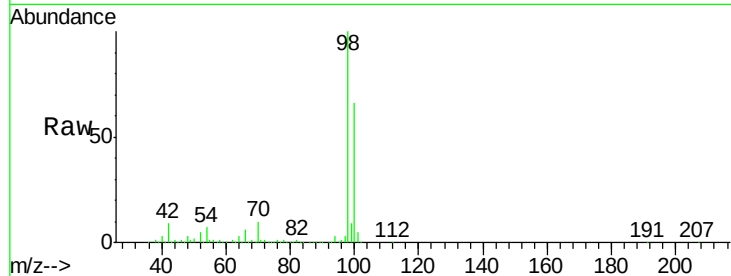
224

Tot Ion: 98 Resp: 590468

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.709 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002536.D

Acq: 04 May 2020 13:26

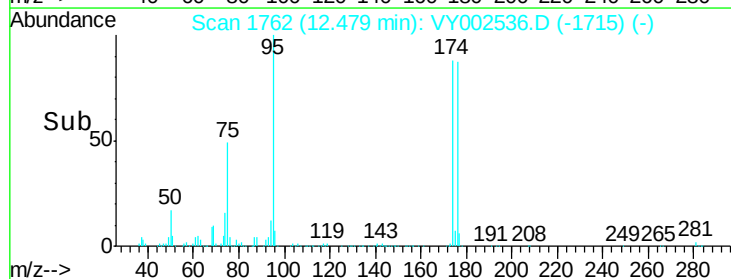
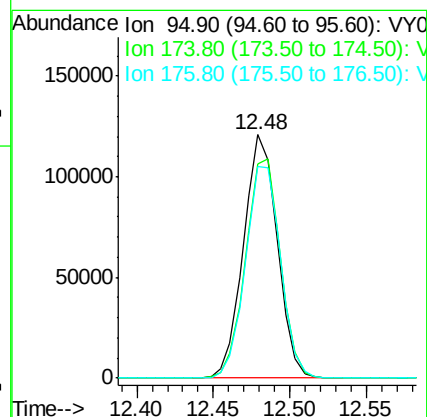
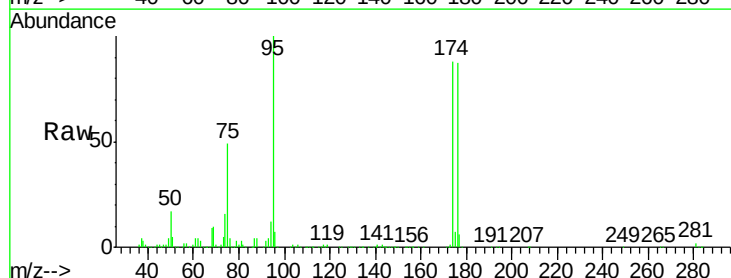
Tgt Ion: 95 Resp: 184625

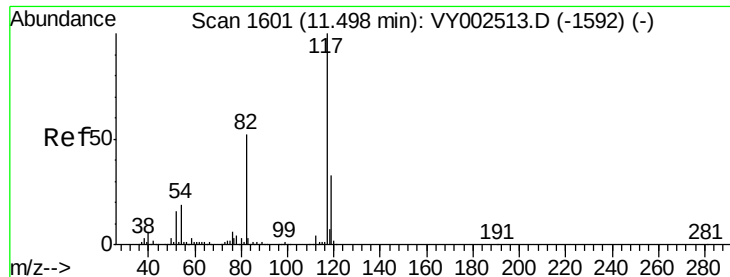
Ion Ratio Lower Upper

95 100

174 93.0 0.0 188.8

176 90.6 0.0 183.2

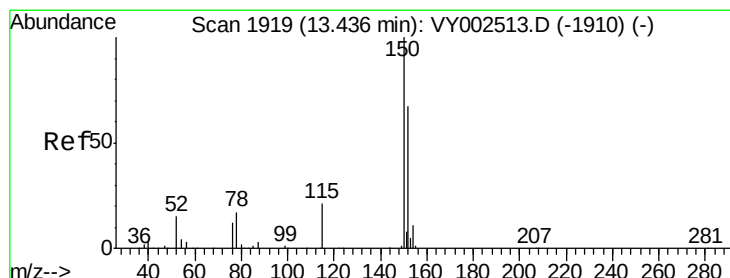
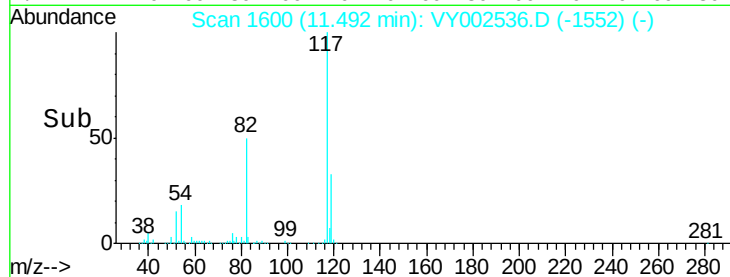
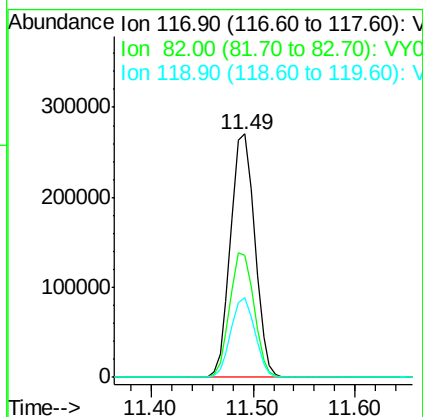
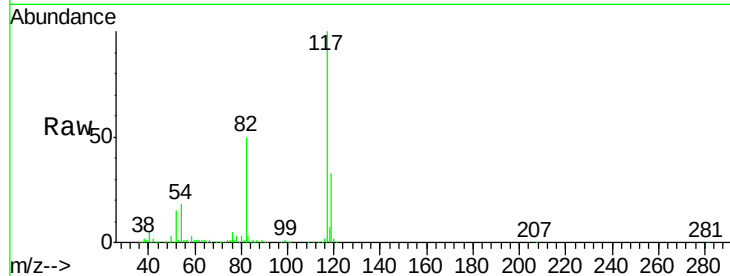




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002536.D
Acq: 04 May 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
224

Tot Ion:117 Resp: 443698
Ion Ratio Lower Upper
117 100
82 50.1 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: VY002536.D
Acq: 04 May 2020 13:26

Tgt Ion:152 Resp: 203614
Ion Ratio Lower Upper
152 100
115 55.0 27.5 82.4
150 156.5 0.0 346.4

