

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy050120\
 Data File : VY002526.D
 Acq On : 01 May 2020 13:59
 Operator : SY/MD
 Sample : L2441-02
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RECOVERED-CRUSH-AGGREGAT

Quant Time: May 07 12:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 01 18:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	299410	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	482778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207138	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	147474	58.58	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	117.16%	
35) Dibromofluoromethane	7.73	113	149764	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
50) Toluene-d8	10.18	98	567142	52.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.48	95	182184	49.80	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.60%	

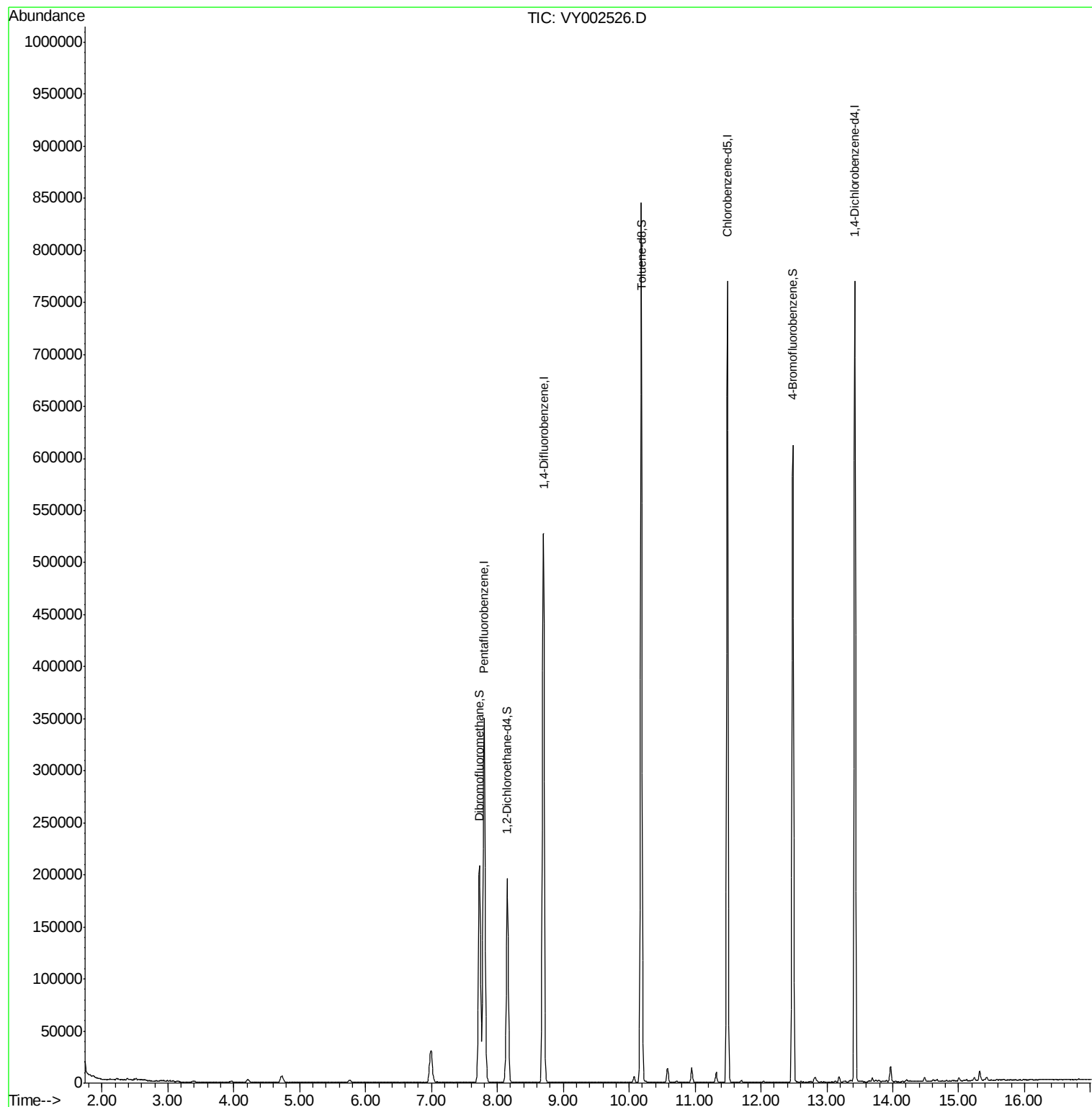
Target Compounds	Qvalue
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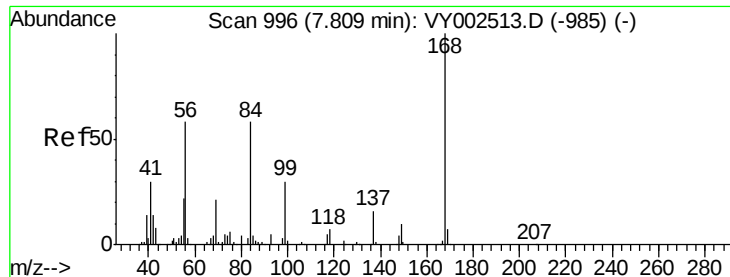
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002526.D

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Instrument :

MSVOA_Y

ClientSampleId :

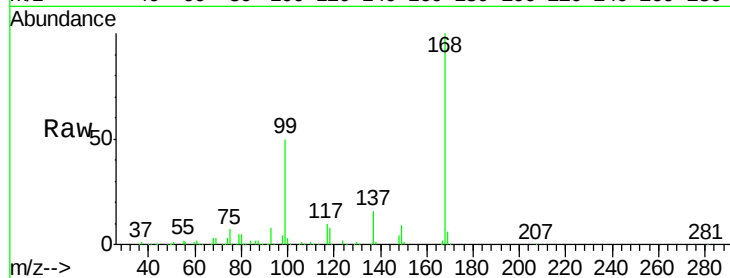
RECOVERED-CRUSH-AGGREGAT

Tgt Ion:168 Resp: 299410

Ion Ratio Lower Upper

168 100

99 50.1 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

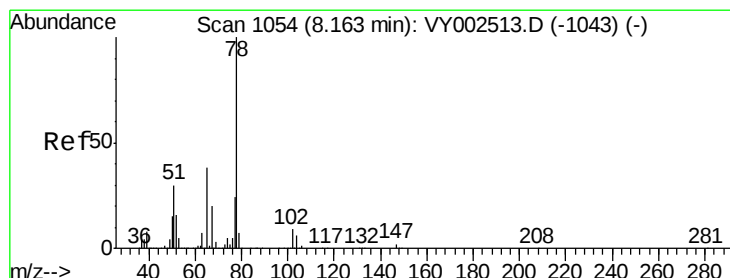
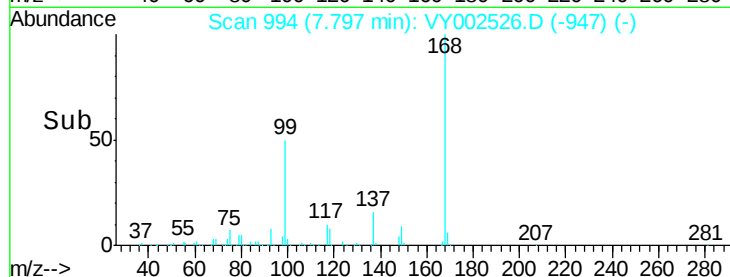
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.58 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002526.D

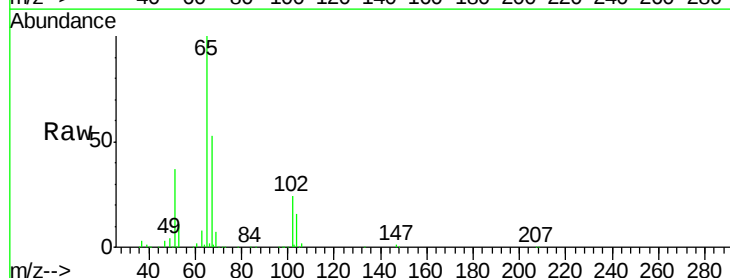
Acq: 01 May 2020 13:59

Tgt Ion: 65 Resp: 147474

Ion Ratio Lower Upper

65 100

67 53.9 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

80000

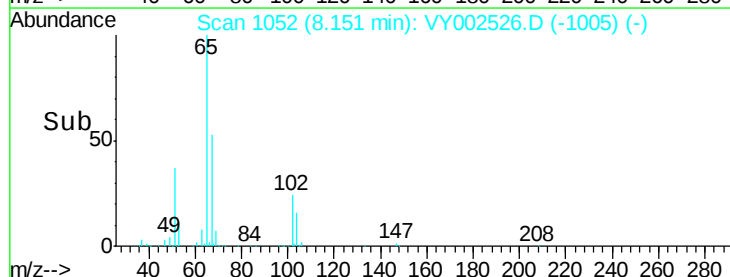
60000

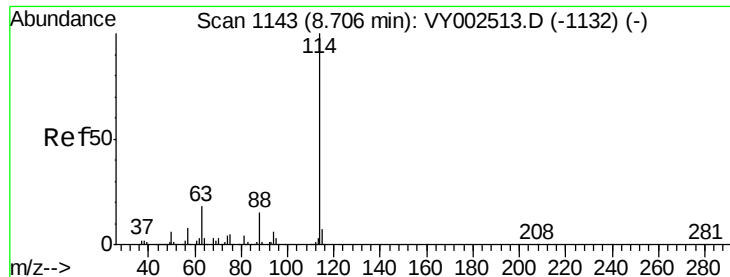
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002526.D

Acq: 01 May 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

RECOVERED-CRUSH-AGGREGAT

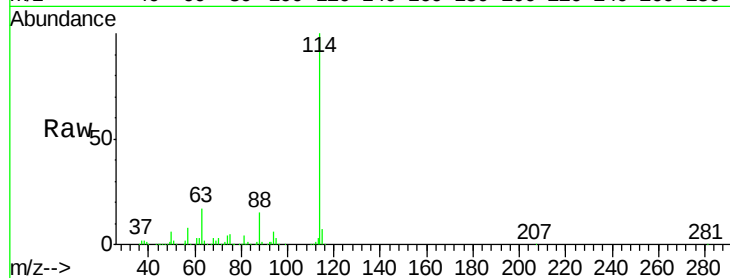
Tgt Ion:114 Resp: 482778

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.4

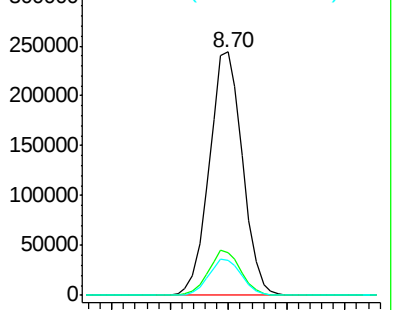
88 14.5 0.0 29.6



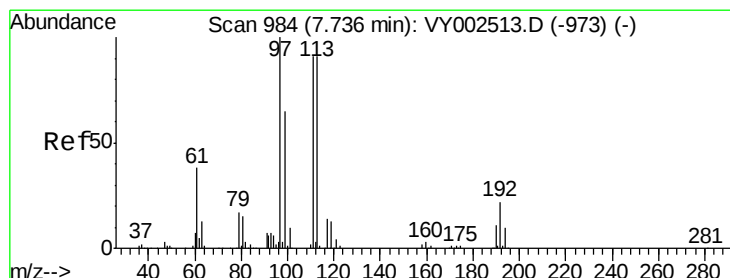
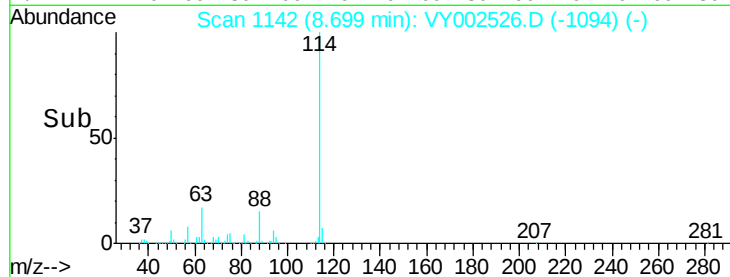
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



Time-->



#35

Dibromofluoromethane

Concen: 54.24 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002526.D

Acq: 01 May 2020 13:59

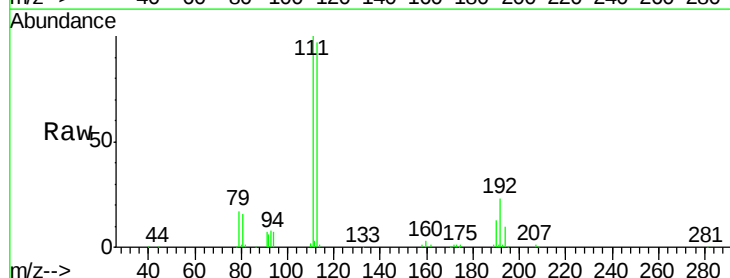
Tgt Ion:113 Resp: 149764

Ion Ratio Lower Upper

113 100

111 101.3 81.8 122.6

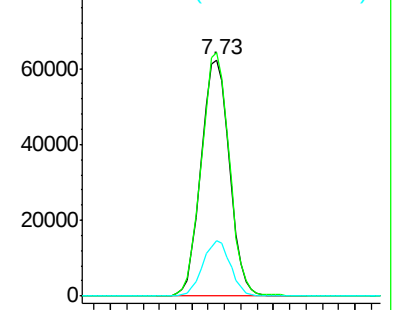
192 22.8 18.2 27.4



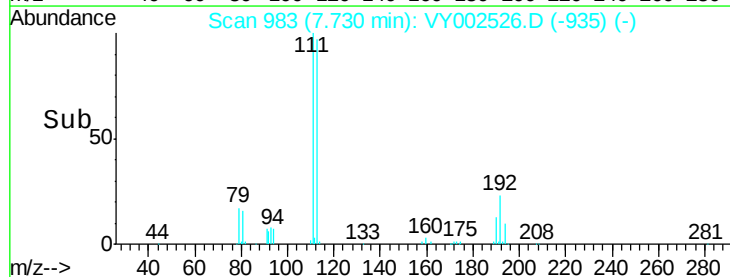
Abundance Ion 112.80 (112.50 to 113.50): V

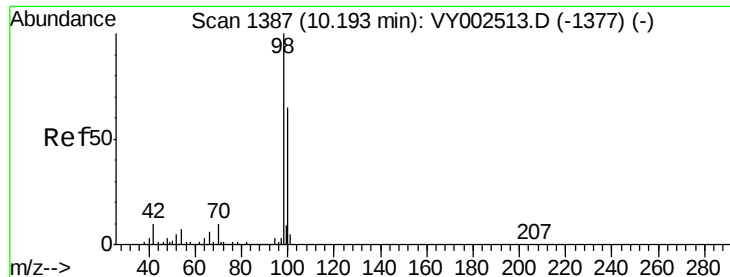
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 52.60 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002526.D

Acq: 01 May 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

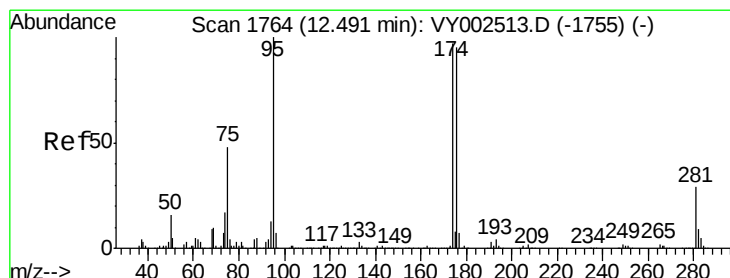
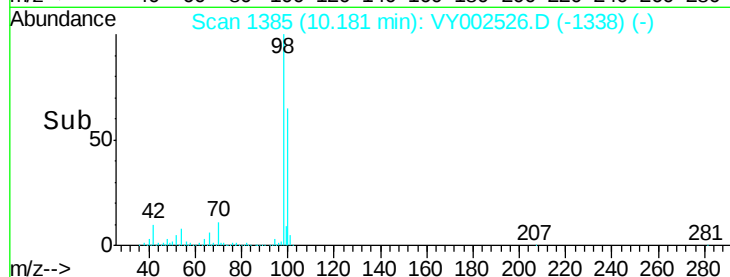
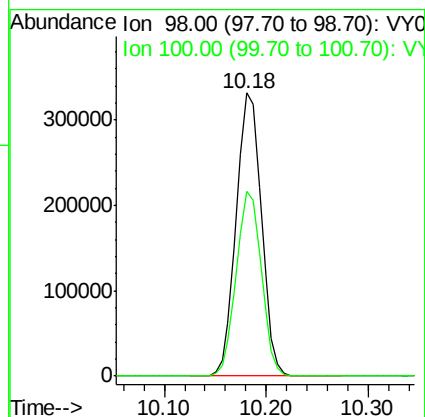
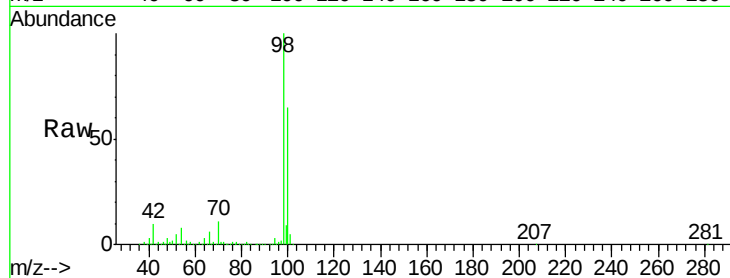
RECOVERED-CRUSH-AGGREGAT

Tgt Ion: 98 Resp: 567142

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.80 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002526.D

Acq: 01 May 2020 13:59

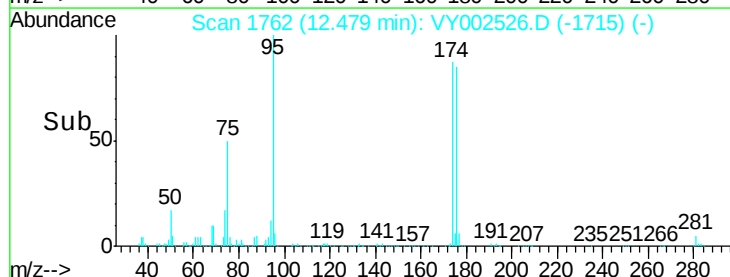
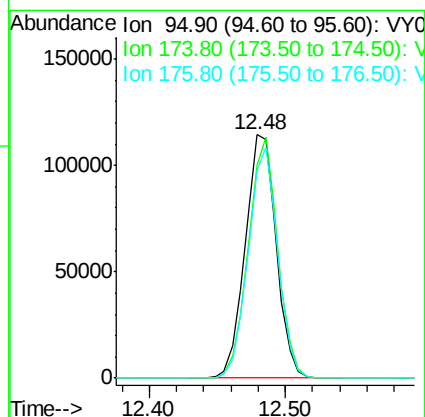
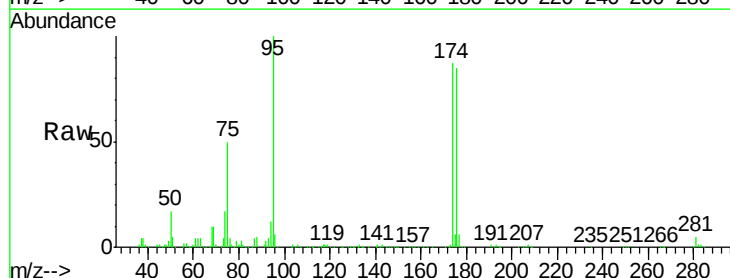
Tgt Ion: 95 Resp: 182184

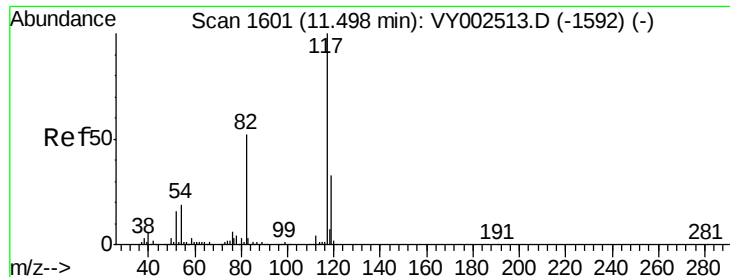
Ion Ratio Lower Upper

95 100

174 94.2 0.0 188.8

176 90.3 0.0 183.2

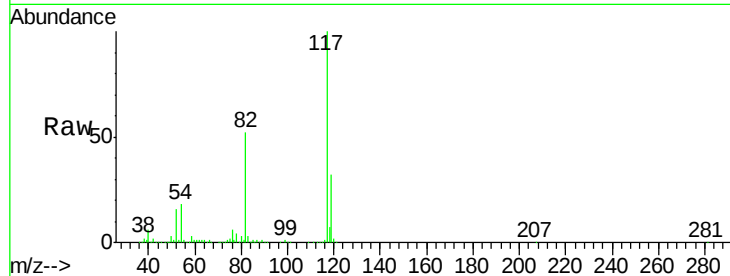




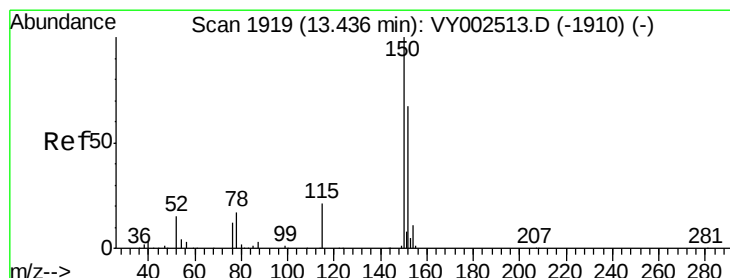
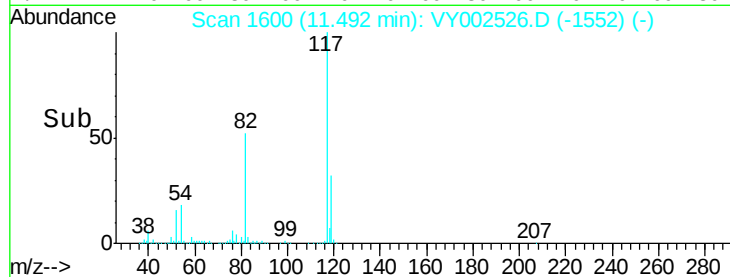
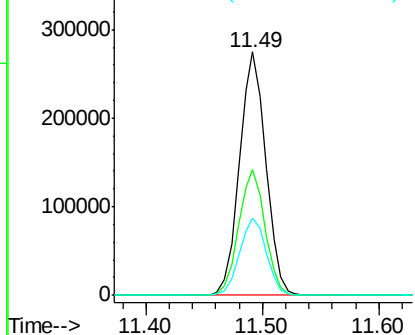
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002526.D
Acq: 01 May 2020 13:59

Instrument :
MSVOA_Y
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RECOVERED-CRUSH-AGGREGAT

Tgt Ion:117 Resp: 433417
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 31.5 26.0 39.0

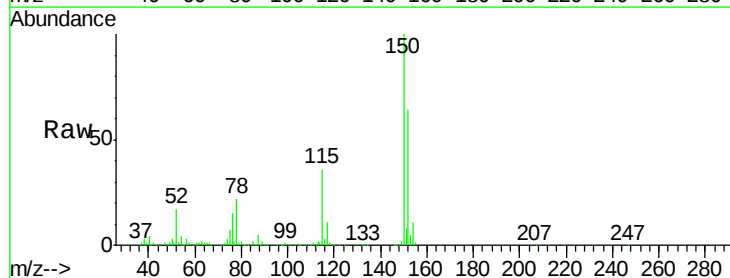


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002526.D
Acq: 01 May 2020 13:59

Tgt Ion:152 Resp: 207138
Ion Ratio Lower Upper
152 100
115 54.0 27.5 82.4
150 155.4 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

