

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002492.D
 Acq On : 28 Apr 2020 14:20
 Operator : SY/MD
 Sample : L2428-04
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-8A

Quant Time: Apr 29 00:37:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	274651	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	425132	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	343864	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	169711	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	139075	57.93	ug/l	-0.02
Spiked Amount						
			Recovery	=	115.86%	
35) Dibromofluoromethane	7.73	113	128681	53.66	ug/l	-0.02
Spiked Amount						
			Recovery	=	107.32%	
50) Toluene-d8	10.18	98	498228	51.69	ug/l	-0.02
Spiked Amount						
			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.48	95	141891	43.88	ug/l	-0.01
Spiked Amount						
			Recovery	=	87.76%	

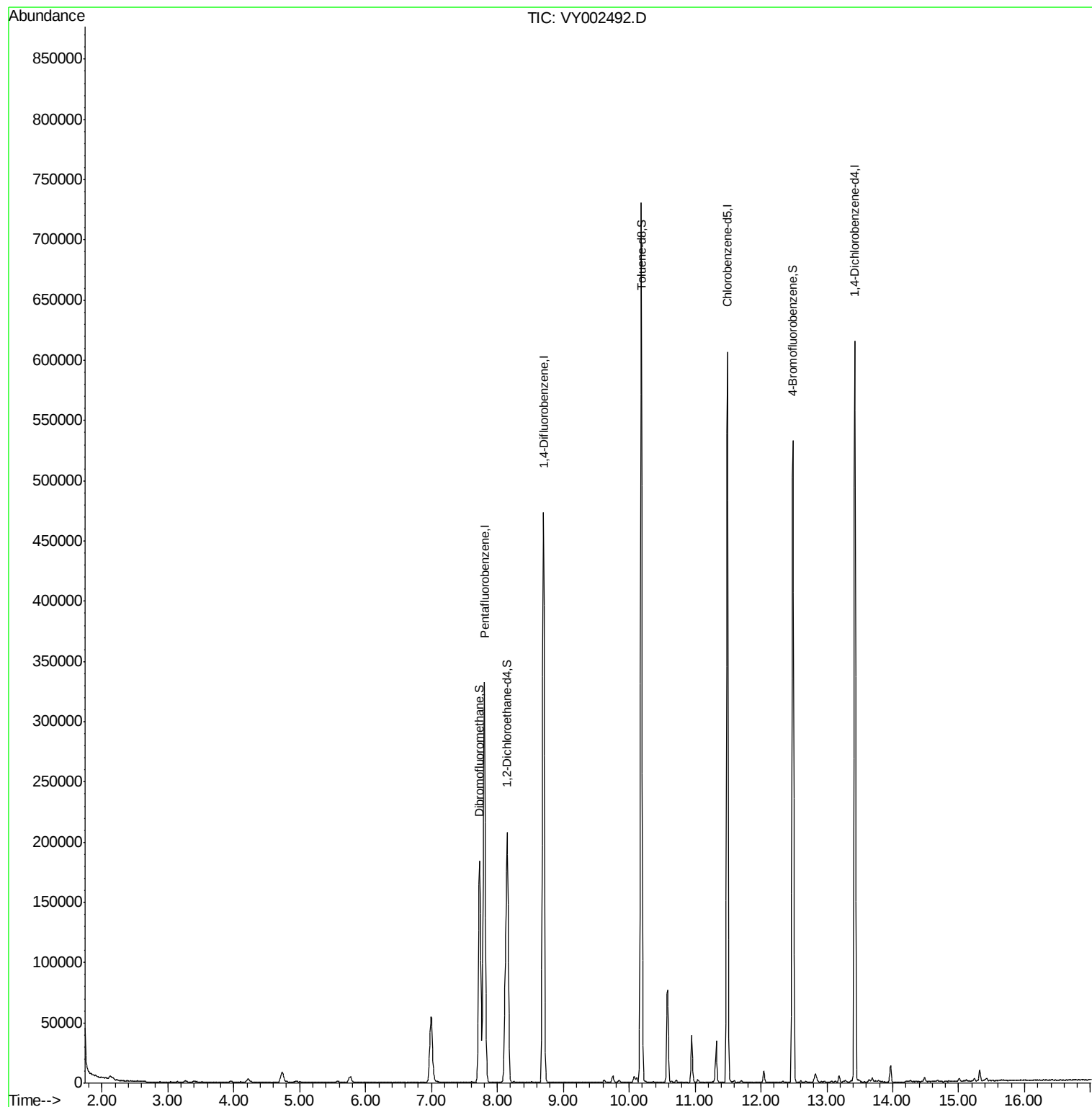
Target Compounds	Qvalue
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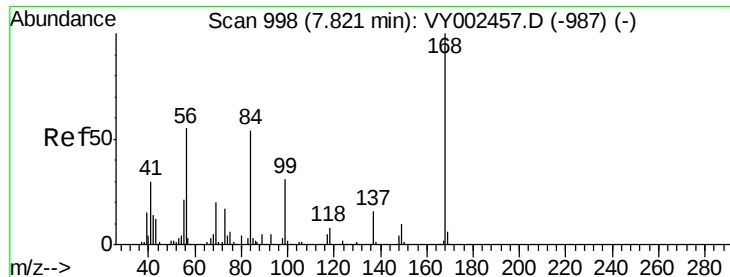
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY002492.D

Acq: 28 Apr 2020 14:20

Instrument :

MSVOA_Y

ClientSampled :

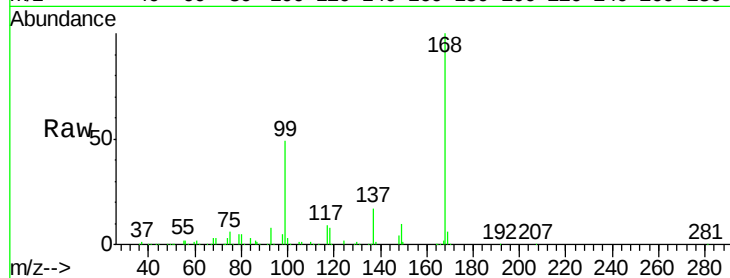
S-8A

Tot Ion:168 Resp: 274651

Ion Ratio Lower Upper

168 100

99 49.0 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

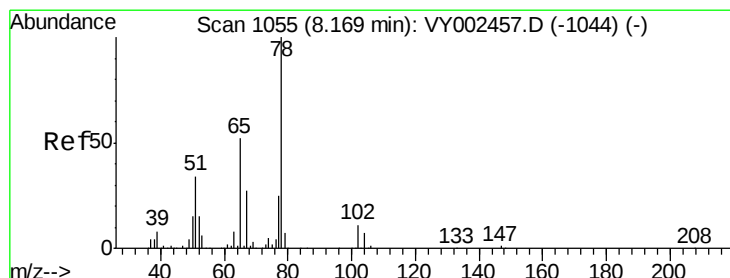
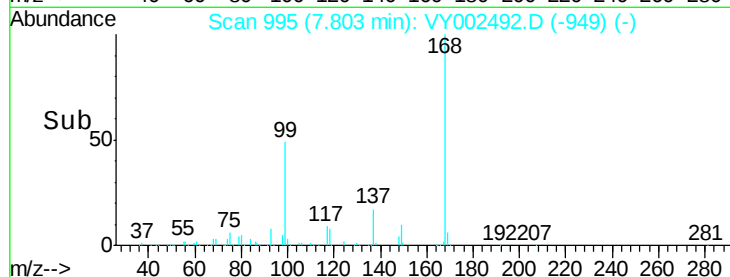
7.80

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.935 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY002492.D

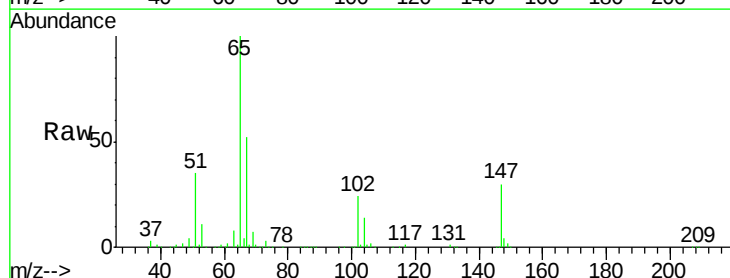
Acq: 28 Apr 2020 14:20

Tgt Ion: 65 Resp: 139075

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY002457.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002457.D (-1044) (-)

8.15

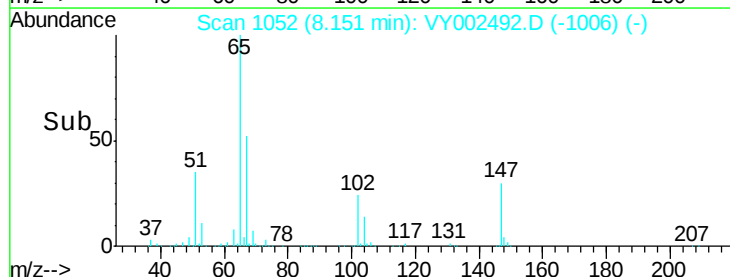
60000

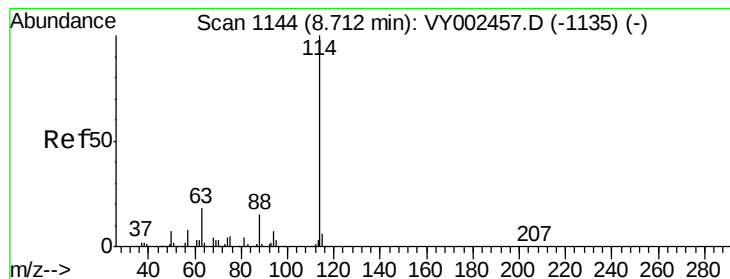
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002492.D

Acq: 28 Apr 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

S-8A

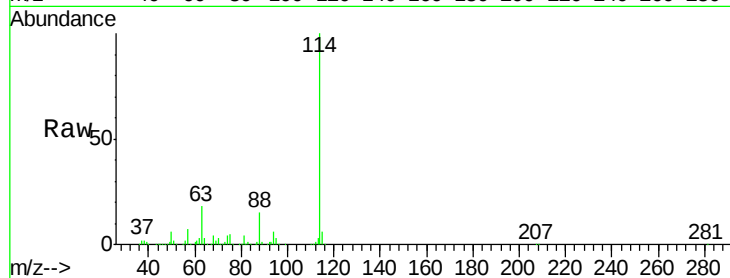
Tot Ion:114 Resp: 425132

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

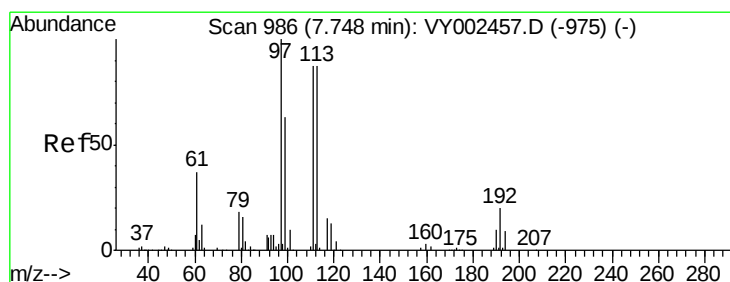
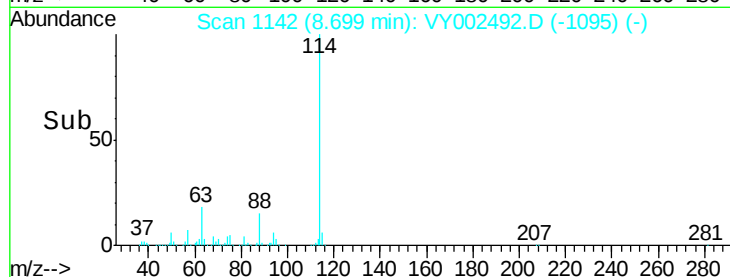
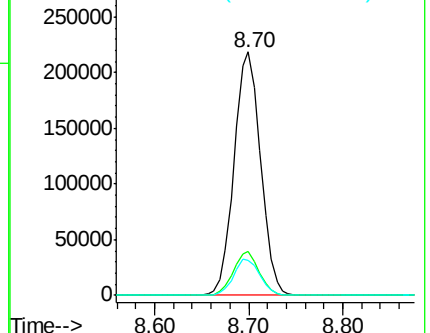
88 14.6 0.0 29.4



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: 53.662 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002492.D

Acq: 28 Apr 2020 14:20

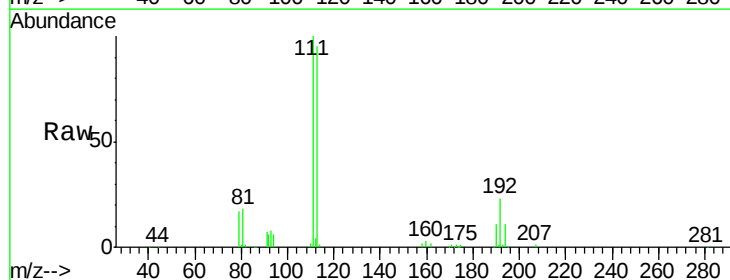
Tgt Ion:113 Resp: 128681

Ion Ratio Lower Upper

113 100

111 103.4 81.0 121.4

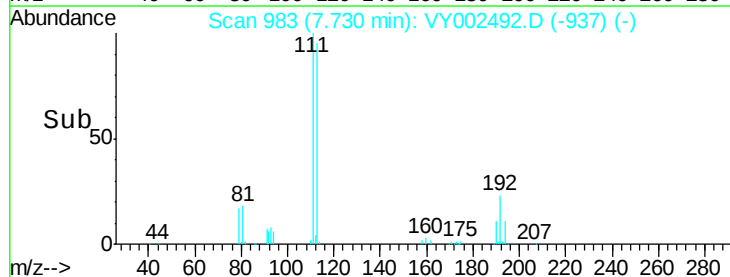
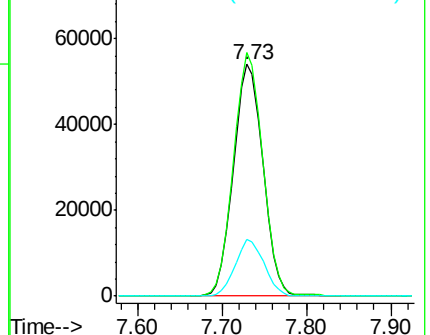
192 23.7 18.6 27.8

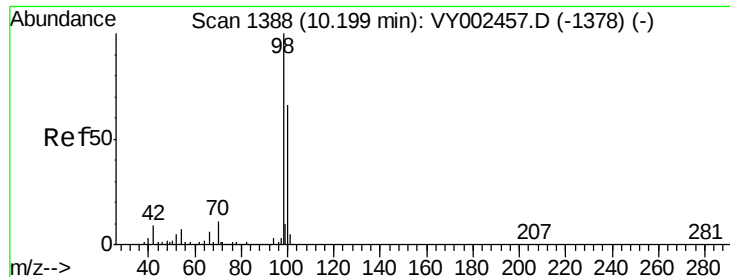


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.694 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.02 min

Lab File: VY002492.D

Acq: 28 Apr 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

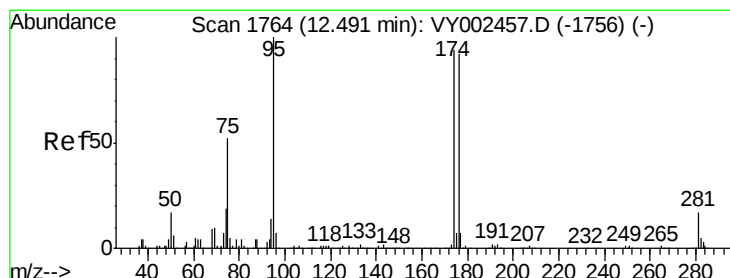
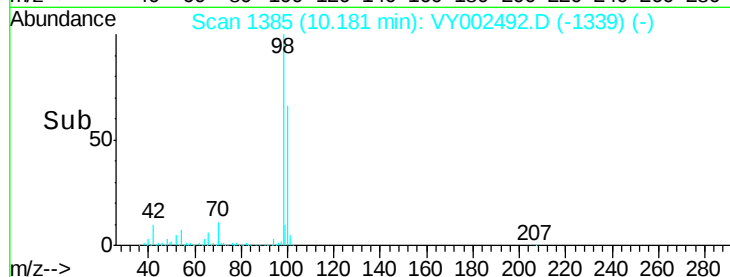
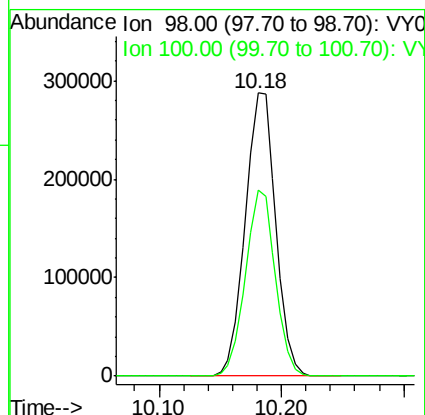
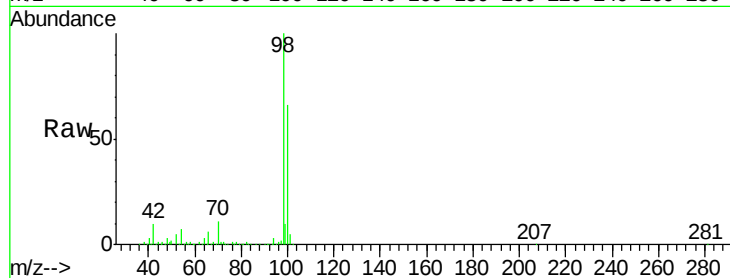
S-8A

Tot Ion: 98 Resp: 498228

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.875 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002492.D

Acq: 28 Apr 2020 14:20

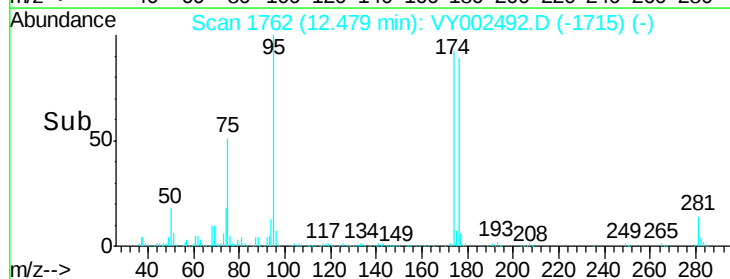
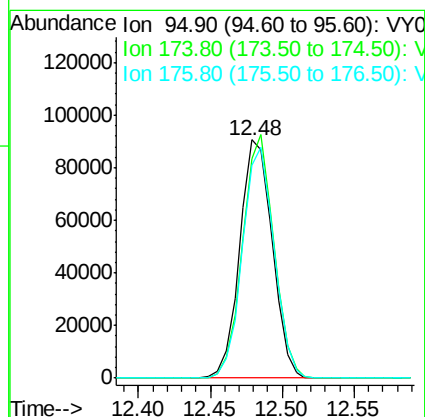
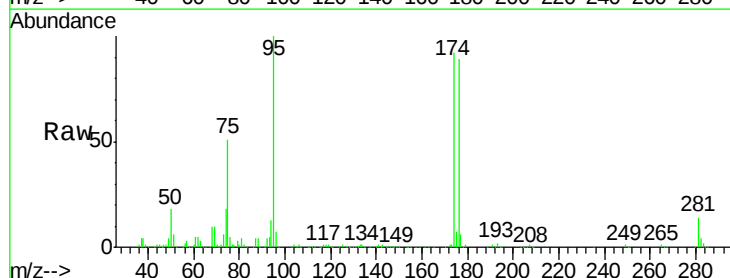
Tgt Ion: 95 Resp: 141891

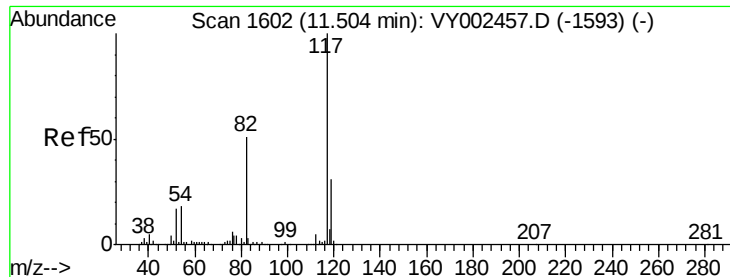
Ion Ratio Lower Upper

95 100

174 97.7 0.0 193.0

176 94.6 0.0 190.4

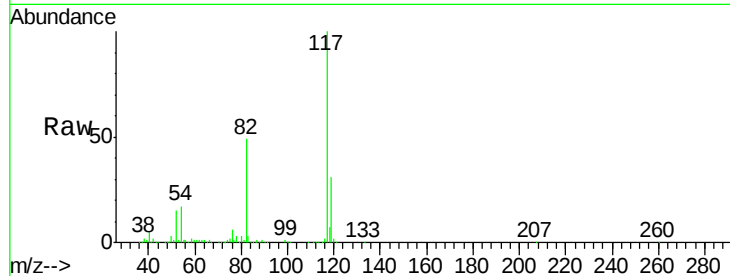




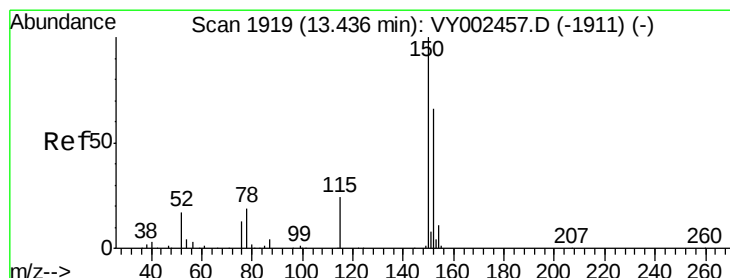
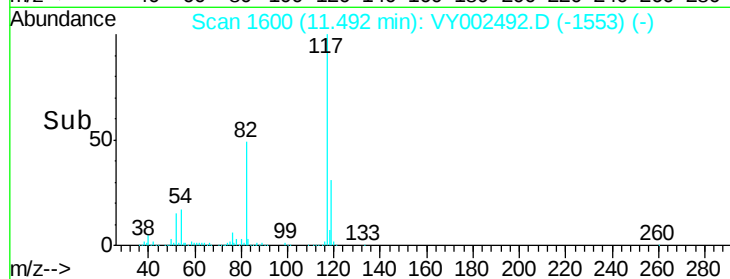
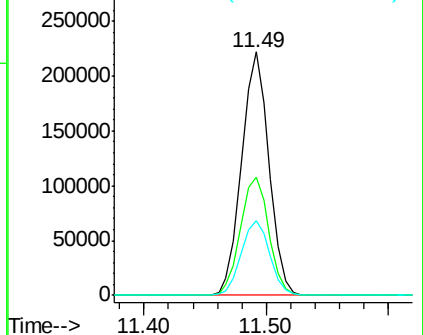
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002492.D
Acq: 28 Apr 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
S-8A

Tot Ion:117 Resp: 343864
Ion Ratio Lower Upper
117 100
82 48.6 40.8 61.2
119 30.5 25.2 37.8

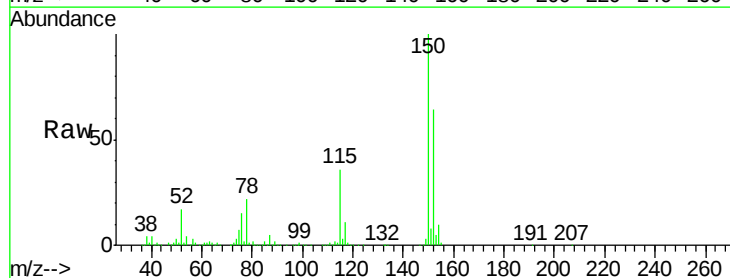


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002492.D
Acq: 28 Apr 2020 14:20

Tgt Ion:152 Resp: 169711
Ion Ratio Lower Upper
152 100
115 55.1 27.3 81.8
150 155.7 0.0 346.8



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

