

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003478.D
 Acq On : 02 Nov 2020 17:20
 Operator : SY/MD
 Sample : L4606-02
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1A

Quant Time: Nov 03 02:31:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	203364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	334266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	300588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	140475	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122492	58.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.50%	
35) Dibromofluoromethane	7.73	113	105597	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	10.18	98	405801	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.48	95	127567	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	

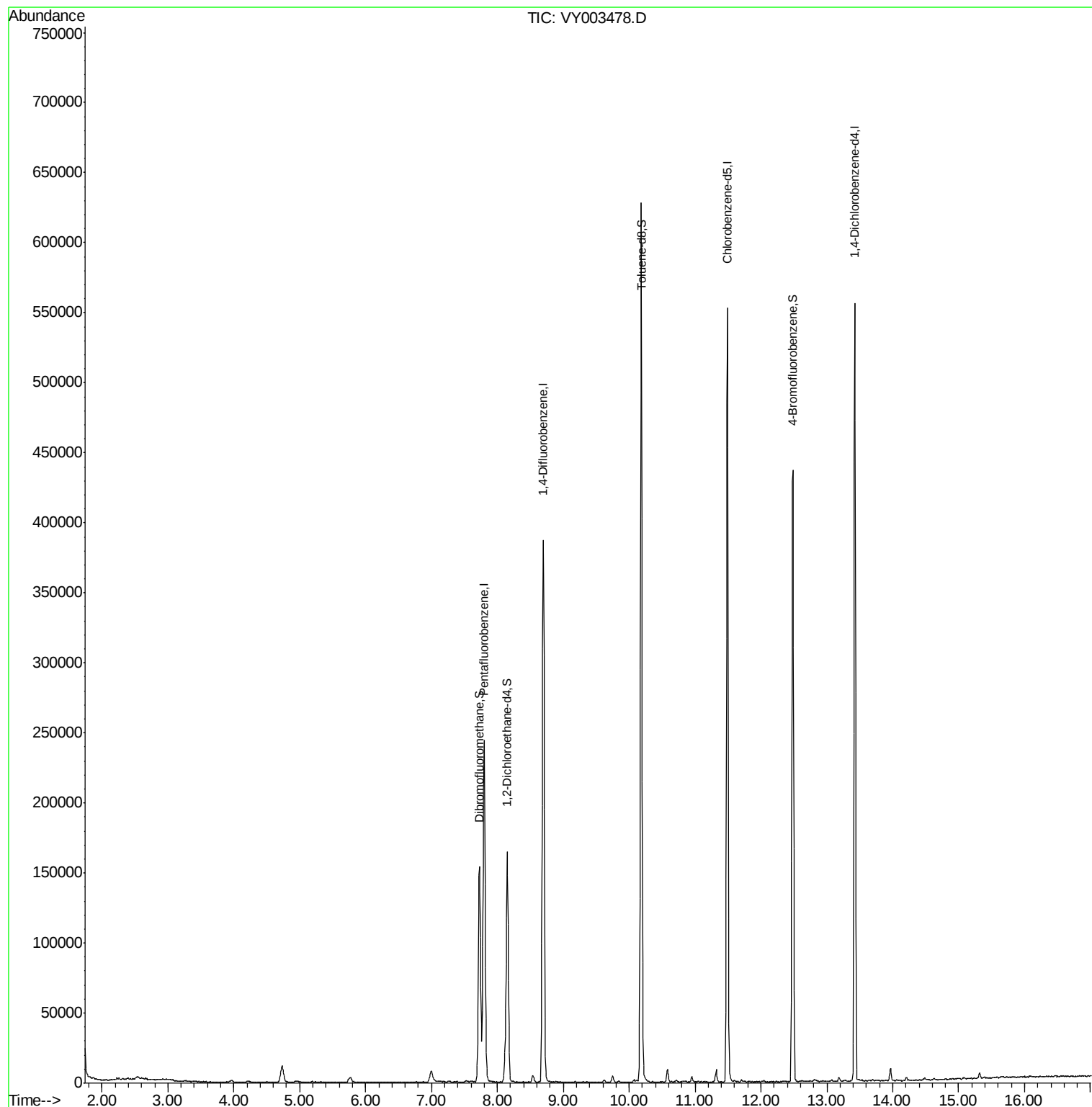
Target Compounds	Qvalue

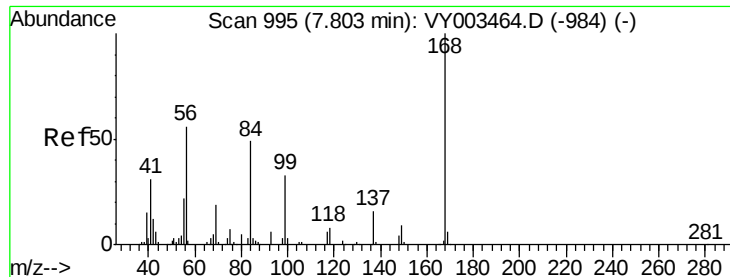
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003478.D

Acq: 02 Nov 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

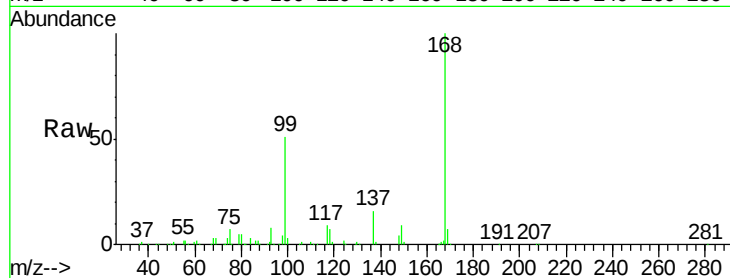
S-1A

Tot Ion:168 Resp: 203364

Ion Ratio Lower Upper

168 100

99 50.9 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.80

80000

60000

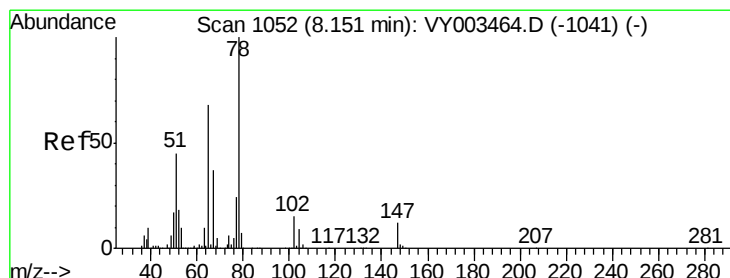
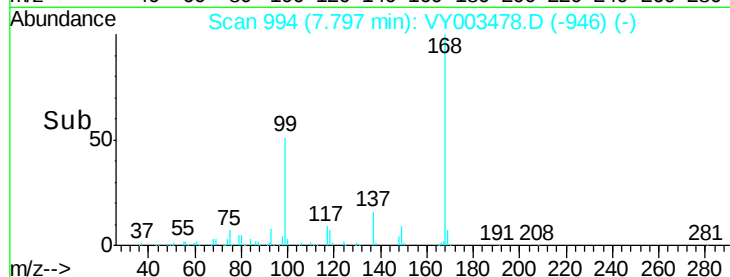
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.753 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY003478.D

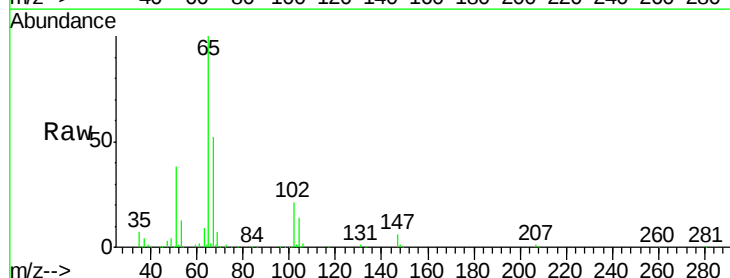
Acq: 02 Nov 2020 17:20

Tgt Ion: 65 Resp: 122492

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY003464.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003464.D (-1041) (-)

8.15

60000

50000

40000

30000

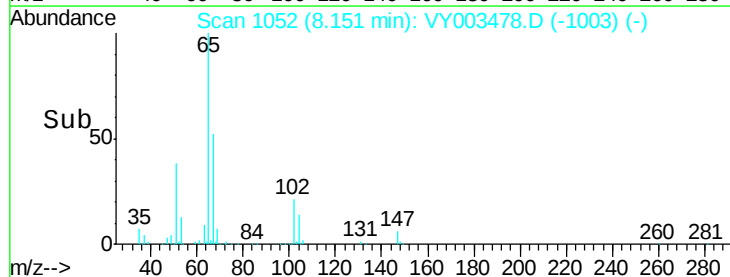
20000

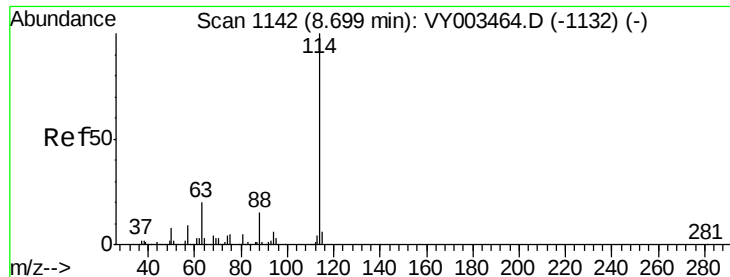
10000

0

8.00 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. -0.00 min

Lab File: VY003478.D

Acq: 02 Nov 2020 17:20

Instrument :

MSVOA_Y

ClientSampled :

S-1A

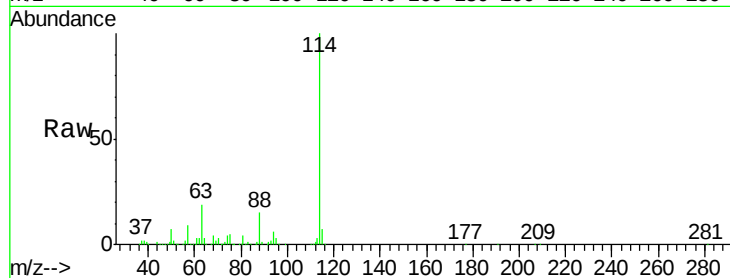
Tot Ion:114 Resp: 334266

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

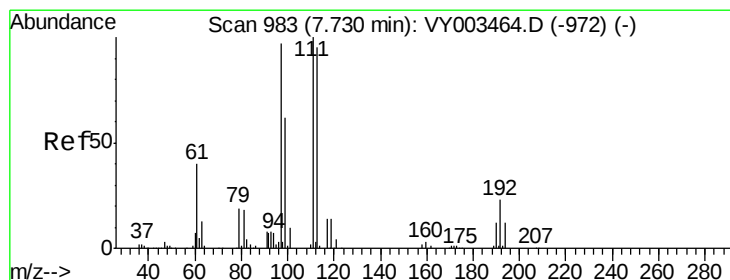
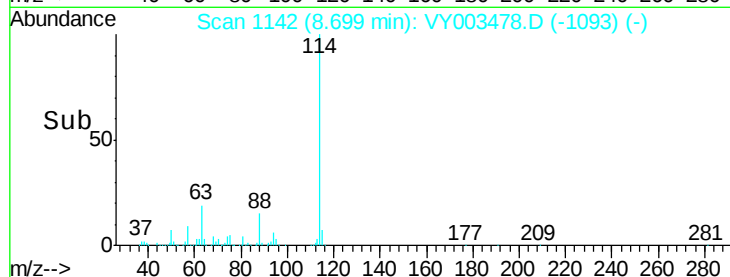
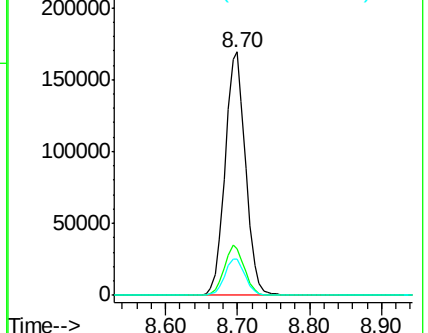
88 15.0 0.0 29.4



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: 51.914 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY003478.D

Acq: 02 Nov 2020 17:20

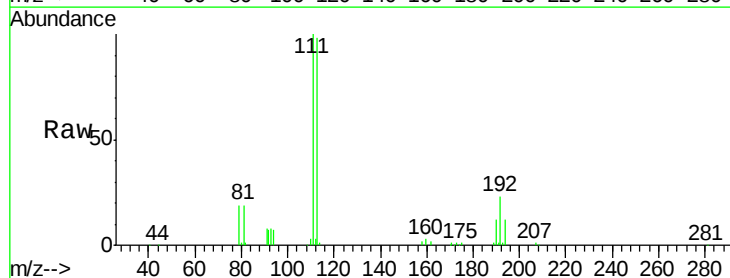
Tgt Ion:113 Resp: 105597

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

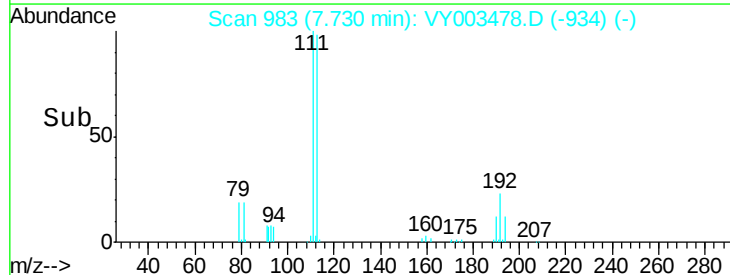
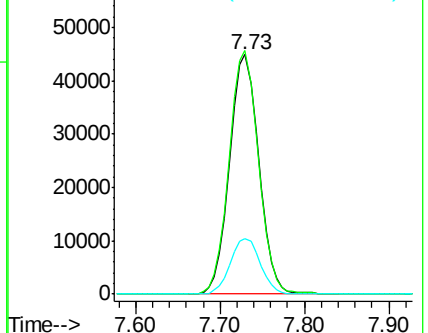
192 23.7 18.8 28.2

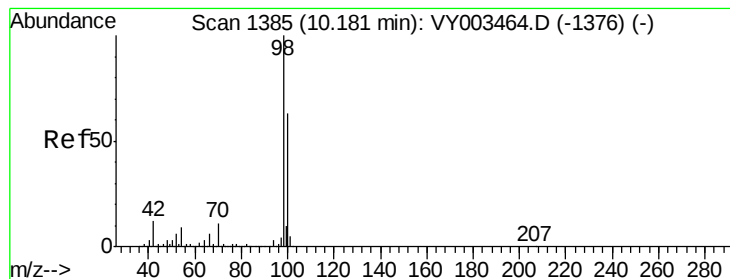


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.956 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003478.D

Acq: 02 Nov 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

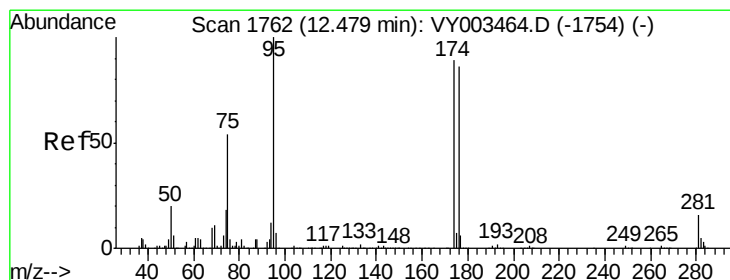
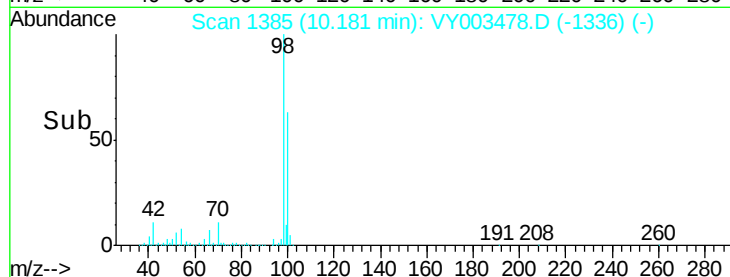
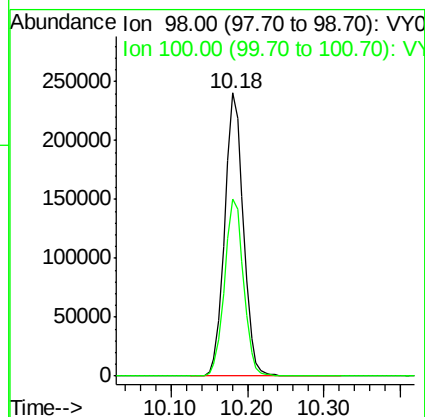
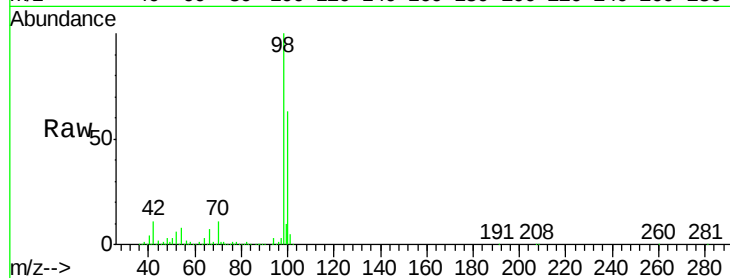
S-1A

Tot Ion: 98 Resp: 405801

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 45.499 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003478.D

Acq: 02 Nov 2020 17:20

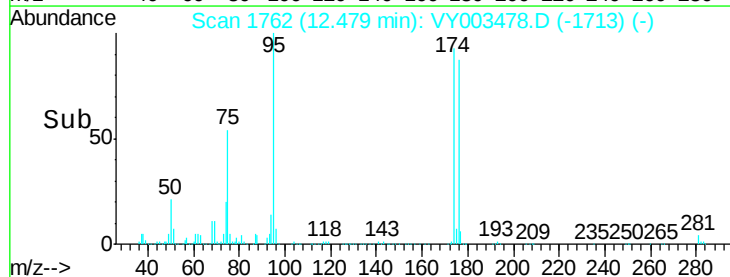
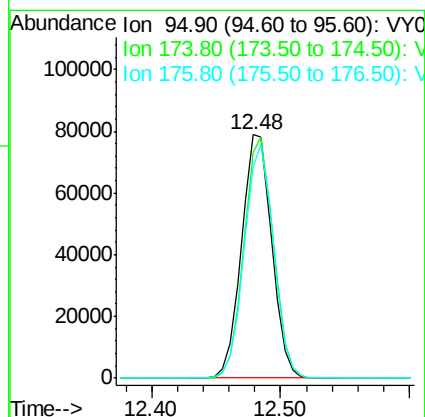
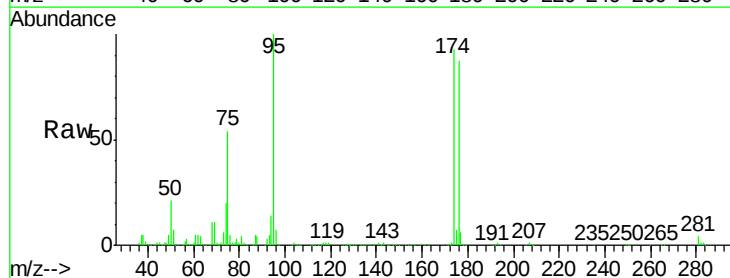
Tgt Ion: 95 Resp: 127567

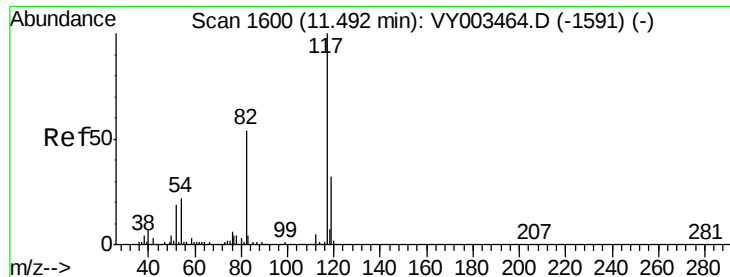
Ion Ratio Lower Upper

95 100

174 96.5 0.0 193.0

176 92.6 0.0 187.4

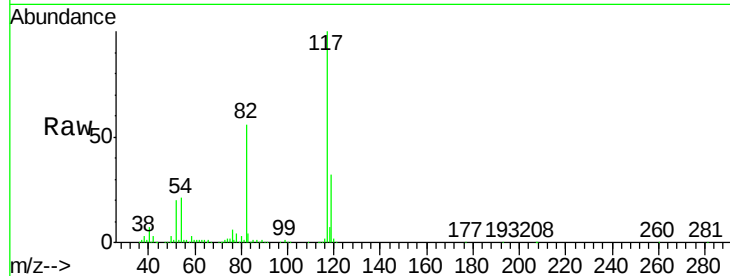




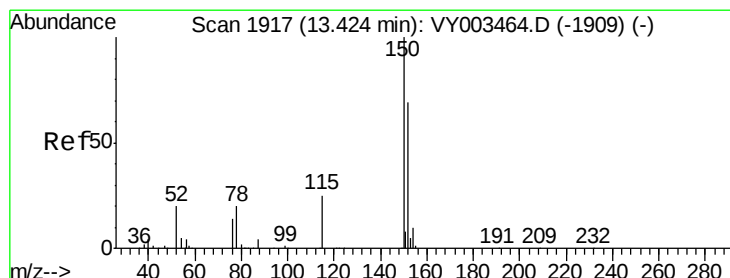
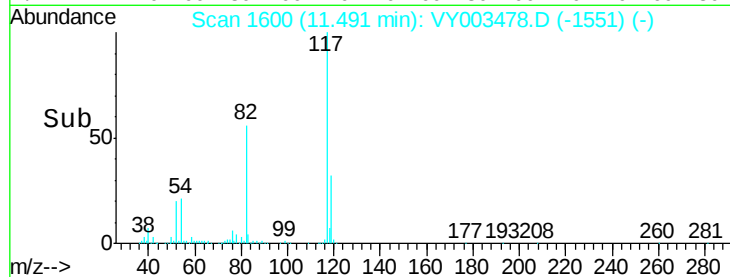
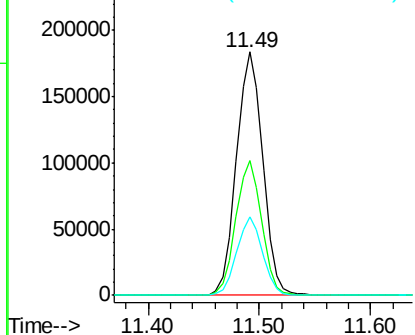
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003478.D
Acq: 02 Nov 2020 17:20

Instrument :
MSVOA_Y
ClientSampleId :
S-1A

Tot Ion:117 Resp: 300588
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.2
119 32.3 25.8 38.6

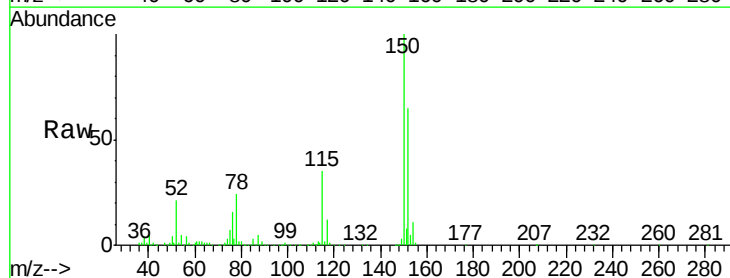


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003478.D
Acq: 02 Nov 2020 17:20

Tgt Ion:152 Resp: 140475
Ion Ratio Lower Upper
152 100
115 54.3 27.5 82.4
150 158.7 0.0 345.8



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

