

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002680.D
 Acq On : 13 May 2020 13:33
 Operator : SY/MD
 Sample : L2500-01
 Misc : 8.14G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-051220

Quant Time: May 14 04:26:57 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	311581	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	490940	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	422951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185863	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	133240	50.86	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	7.72	113	145258	51.74	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.18	98	568125	51.82	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.48	95	172485	46.36	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.72%	

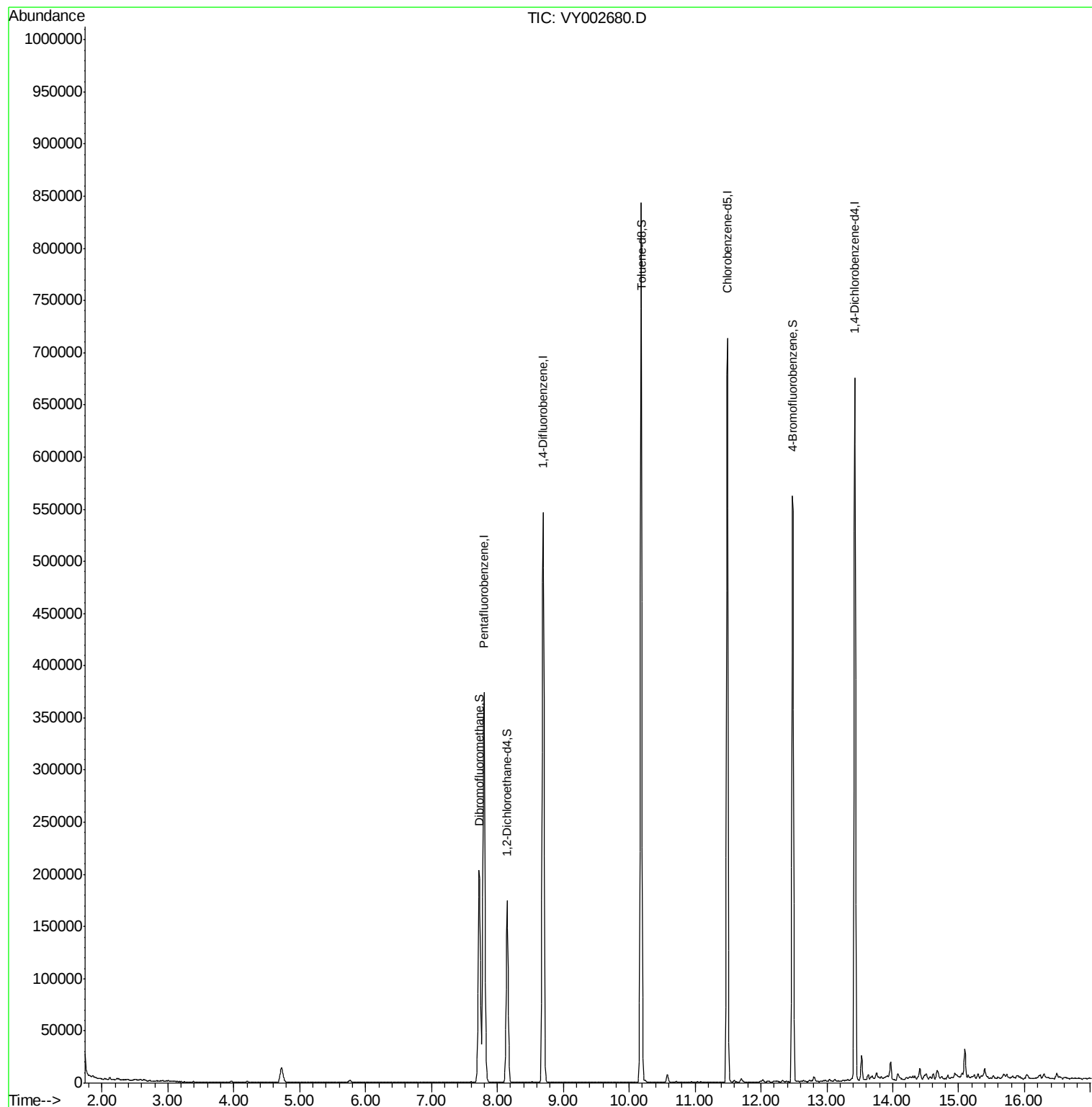
Target Compounds	Qvalue

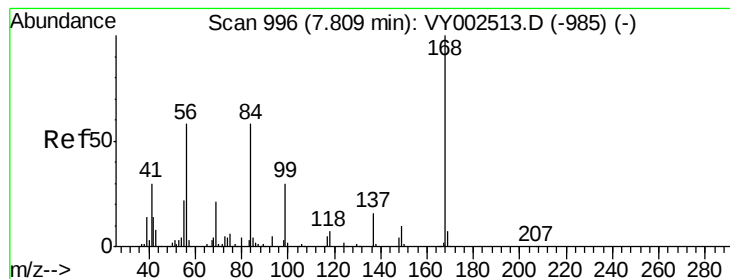
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002680.D

Acq: 13 May 2020 13:33

Instrument :

MSVOA_Y

ClientSampleId :

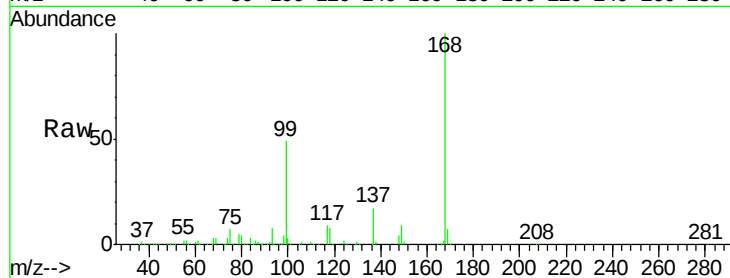
OK-02-051220

Tot Ion:168 Resp: 311581

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002680.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002680.D (-947) (-)

7.80

150000

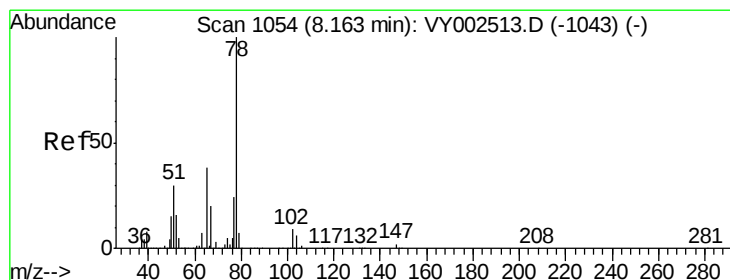
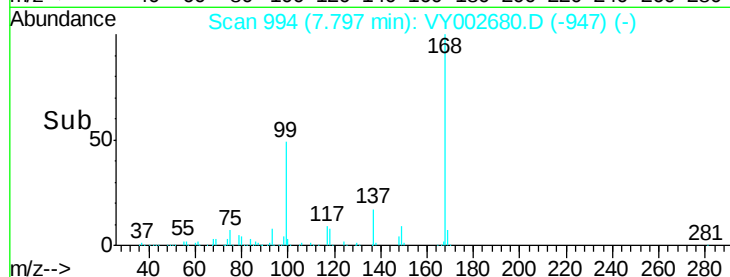
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.858 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002680.D

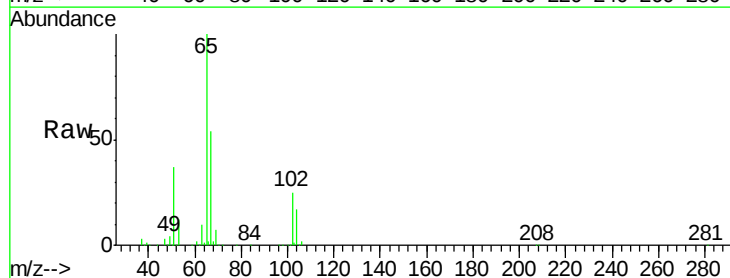
Acq: 13 May 2020 13:33

Tgt Ion: 65 Resp: 133240

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002680.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002680.D (-1005) (-)

8.15

60000

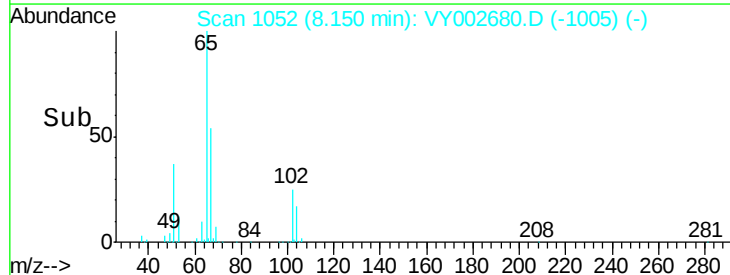
40000

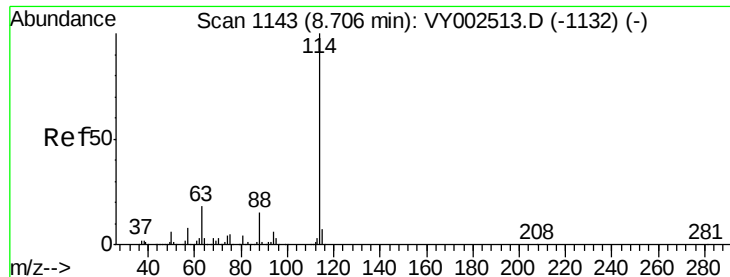
20000

0

8.05 8.10 8.15 8.20 8.25

Time-->

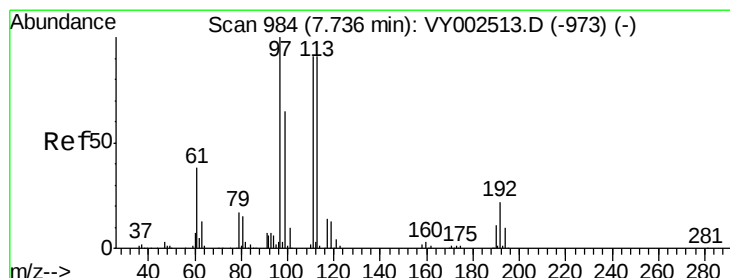
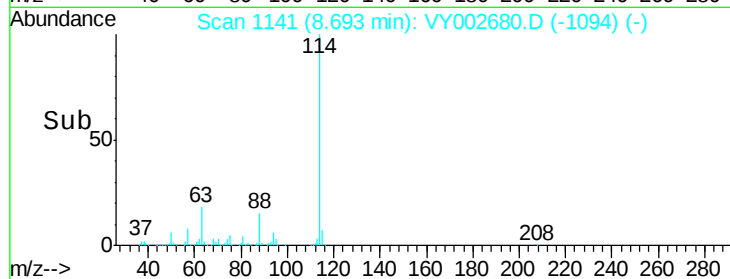
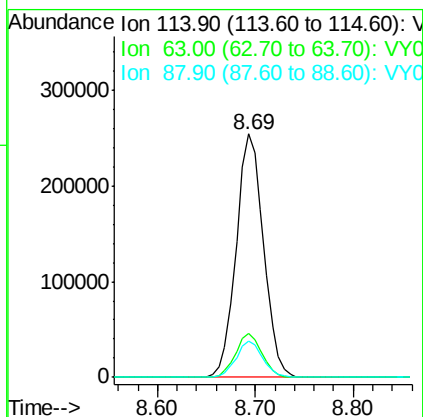
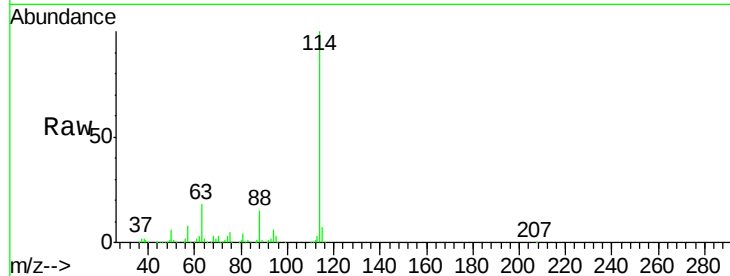




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002680.D
 Acq: 13 May 2020 13:33

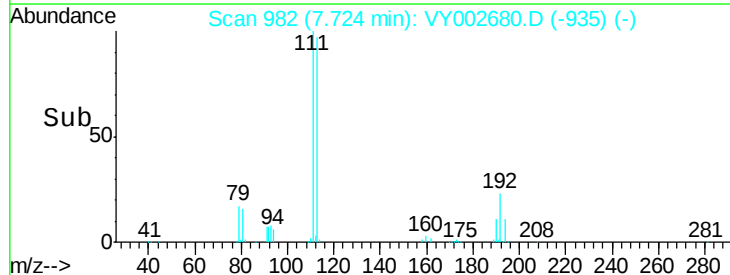
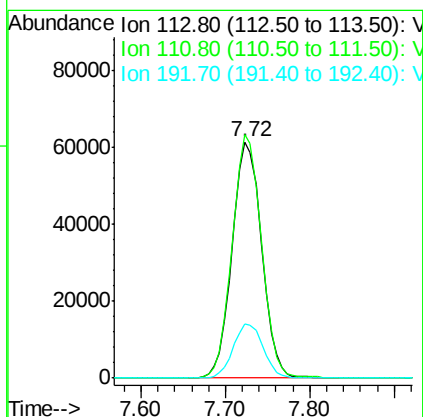
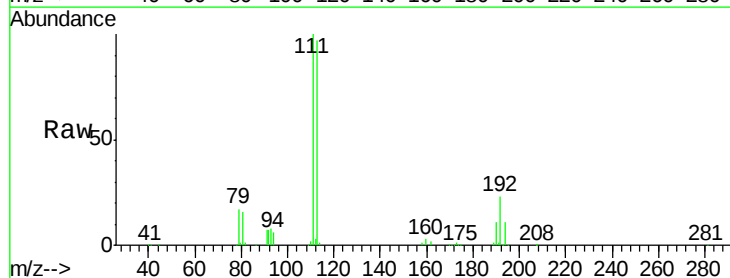
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-051220

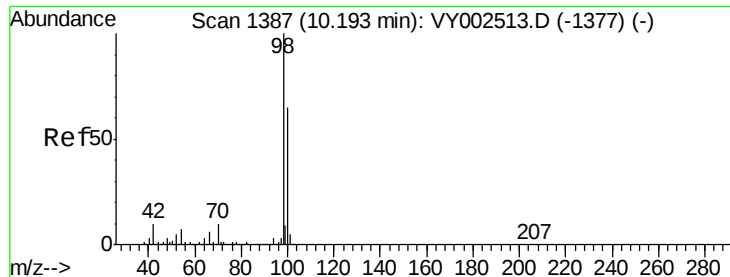
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.4
88	14.8	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 51.736 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002680.D
 Acq: 13 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	23.3	18.2	27.4





#50

Toluene-d8

Concen: 51.815 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002680.D

Acq: 13 May 2020 13:33

Instrument :

MSVOA_Y

ClientSampleId :

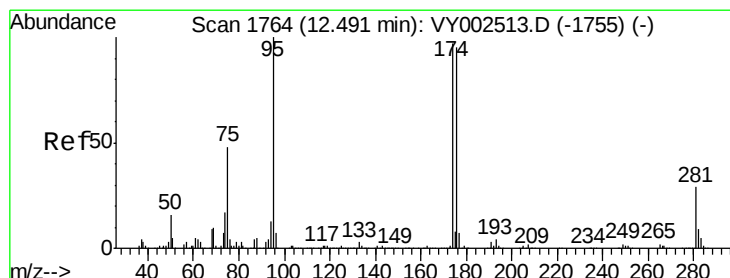
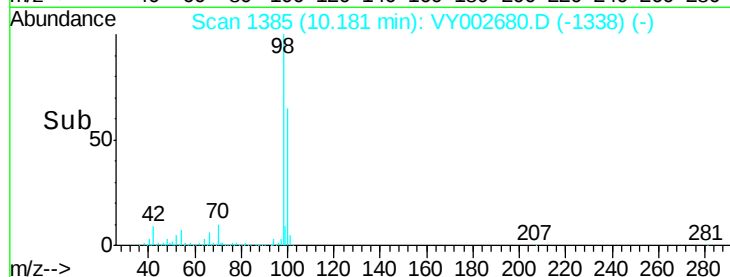
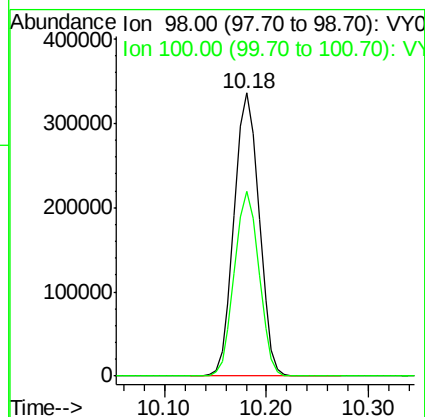
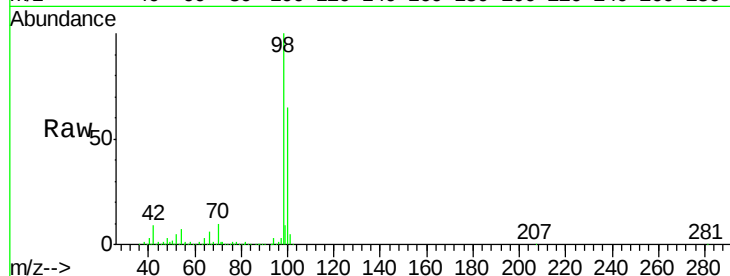
OK-02-051220

Tot Ion: 98 Resp: 568125

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.360 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002680.D

Acq: 13 May 2020 13:33

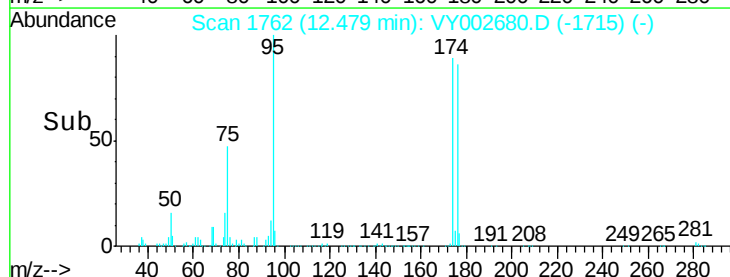
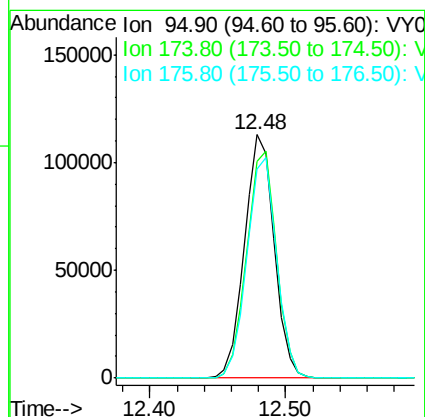
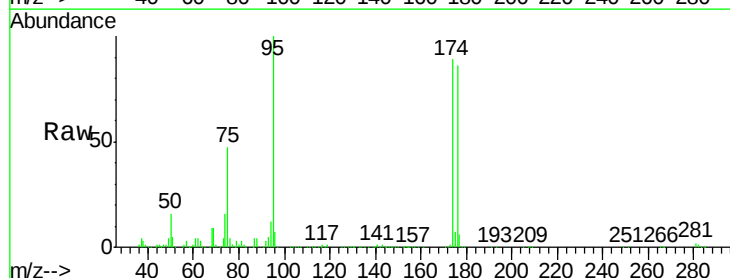
Tgt Ion: 95 Resp: 172485

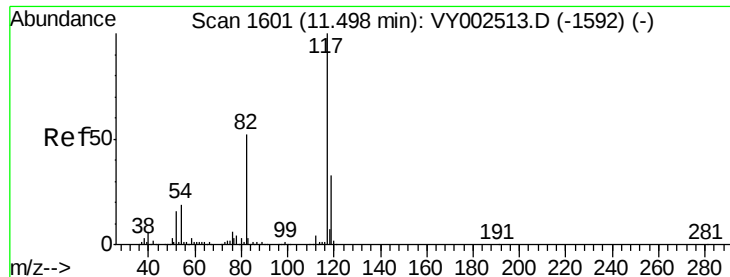
Ion Ratio Lower Upper

95 100

174 94.0 0.0 188.8

176 90.9 0.0 183.2

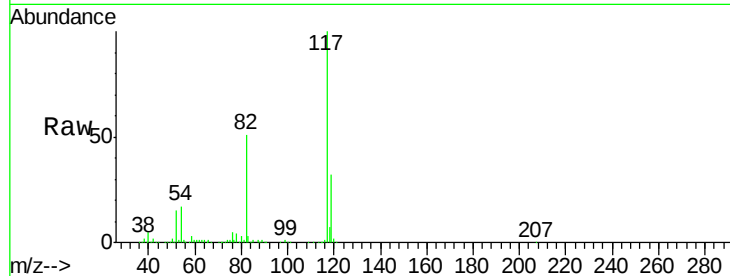




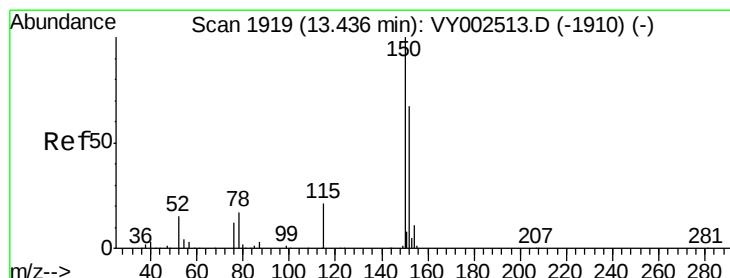
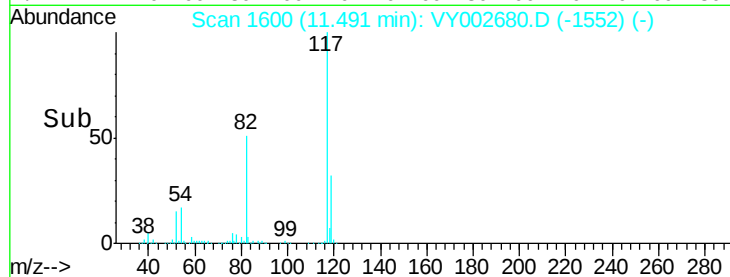
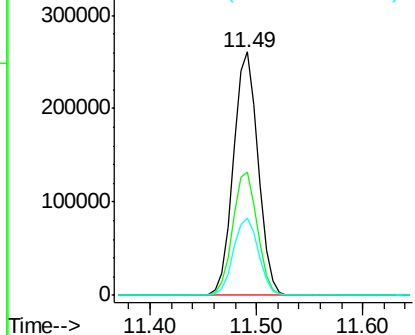
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002680.D
Acq: 13 May 2020 13:33

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-051220

Tot Ion:117 Resp: 422951
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 31.8 26.0 39.0

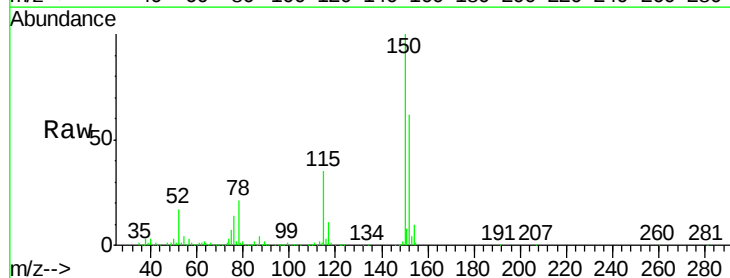


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002680.D
Acq: 13 May 2020 13:33

Tgt Ion:152 Resp: 185863
Ion Ratio Lower Upper
152 100
115 54.3 27.5 82.4
150 157.6 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

