

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002683.D
 Acq On : 13 May 2020 14:40
 Operator : SY/MD
 Sample : L2636-02
 Misc : 5.35G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AST-2

Quant Time: May 14 04:37:57 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	331239	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	521578	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	466908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227215	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	135923	48.80	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	97.60%	
35) Dibromofluoromethane	7.72	113	153410	51.43	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	102.86%	
50) Toluene-d8	10.18	98	607240	52.13	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.48	95	194927	49.31	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	98.62%	

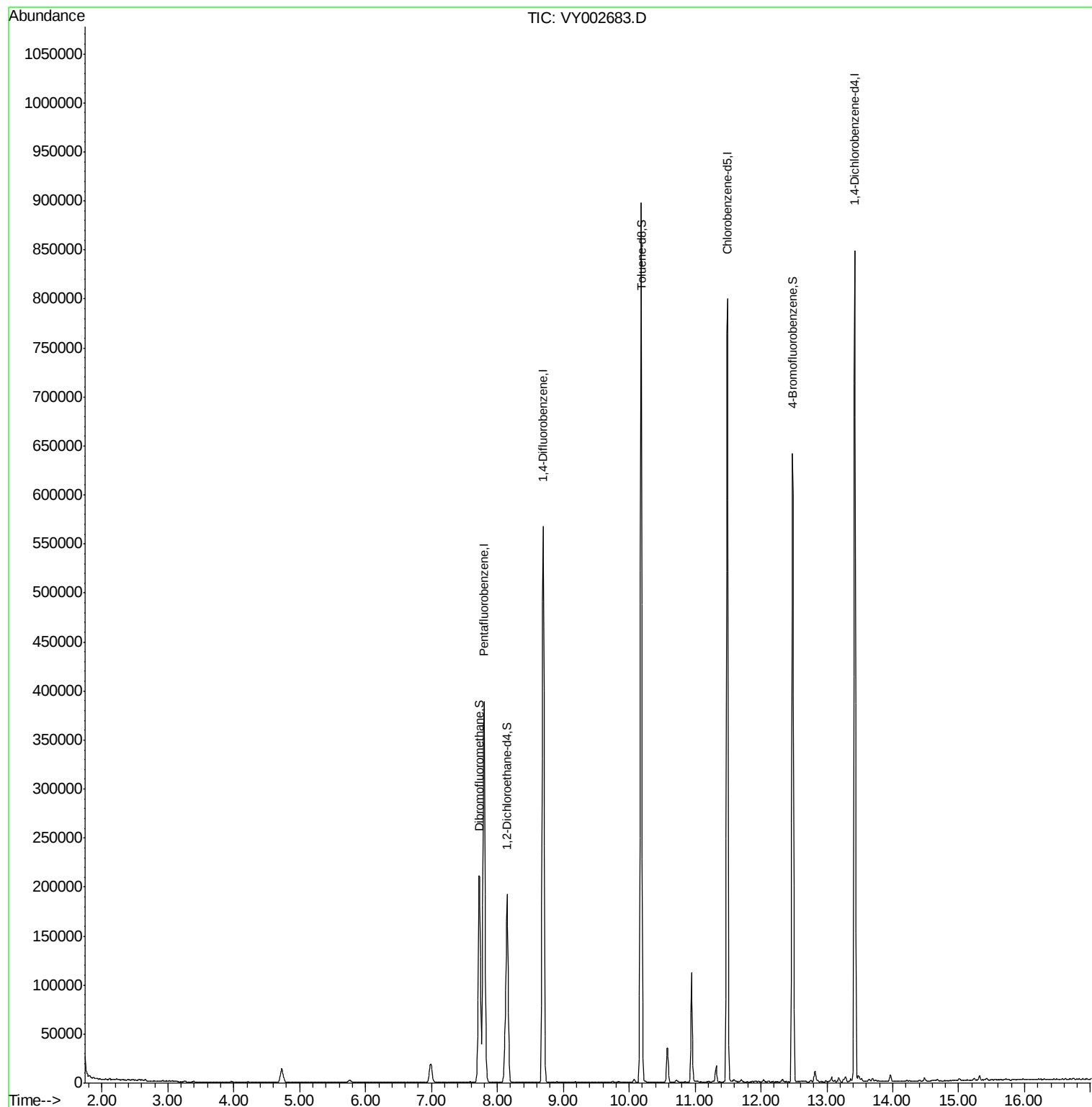
Target Compounds	Qvalue
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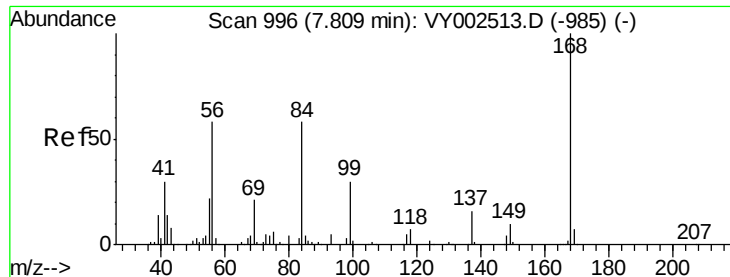
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002683.D

Acq: 13 May 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

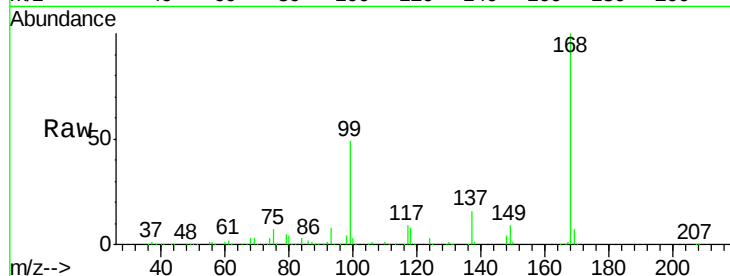
AST-2

Tot Ion:168 Resp: 331239

Ion Ratio Lower Upper

168 100

99 48.9 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

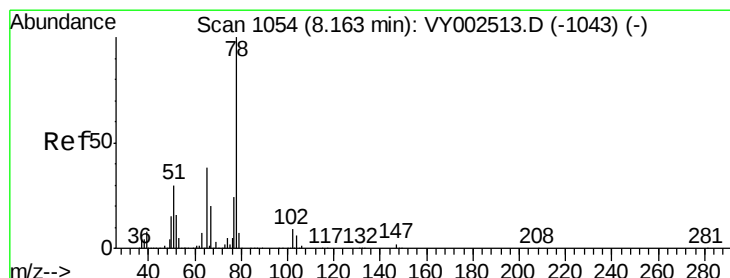
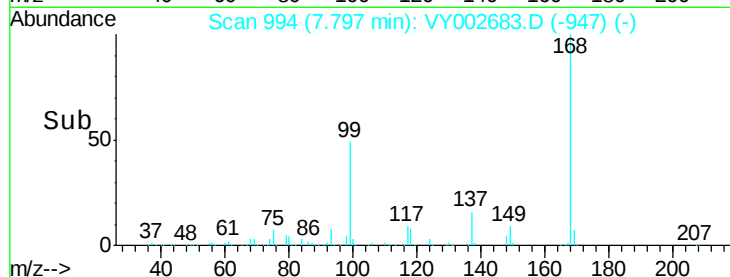
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.803 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002683.D

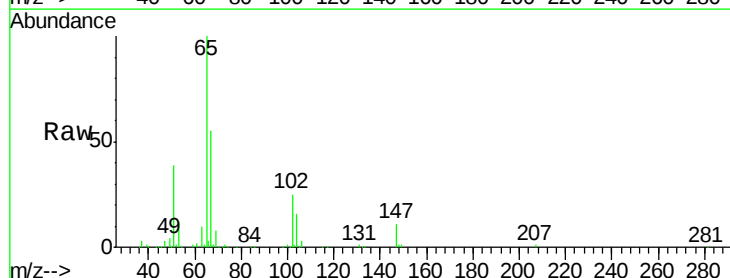
Acq: 13 May 2020 14:40

Tgt Ion: 65 Resp: 135923

Ion Ratio Lower Upper

65 100

67 55.4 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

60000

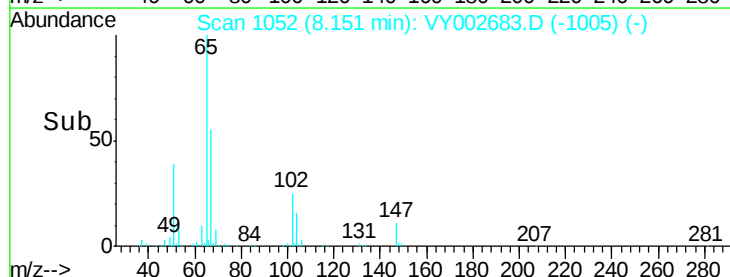
40000

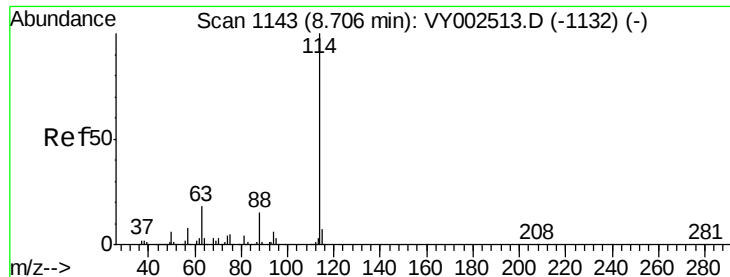
20000

0

8.10 8.20

Time-->

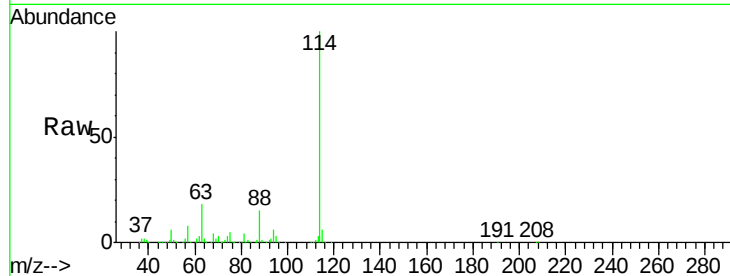




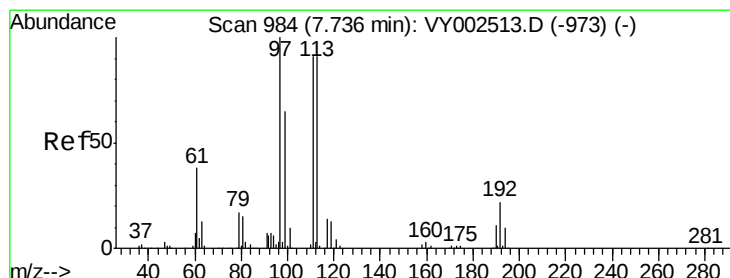
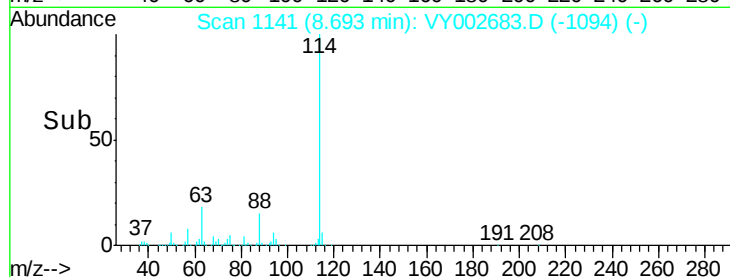
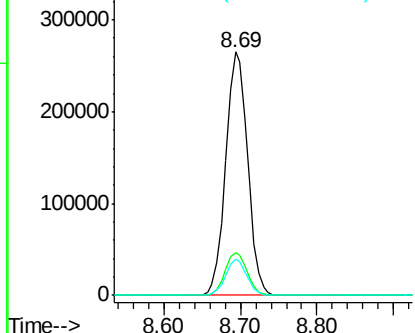
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002683.D
 Acq: 13 May 2020 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 AST-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.4
88	14.7	0.0	29.6

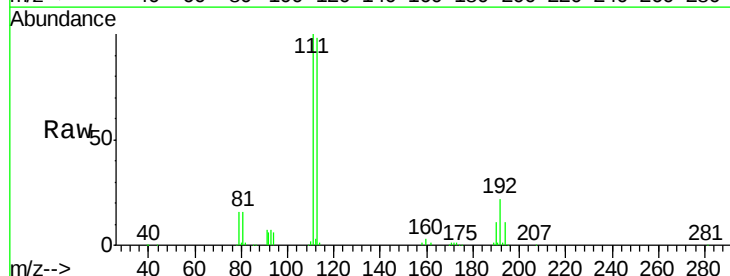


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

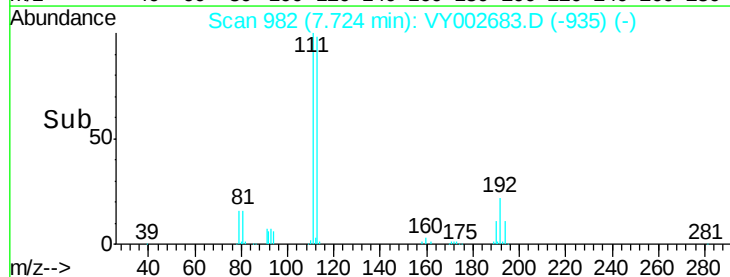
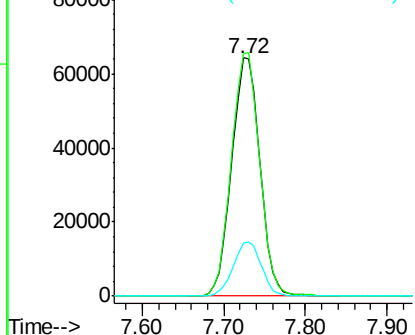


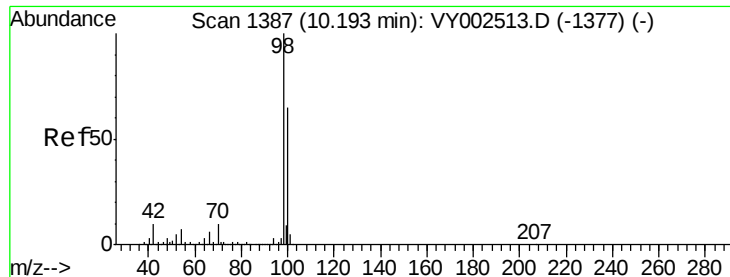
#35
 Dibromofluoromethane
 Concen: 51.429 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002683.D
 Acq: 13 May 2020 14:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	22.7	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: 52.129 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002683.D

Acq: 13 May 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

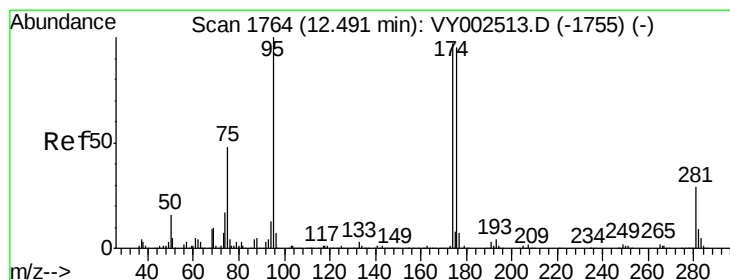
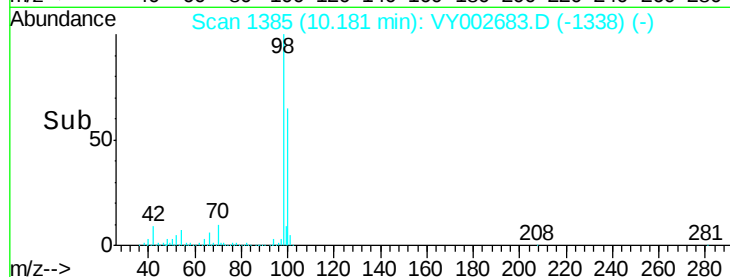
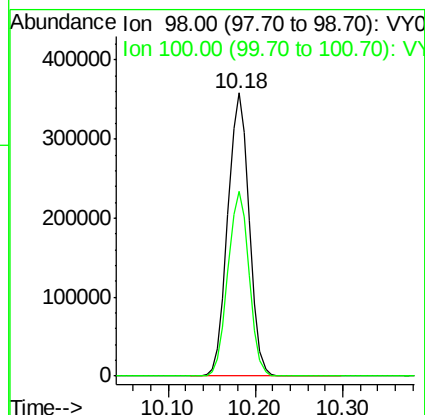
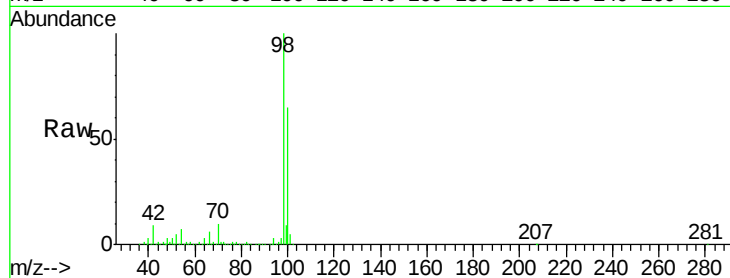
AST-2

Tot Ion: 98 Resp: 607240

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.315 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002683.D

Acq: 13 May 2020 14:40

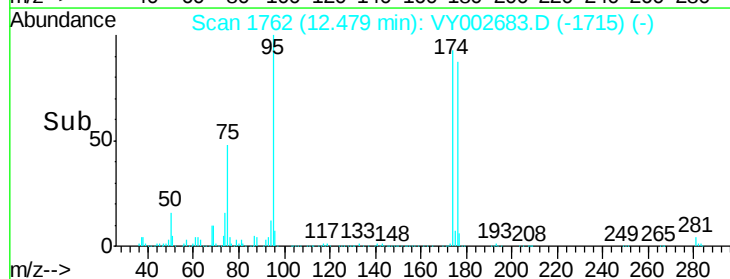
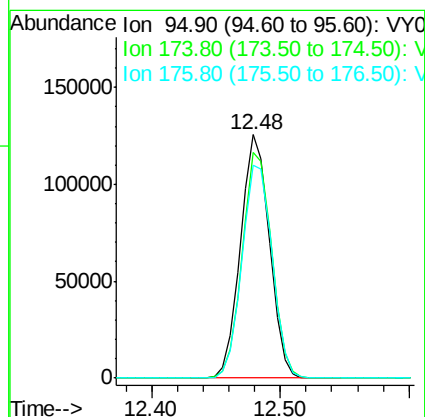
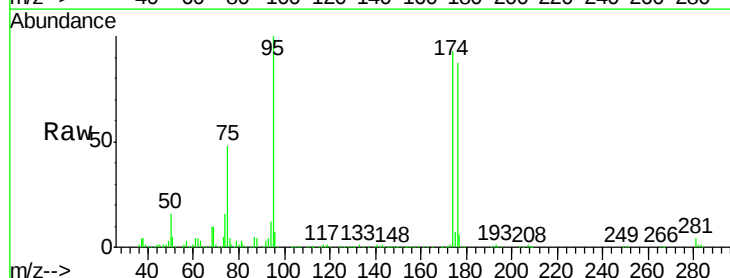
Tgt Ion: 95 Resp: 194927

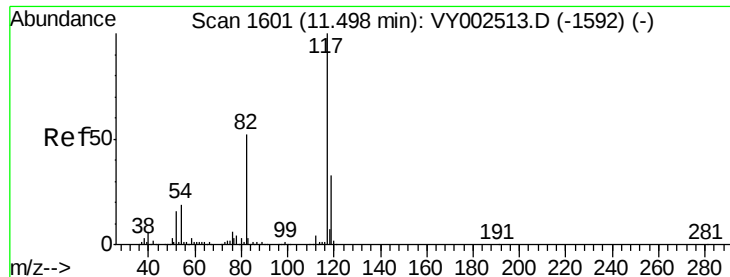
Ion Ratio Lower Upper

95 100

174 93.8 0.0 188.8

176 91.0 0.0 183.2

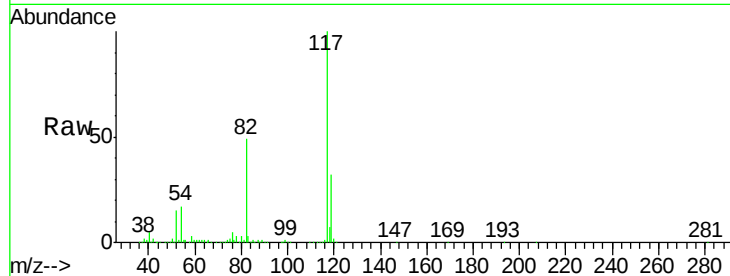




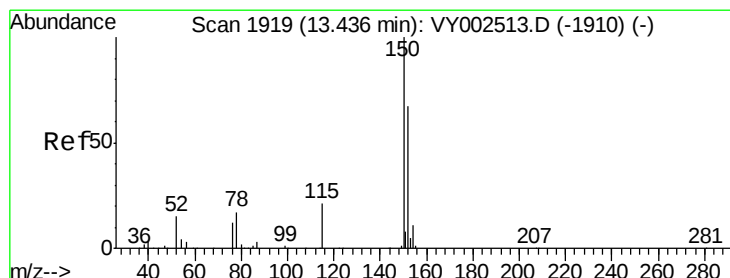
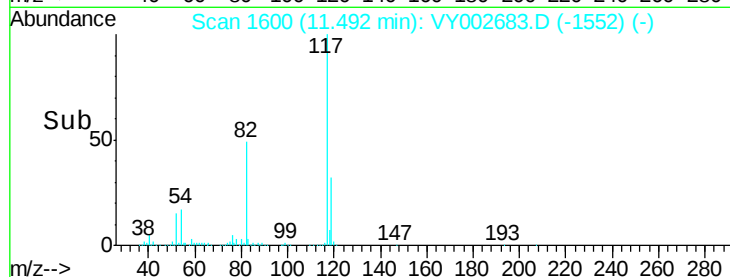
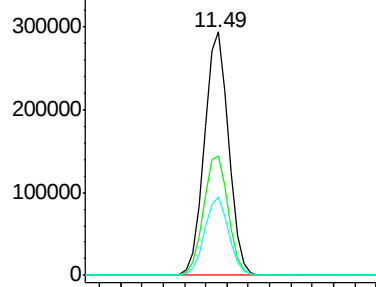
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002683.D
Acq: 13 May 2020 14:40

Instrument :
MSVOA_Y
ClientSampleId :
AST-2

Tot Ion:117 Resp: 466908
Ion Ratio Lower Upper
117 100
82 49.1 41.3 61.9
119 32.2 26.0 39.0

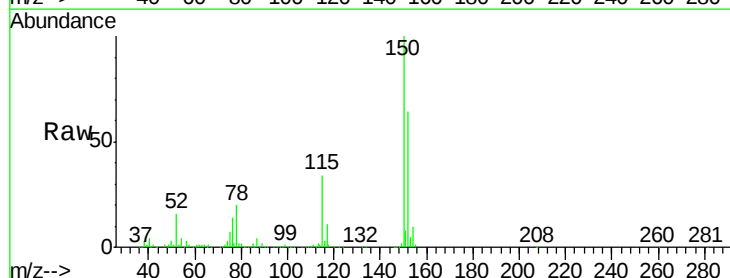


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002683.D
Acq: 13 May 2020 14:40

Tgt Ion:152 Resp: 227215
Ion Ratio Lower Upper
152 100
115 53.7 27.5 82.4
150 156.4 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

