

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002538.D
 Acq On : 04 May 2020 14:11
 Operator : SY/MD
 Sample : L2452-07
 Misc : 6.69G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 209

Quant Time: May 05 07:51:32 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	288085	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	465081	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	409345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	181940	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	143031	59.05	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	118.10%	
35) Dibromofluoromethane	7.72	113	142621	53.62	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.24%	
50) Toluene-d8	10.18	98	539127	51.90	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.49	95	167247	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

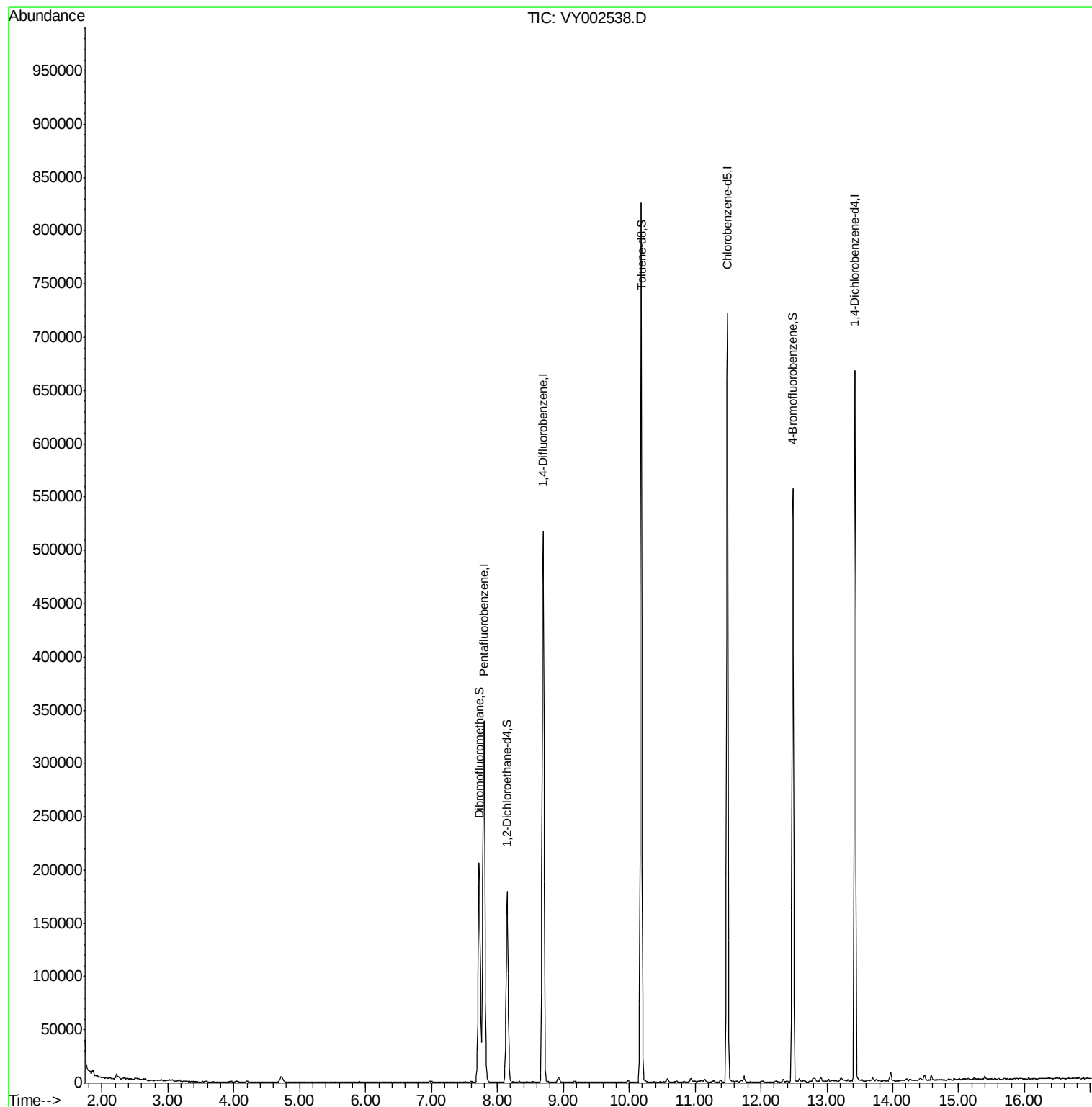
Target Compounds	Qvalue

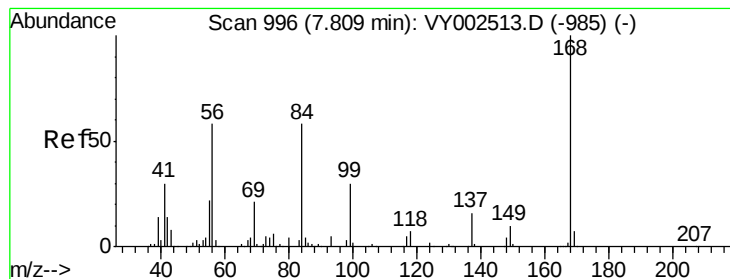
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
Data File : VY002538.D
Acq On : 04 May 2020 14:11
Operator : SY/MD
Sample : L2452-07
Misc : 6.69G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
209

Quant Time: May 05 07:51:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
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: VY002538.D

Acq: 04 May 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

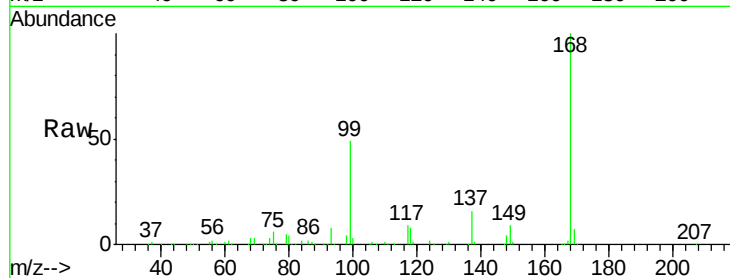
209

Tot Ion:168 Resp: 288085

Ion Ratio Lower Upper

168 100

99 48.5 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

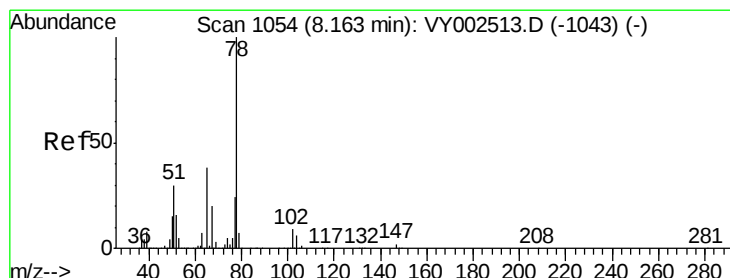
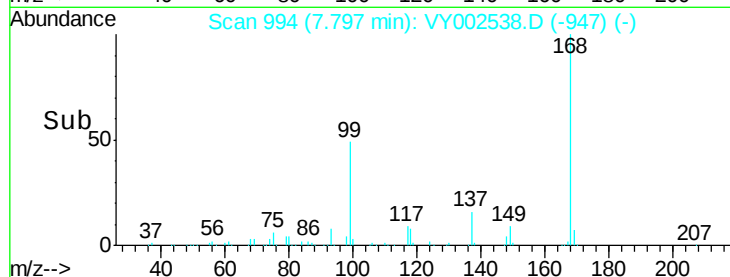
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.048 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.02 min

Lab File: VY002538.D

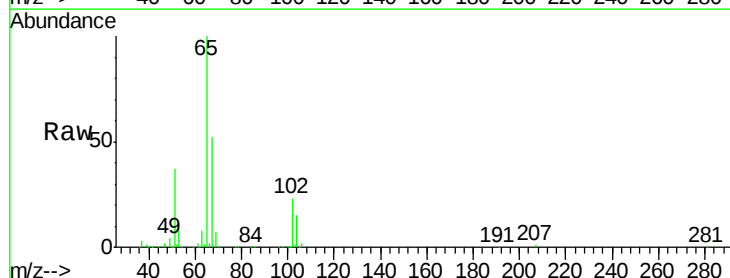
Acq: 04 May 2020 14:11

Tgt Ion: 65 Resp: 143031

Ion Ratio Lower Upper

65 100

67 53.8 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) (-)

8.14

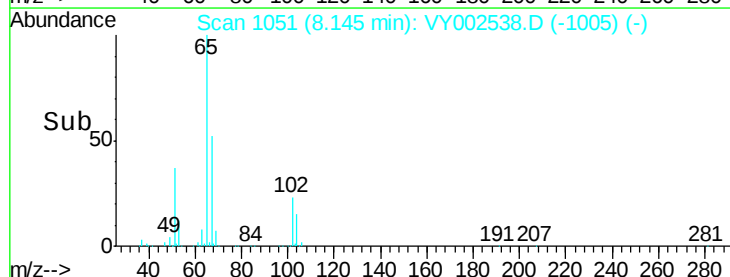
60000

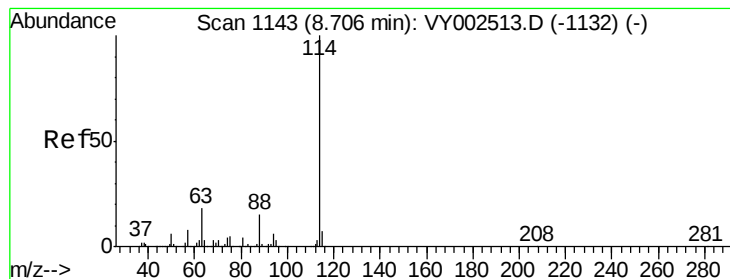
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002538.D

Acq: 04 May 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

209

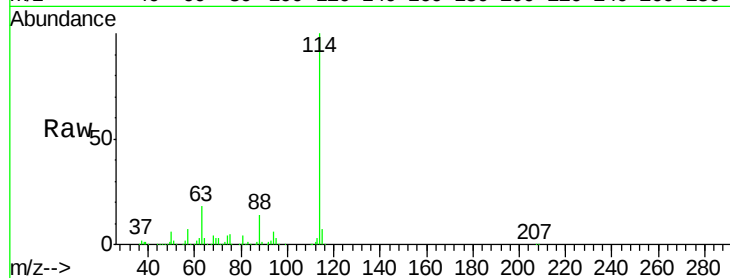
Tot Ion:114 Resp: 465081

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

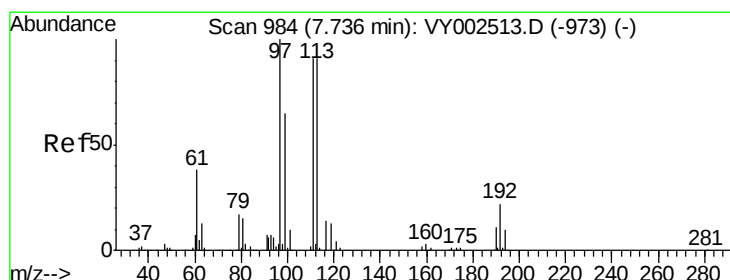
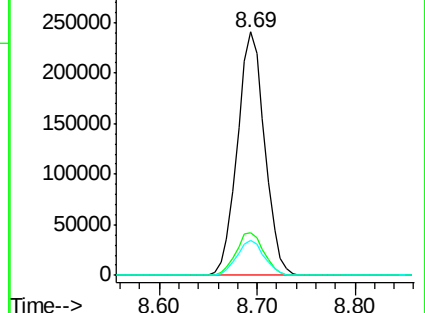
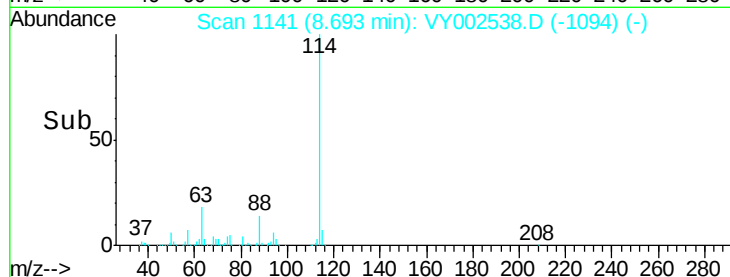
88 14.2 0.0 29.6



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: 53.621 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002538.D

Acq: 04 May 2020 14:11

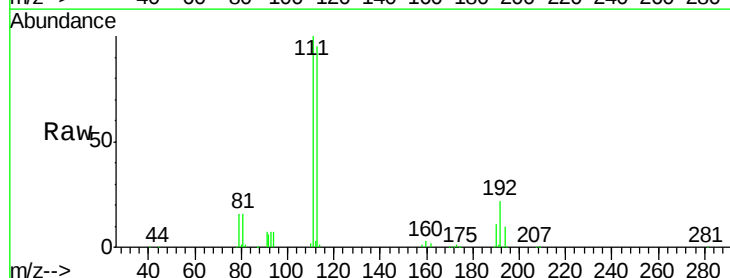
Tgt Ion:113 Resp: 142621

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.6

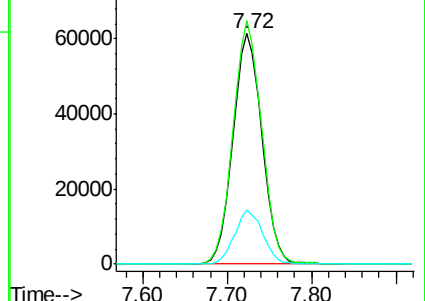
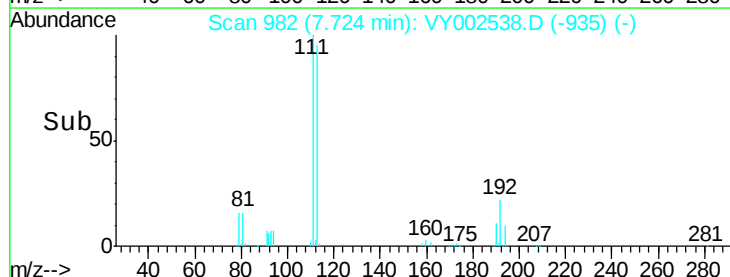
192 22.9 18.2 27.4

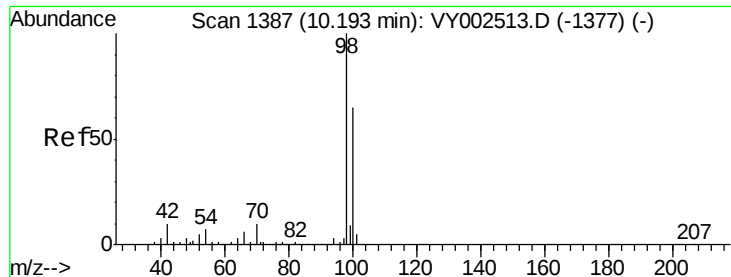


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.904 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002538.D

Acq: 04 May 2020 14:11

Instrument :

MSVOA_Y

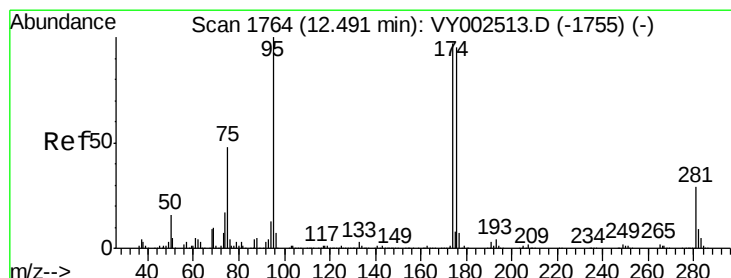
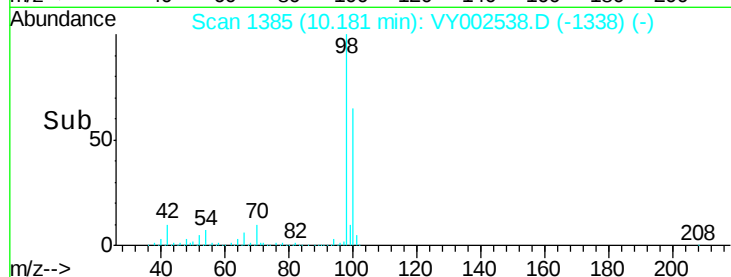
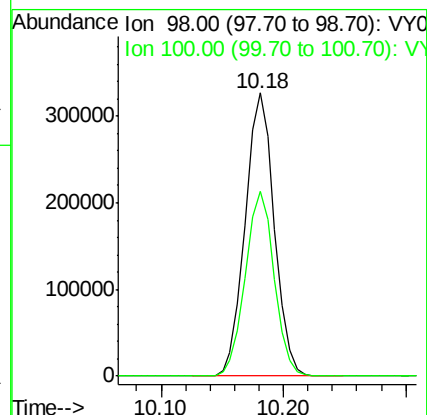
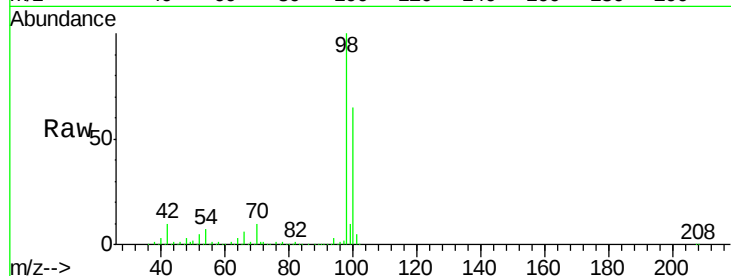
ClientSampleId :
209

Tot Ion: 98 Resp: 539127

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.452 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002538.D

Acq: 04 May 2020 14:11

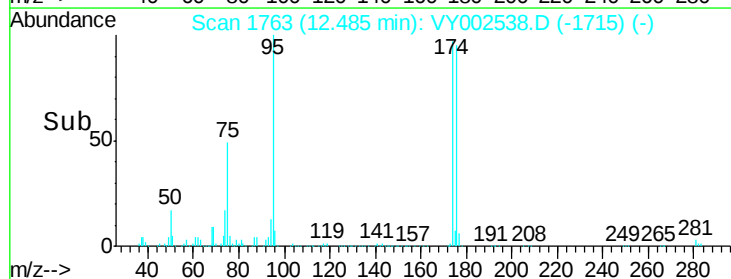
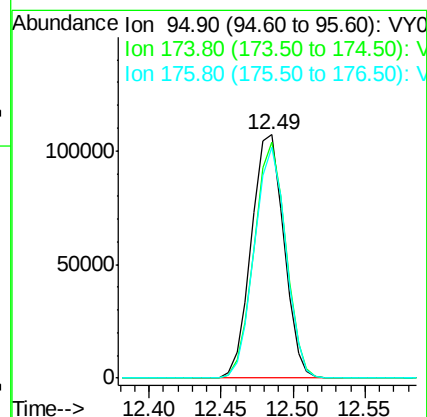
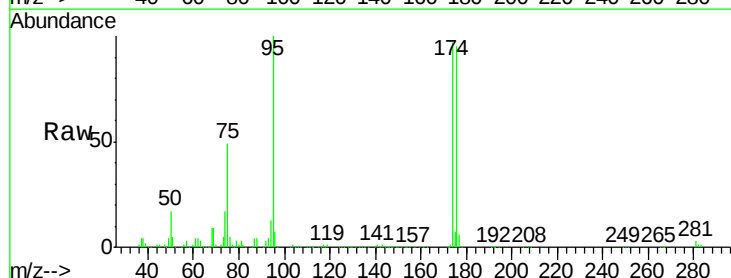
Tgt Ion: 95 Resp: 167247

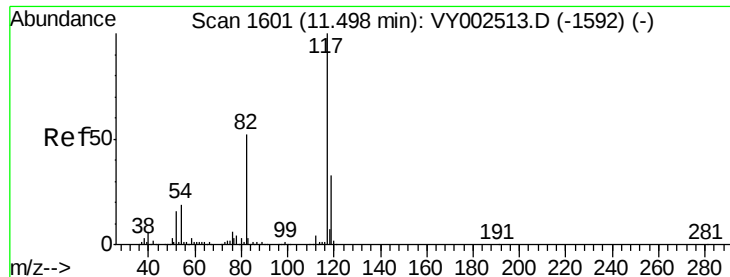
Ion Ratio Lower Upper

95 100

174 93.7 0.0 188.8

176 91.8 0.0 183.2

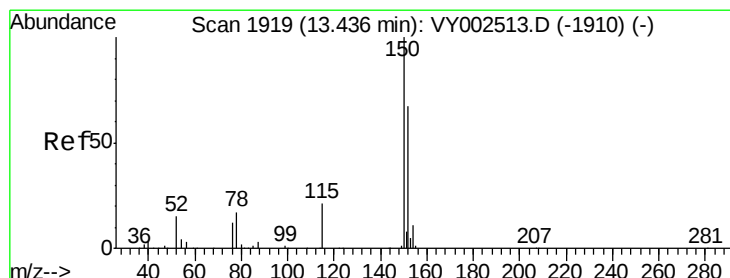
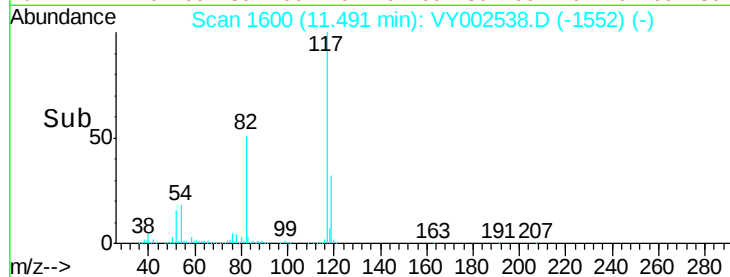
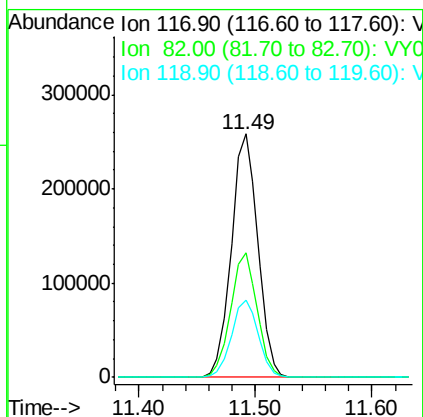
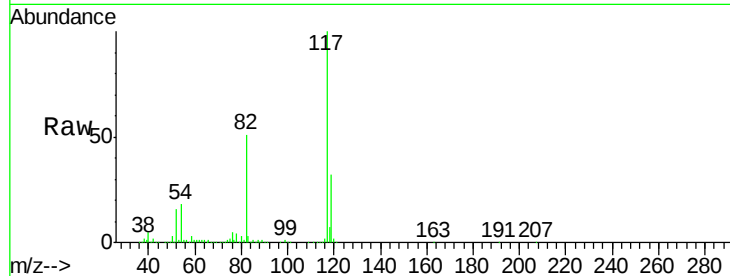




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002538.D
Acq: 04 May 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
209

Tot Ion:117 Resp: 409345
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002538.D
Acq: 04 May 2020 14:11

Tgt Ion:152 Resp: 181940
Ion Ratio Lower Upper
152 100
115 54.8 27.5 82.4
150 157.3 0.0 346.4

