

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
 Data File : VY002708.D
 Acq On : 18 May 2020 14:23
 Operator : SY/MD
 Sample : L2686-04
 Misc : 6.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: May 19 01:32:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	346084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	540338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	472385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216185	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	150795	55.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.40%	
35) Dibromofluoromethane	7.72	113	161520	54.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.34%	
50) Toluene-d8	10.18	98	621450	51.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.48	95	197313	47.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.64%	

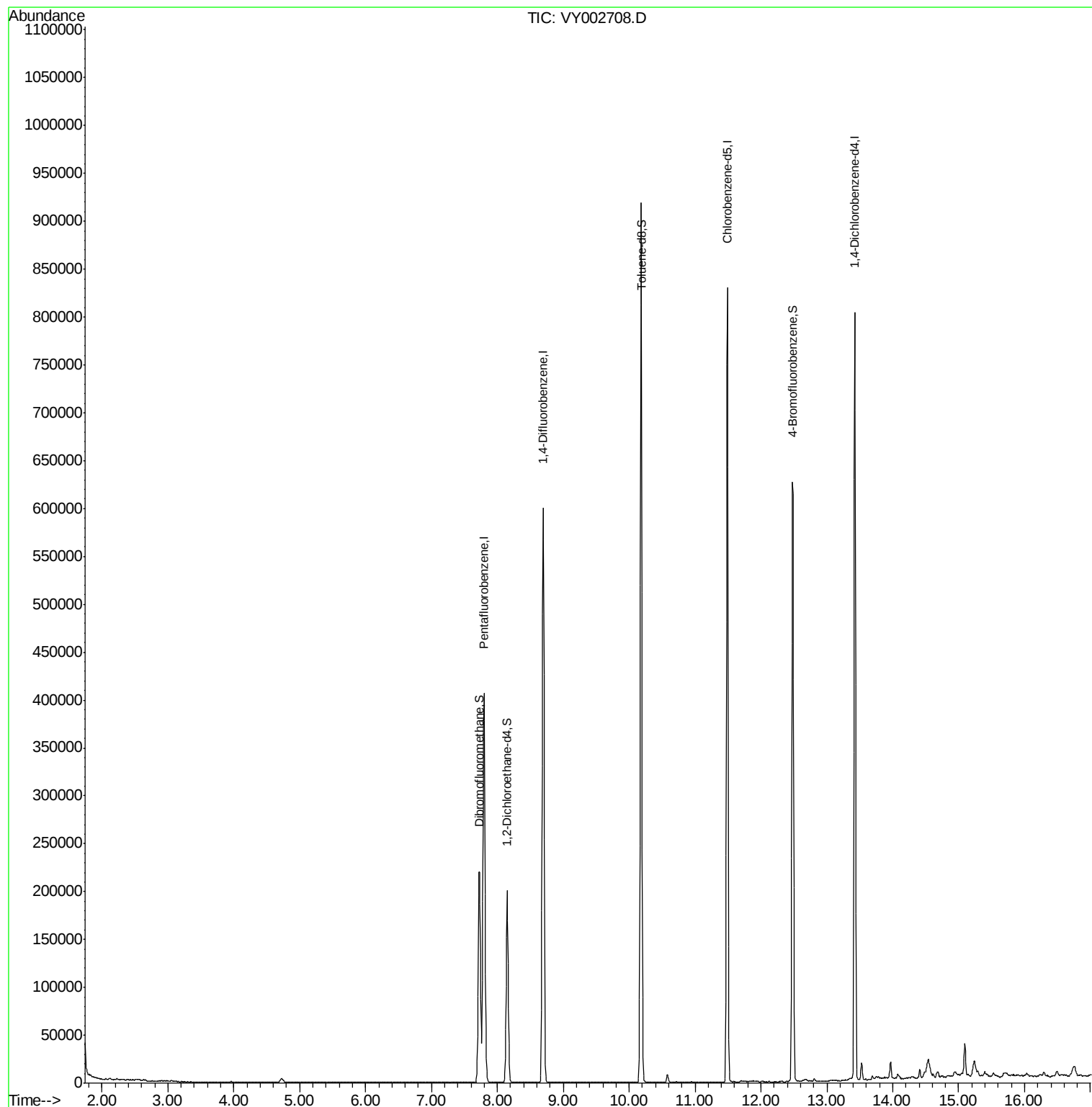
Target Compounds	Qvalue

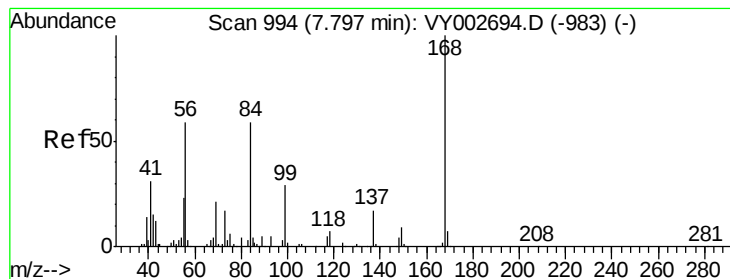
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002708.D

Acq: 18 May 2020 14:23

Instrument :

MSVOA_Y

ClientSampleId :

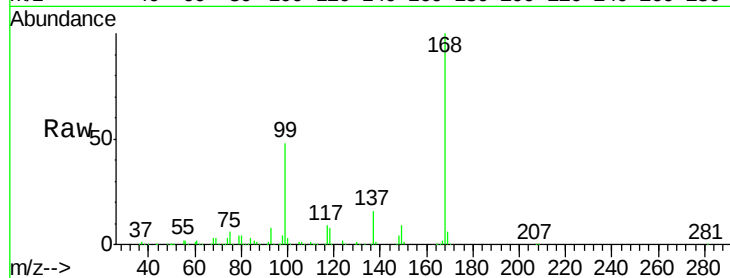
VNJ-241

Tot Ion:168 Resp: 346084

Ion Ratio Lower Upper

168 100

99 48.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002708.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002708.D (-945) (-)

7.80

150000

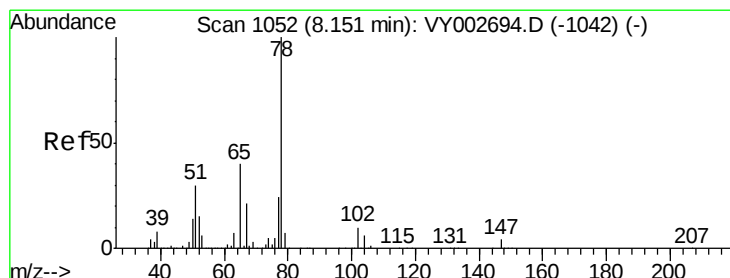
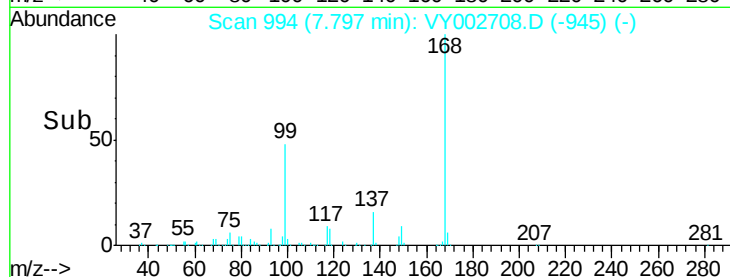
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.703 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002708.D

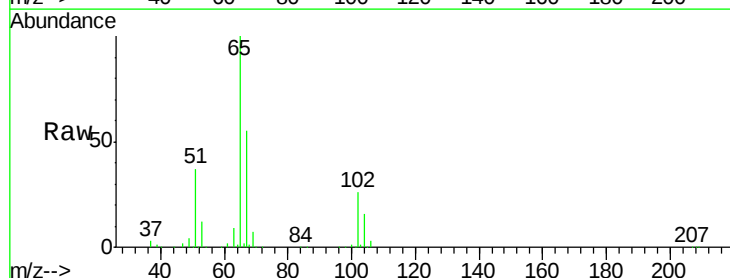
Acq: 18 May 2020 14:23

Tgt Ion: 65 Resp: 150795

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002708.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002708.D (-1003) (-)

8.15

80000

60000

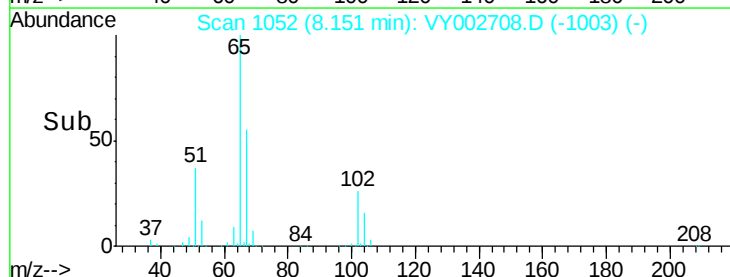
40000

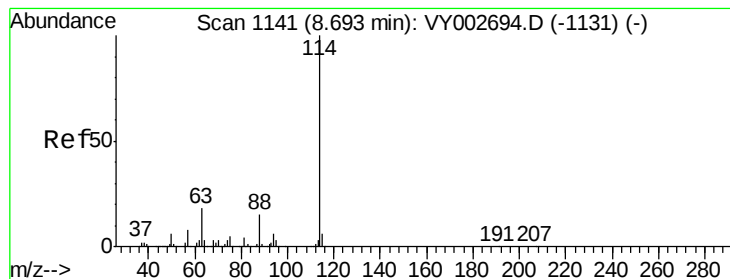
20000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002708.D

Acq: 18 May 2020 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

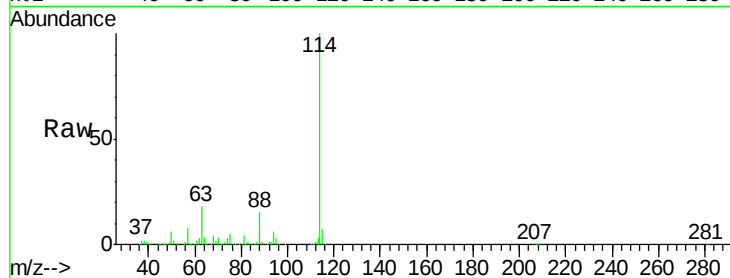
Tot Ion:114 Resp: 540338

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.4

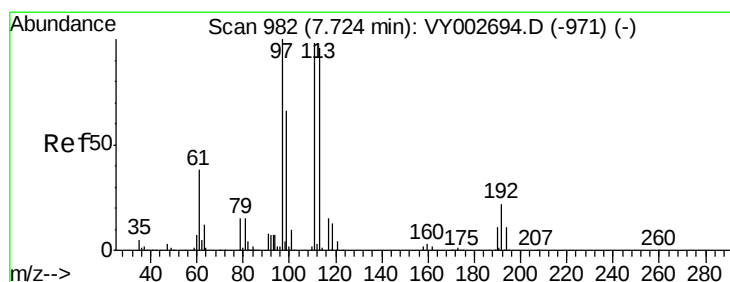
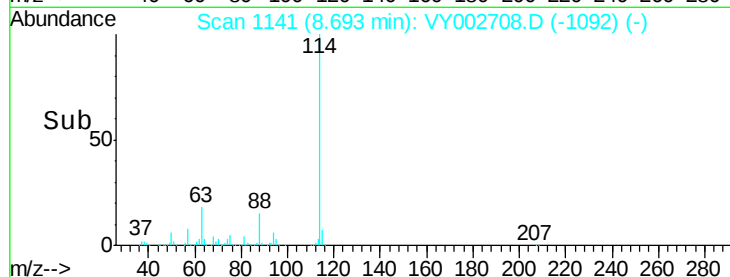
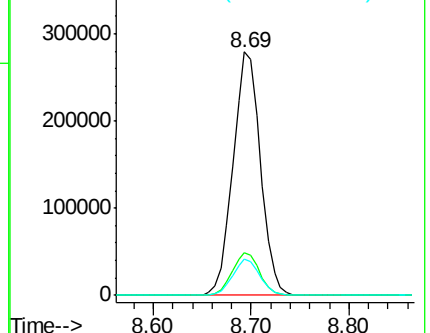
88 15.0 0.0 29.4



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: 54.165 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002708.D

Acq: 18 May 2020 14:23

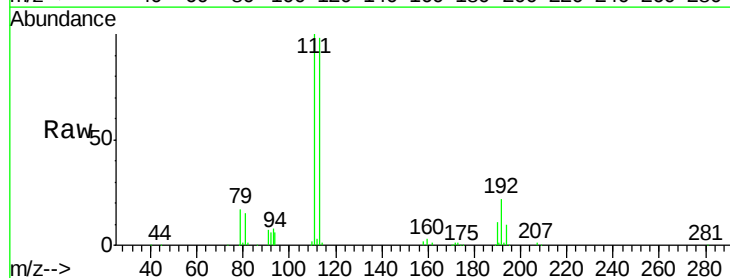
Tgt Ion:113 Resp: 161520

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

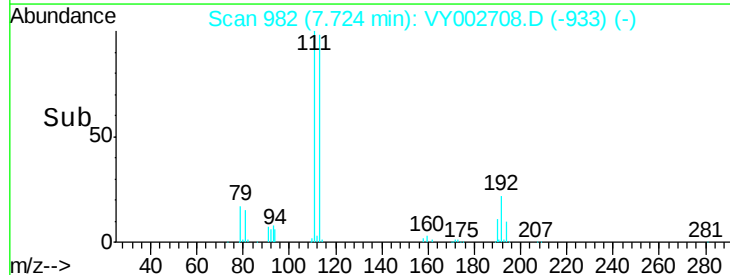
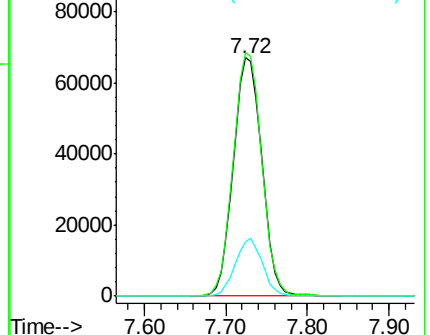
192 22.8 18.6 27.8

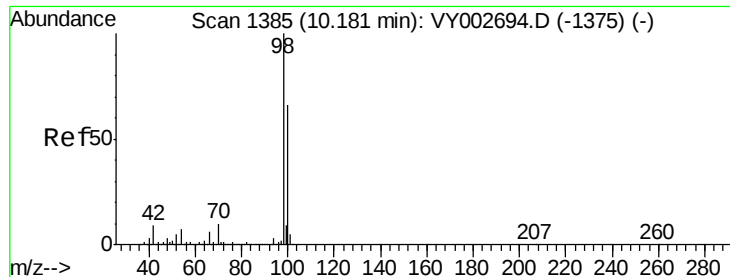


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.763 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002708.D

Acq: 18 May 2020 14:23

Instrument :

MSVOA_Y

ClientSampleId :

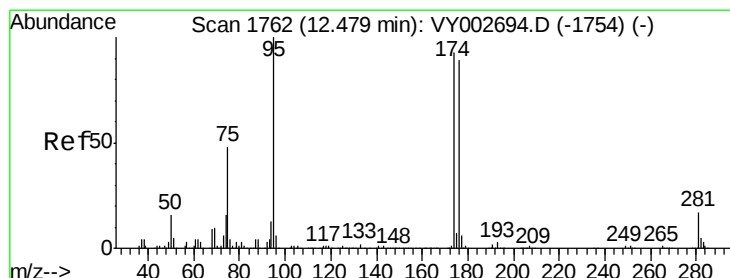
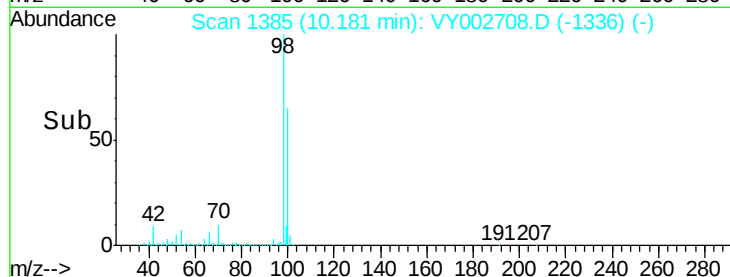
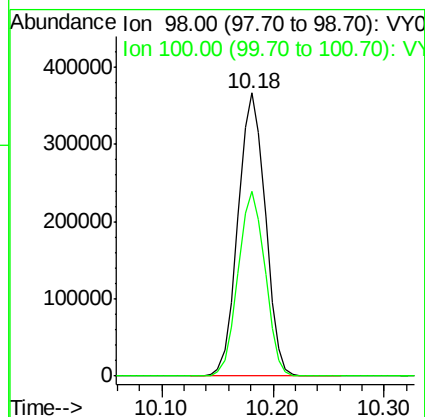
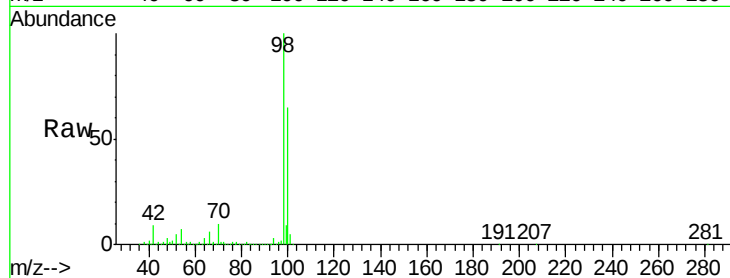
VNJ-241

Tot Ion: 98 Resp: 621450

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.817 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002708.D

Acq: 18 May 2020 14:23

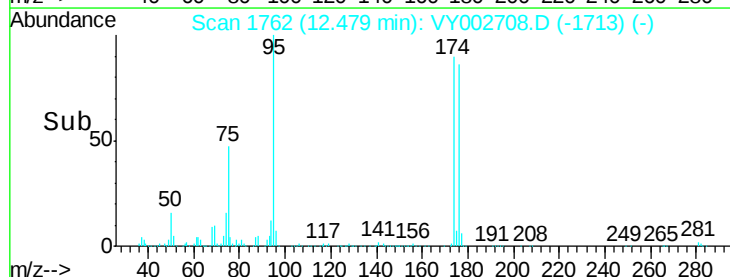
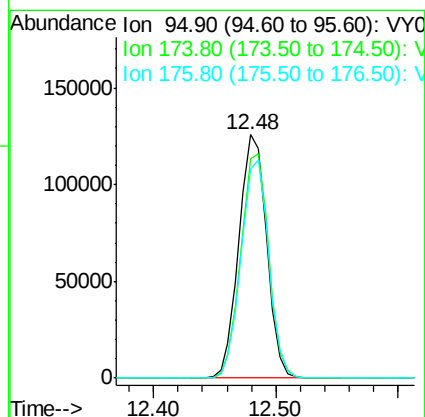
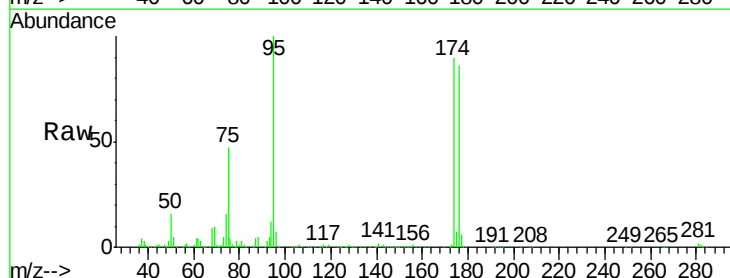
Tgt Ion: 95 Resp: 197313

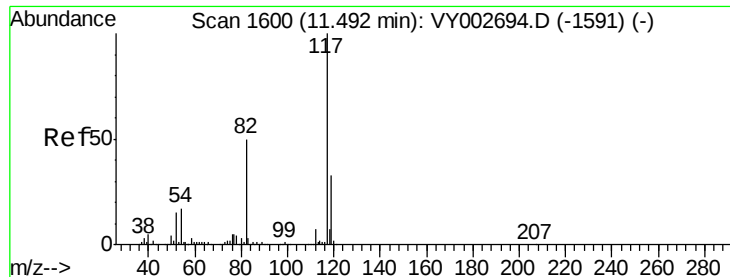
Ion Ratio Lower Upper

95 100

174 93.0 0.0 191.4

176 89.5 0.0 186.0

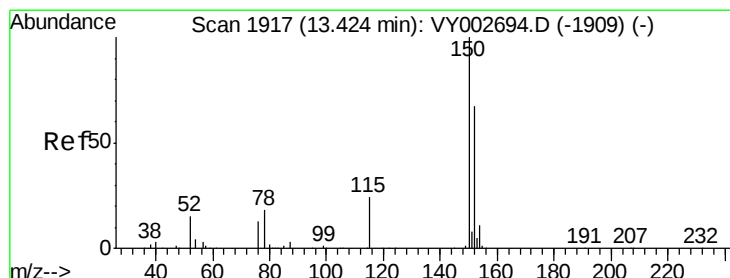
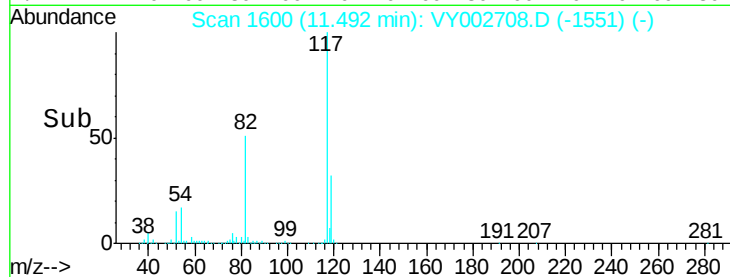
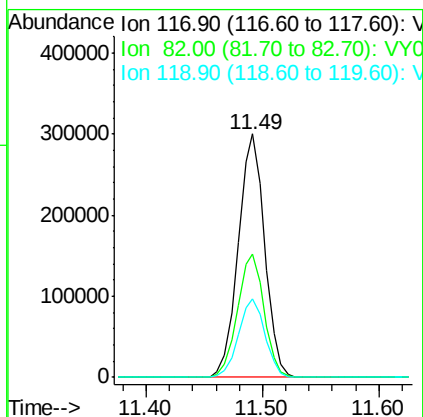
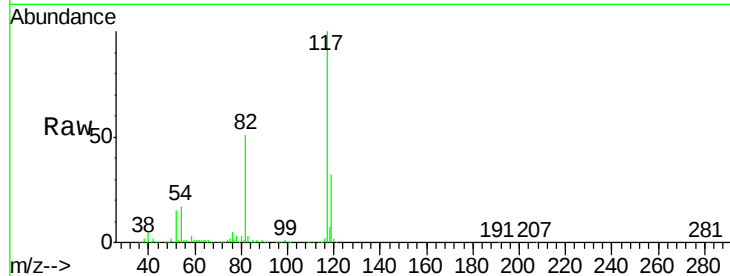




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002708.D
Acq: 18 May 2020 14:23

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

Tot Ion:117 Resp: 472385
Ion Ratio Lower Upper
117 100
82 50.7 40.3 60.5
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002708.D
Acq: 18 May 2020 14:23

Tgt Ion:152 Resp: 216185
Ion Ratio Lower Upper
152 100
115 53.8 27.2 81.6
150 157.1 0.0 343.8

