

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002232.D
 Acq On : 06 Apr 2020 13:25
 Operator : SY/MD
 Sample : L2157-02
 Misc : 4.69G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-226

Quant Time: Apr 07 05:04:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	130077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	258391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	237360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101442	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	77938	54.20	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.40%	
35) Dibromofluoromethane	7.73	113	74720	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	10.18	98	314556	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.48	95	107345	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

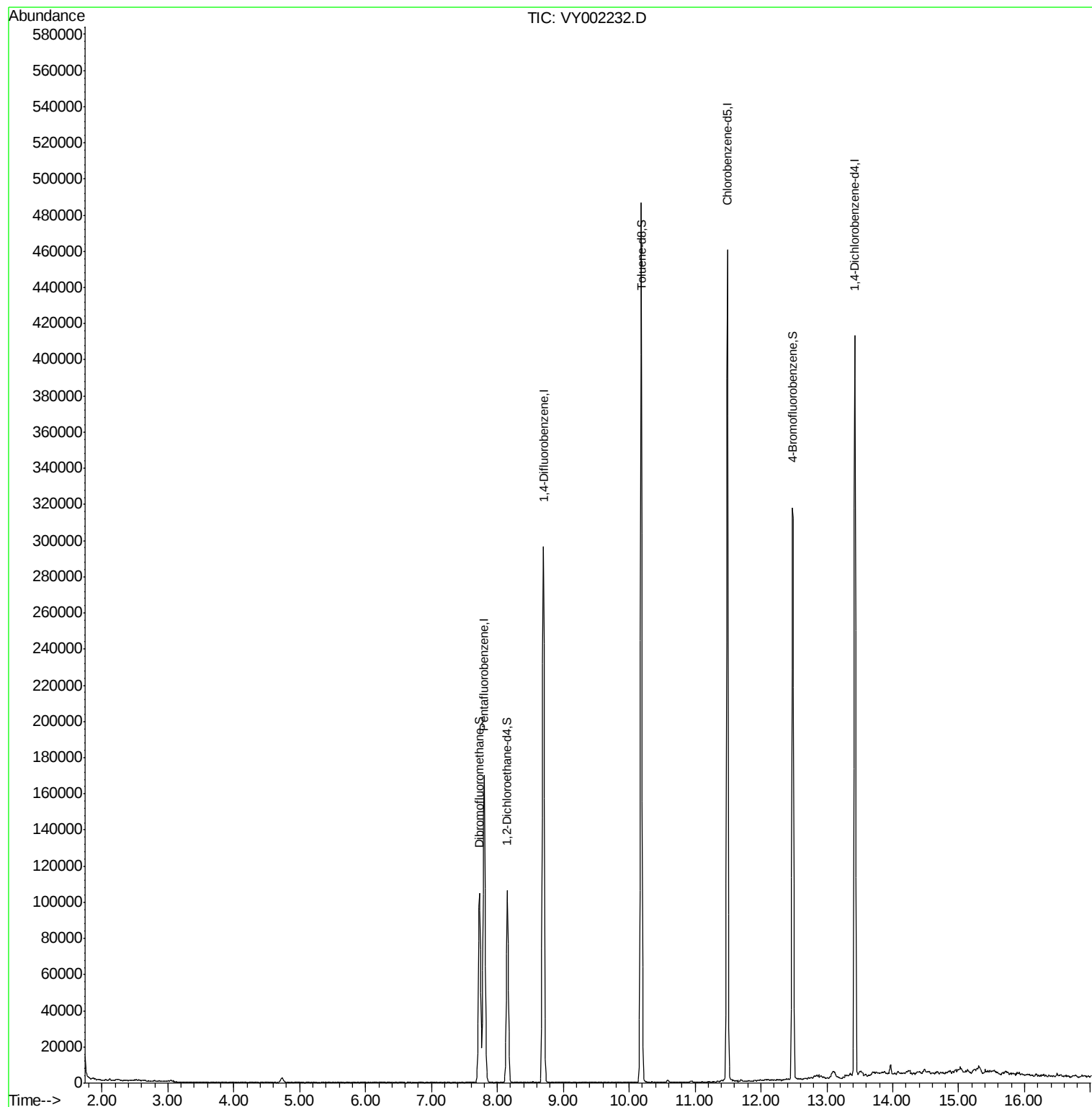
Target Compounds	Qvalue

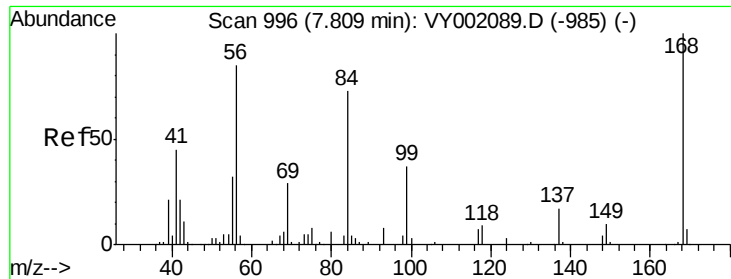
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002232.D

Acq: 06 Apr 2020 13:25

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ClientSampleId :

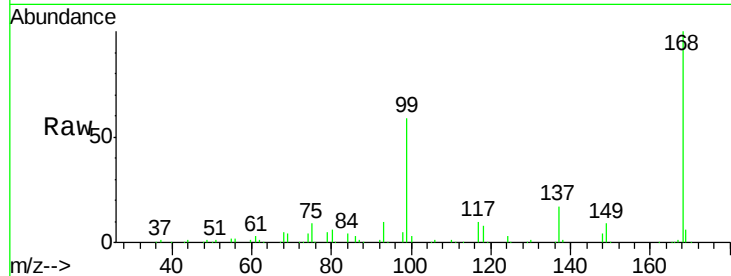
VNJ-226

Tot Ion:168 Resp: 130077

Ion Ratio Lower Upper

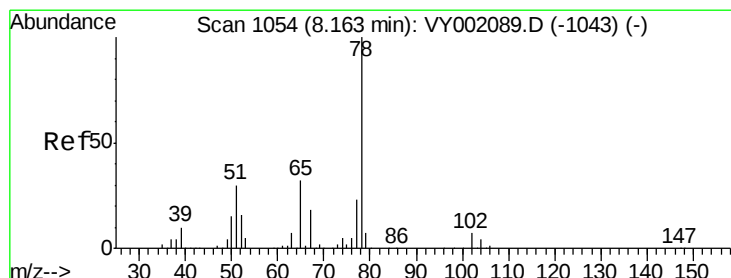
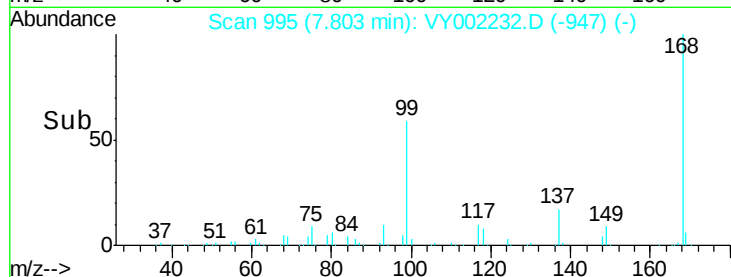
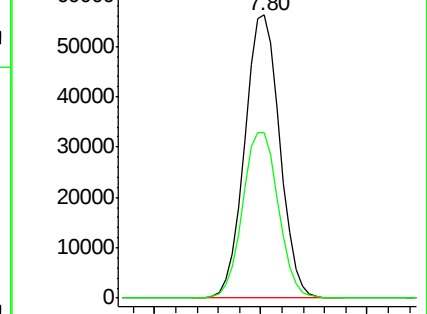
168 100

99 58.6 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.200 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002232.D

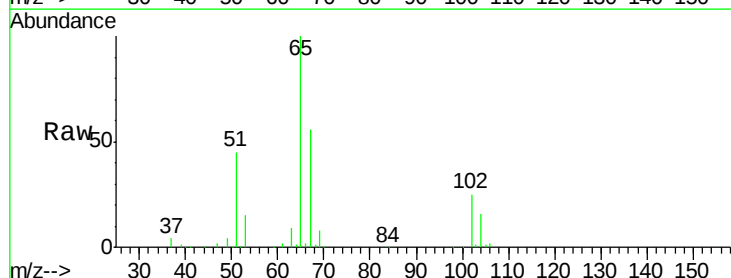
Acq: 06 Apr 2020 13:25

Tgt Ion: 65 Resp: 77938

Ion Ratio Lower Upper

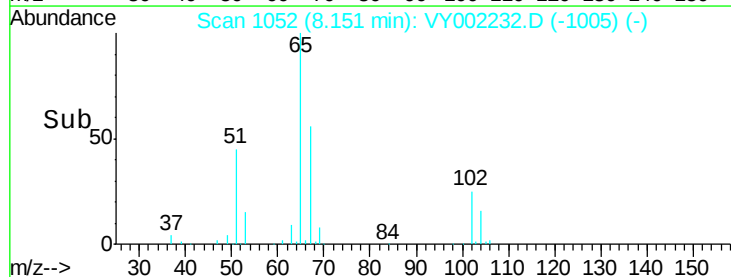
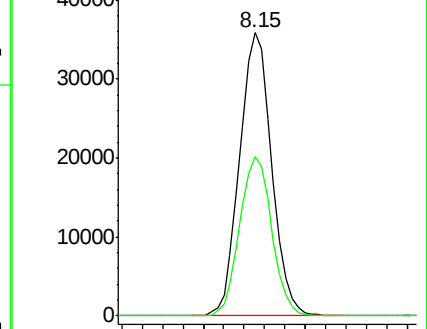
65 100

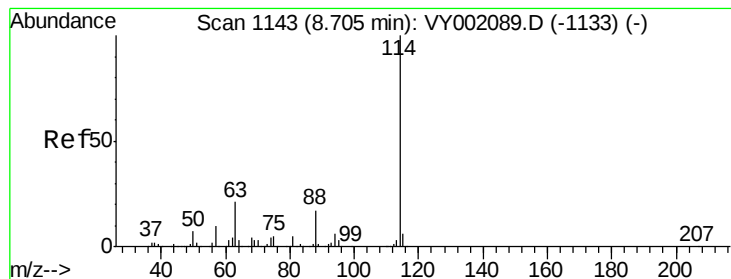
67 56.4 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002089.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002089.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002232.D

Acq: 06 Apr 2020 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-226

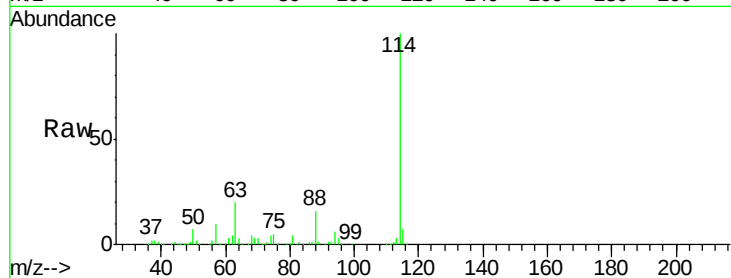
Tot Ion:114 Resp: 258391

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

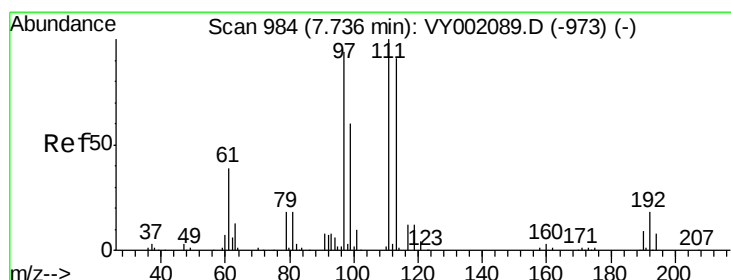
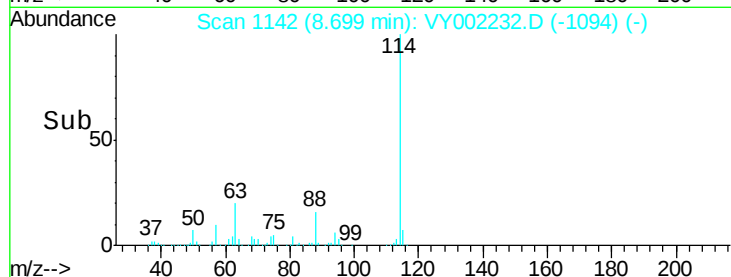
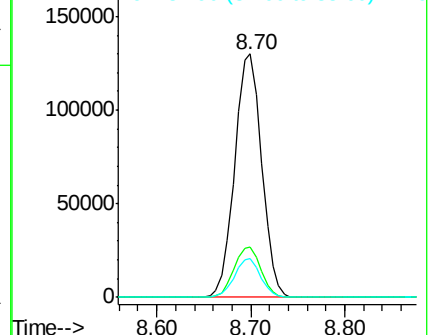
88 15.7 0.0 33.0



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: 51.609 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002232.D

Acq: 06 Apr 2020 13:25

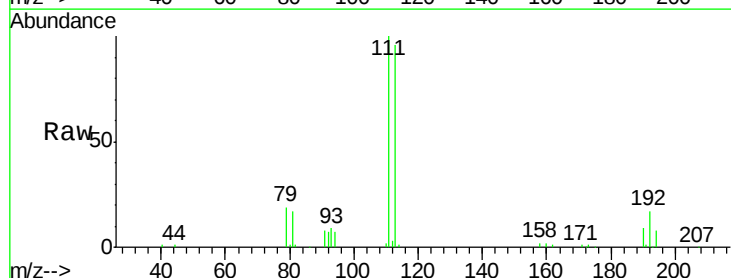
Tgt Ion:113 Resp: 74720

Ion Ratio Lower Upper

113 100

111 102.8 84.4 126.6

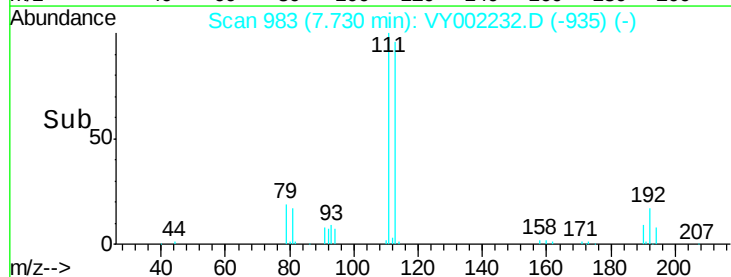
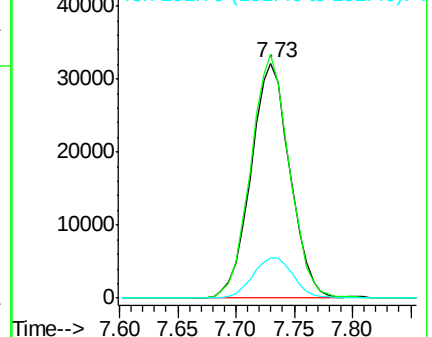
192 17.9 14.6 21.8

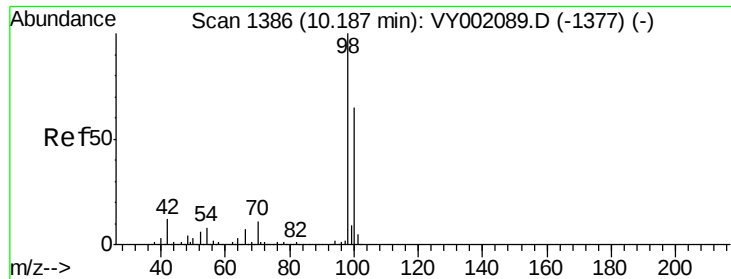


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.299 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002232.D

Acq: 06 Apr 2020 13:25

Instrument :

MSVOA_Y

ClientSampleId :

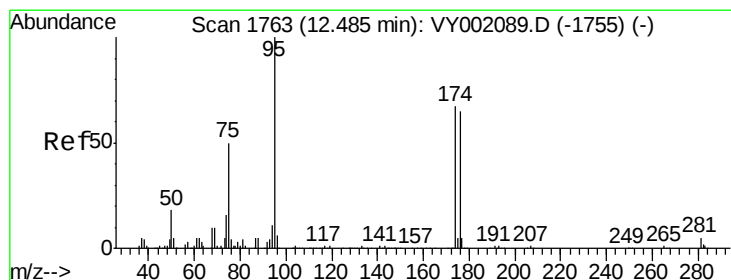
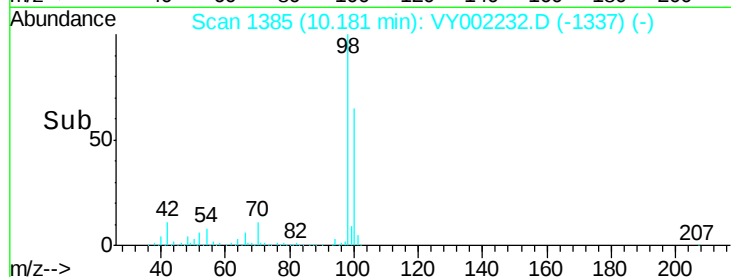
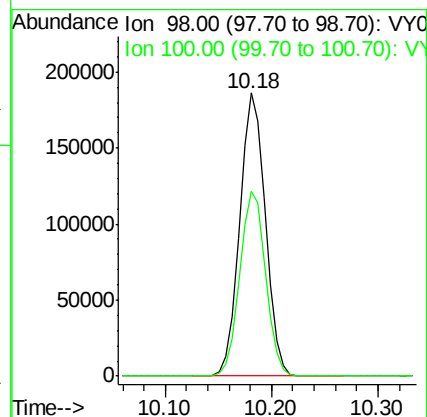
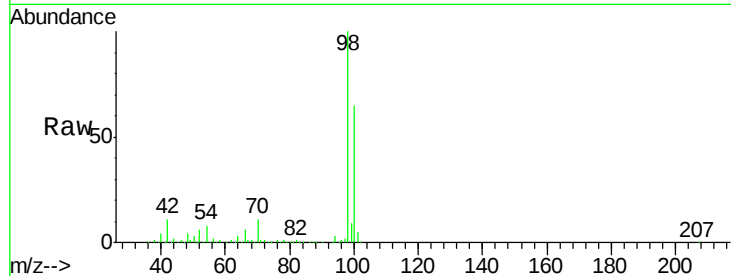
VNJ-226

Tot Ion: 98 Resp: 314556

Ion Ratio Lower Upper

98 100

100 66.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 51.032 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002232.D

Acq: 06 Apr 2020 13:25

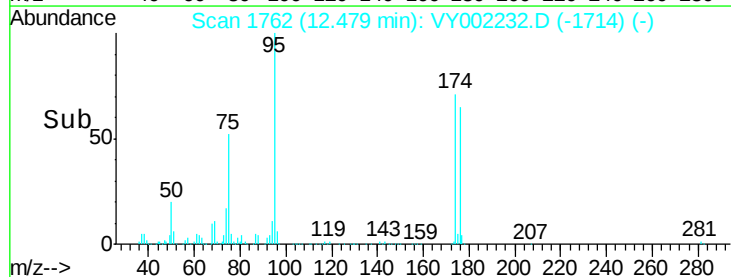
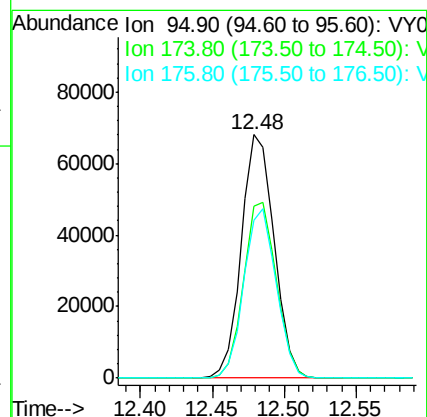
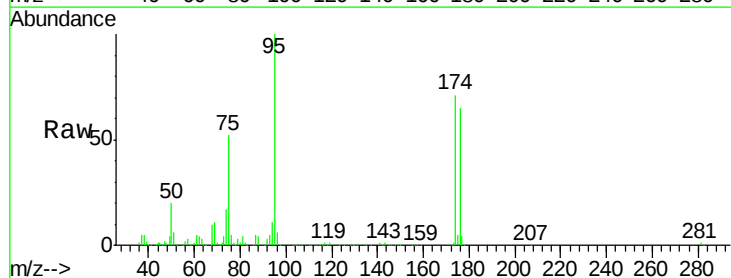
Tgt Ion: 95 Resp: 107345

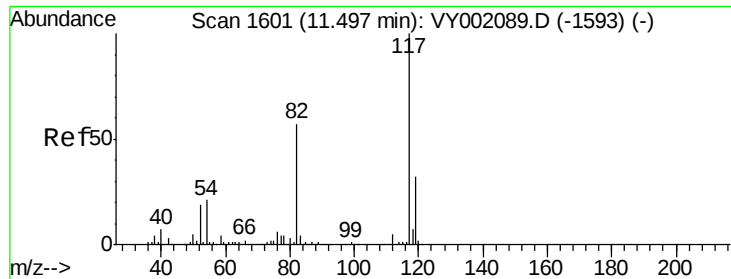
Ion Ratio Lower Upper

95 100

174 72.0 0.0 143.4

176 68.9 0.0 137.0

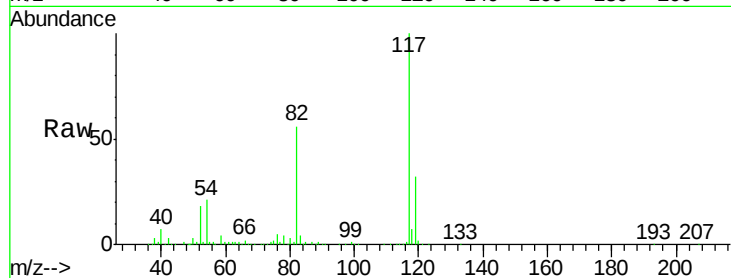




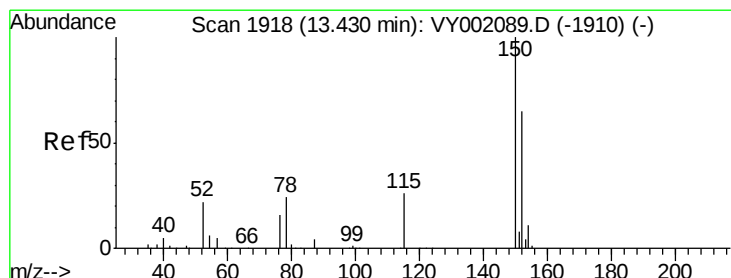
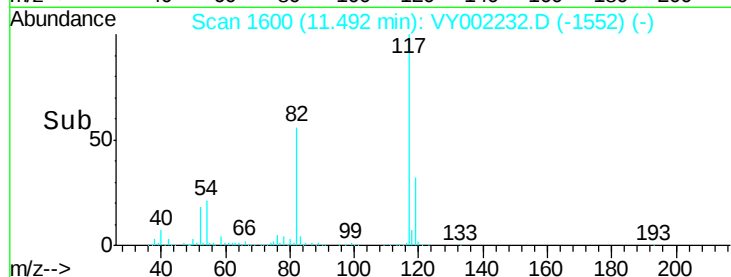
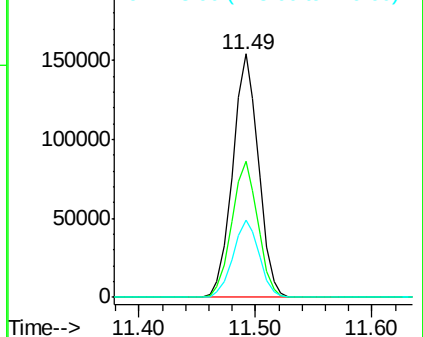
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002232.D
Acq: 06 Apr 2020 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-226

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.4	68.2
119	31.5	25.3	37.9

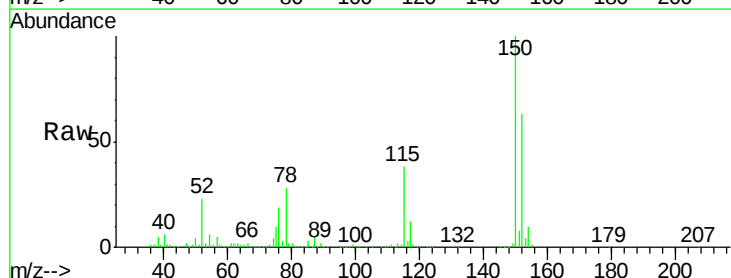


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002232.D
Acq: 06 Apr 2020 13:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.2	93.6
150	157.7	0.0	354.8



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

