

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002169.D
 Acq On : 01 Apr 2020 17:33
 Operator : SY/MD
 Sample : L2129-01
 Misc : 6.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Quant Time: Apr 02 07:52:04 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	7.82	168	113188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	223930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	199683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	75917	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	71908	57.47	ug/l	0.00
Spiked Amount			Recovery	=	114.94%	
35) Dibromofluoromethane	7.74	113	66473	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
50) Toluene-d8	10.19	98	271781	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.49	95	84464	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	

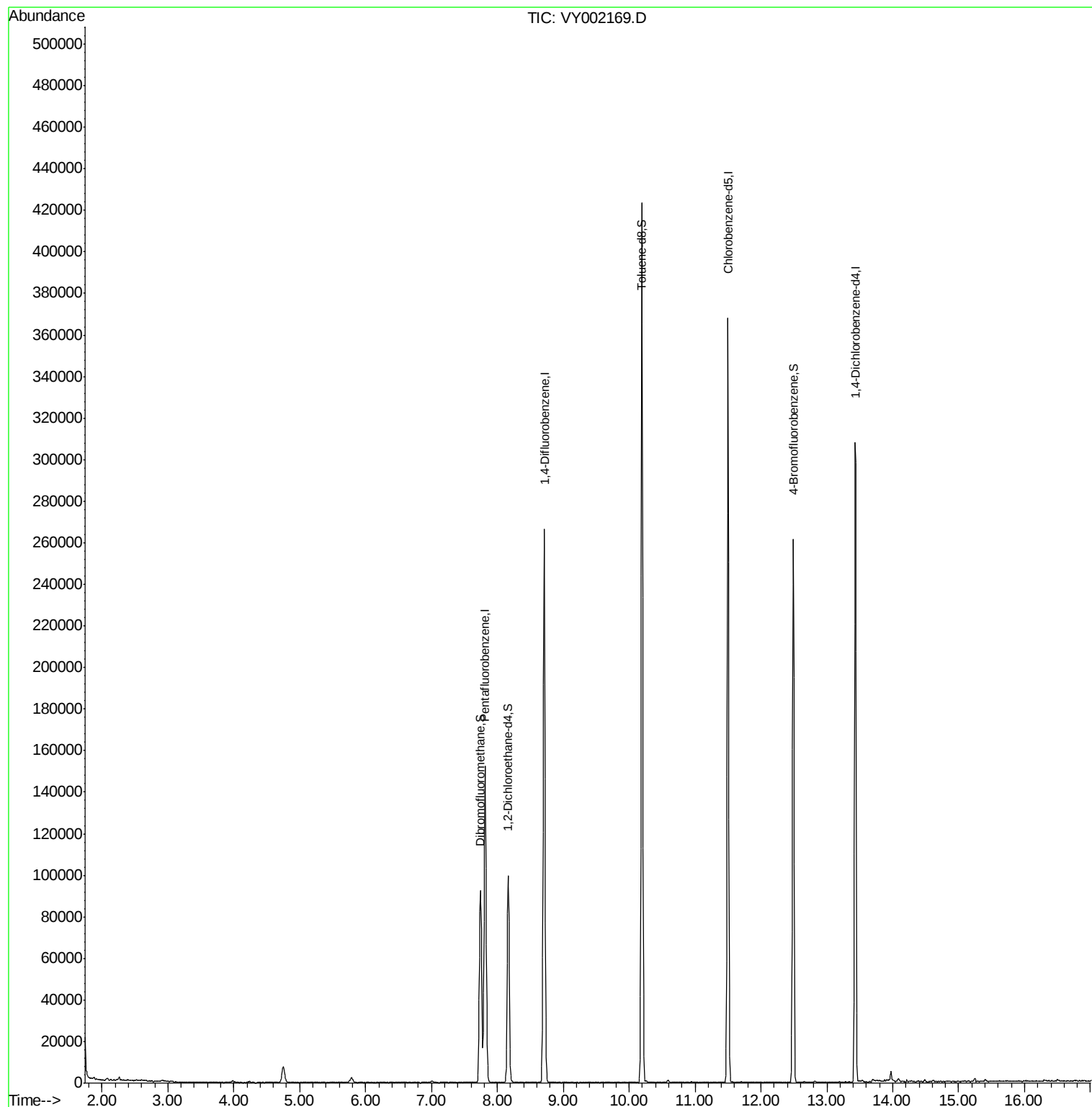
Target Compounds	Qvalue
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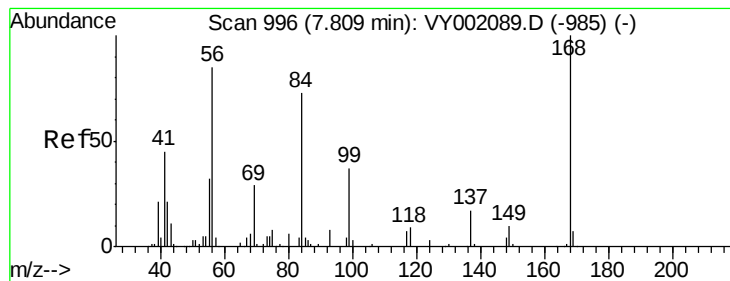
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

Instrument :

MSVOA_Y

ClientSampled :

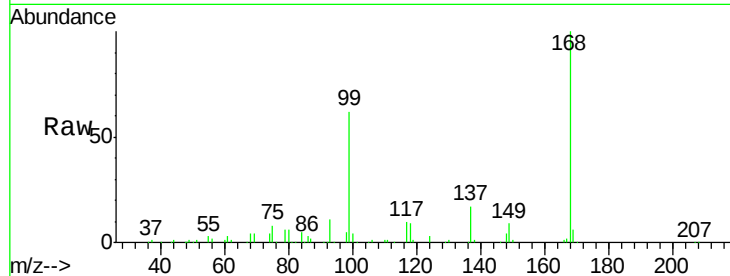
TP-9

Tot Ion:168 Resp: 113188

Ion Ratio Lower Upper

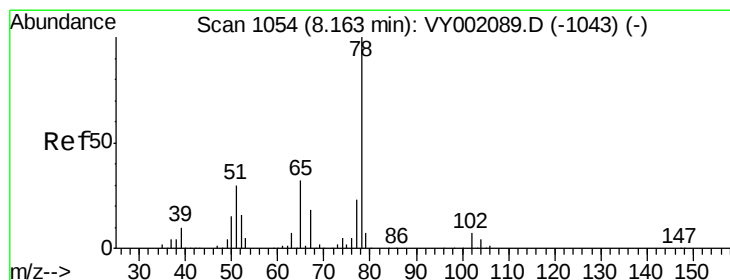
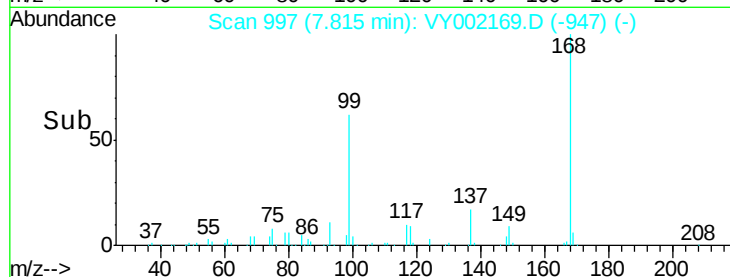
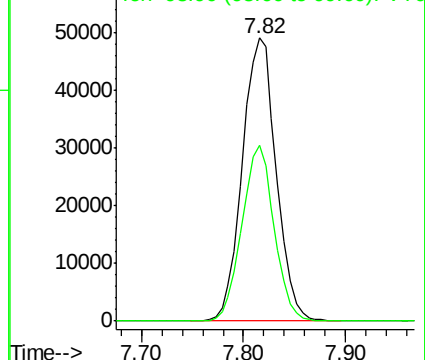
168 100

99 62.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002169.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002169.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.468 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002169.D

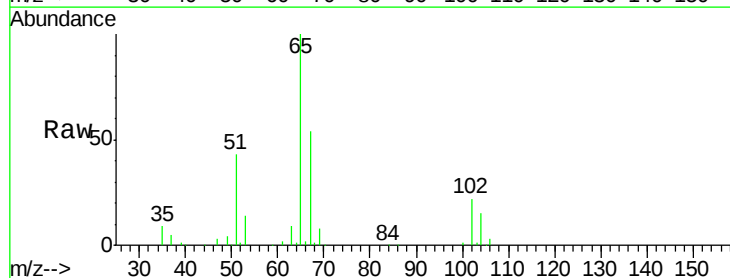
Acq: 01 Apr 2020 17:33

Tgt Ion: 65 Resp: 71908

Ion Ratio Lower Upper

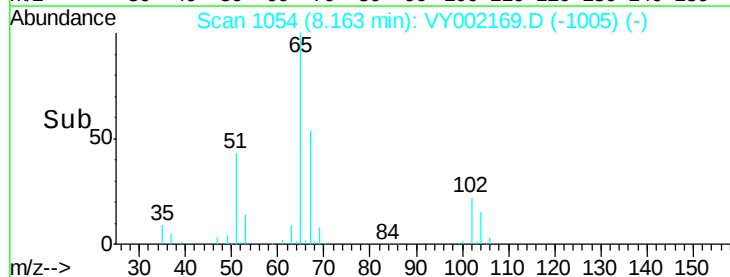
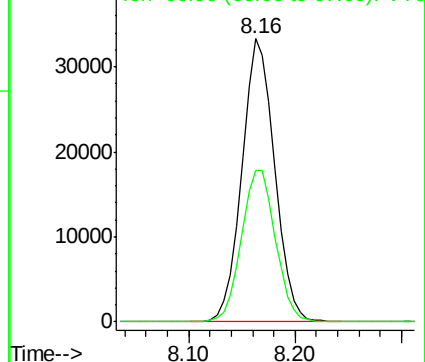
65 100

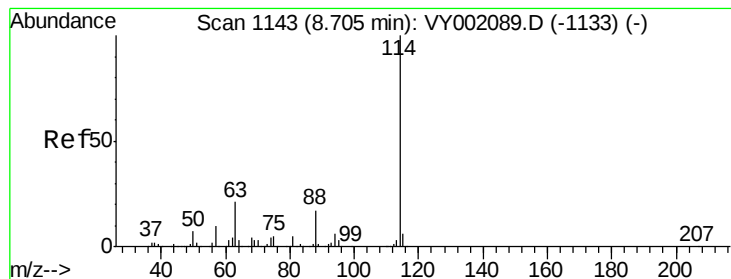
67 55.6 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002169.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002169.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-9

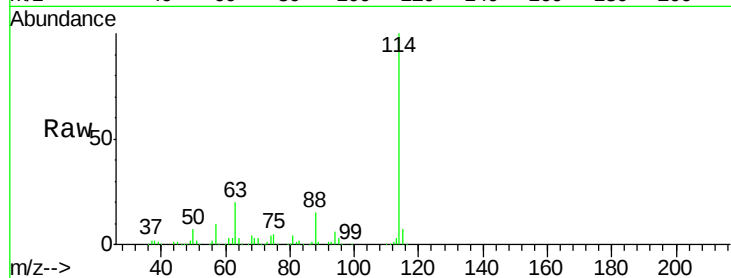
Tot Ion:114 Resp: 223930

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

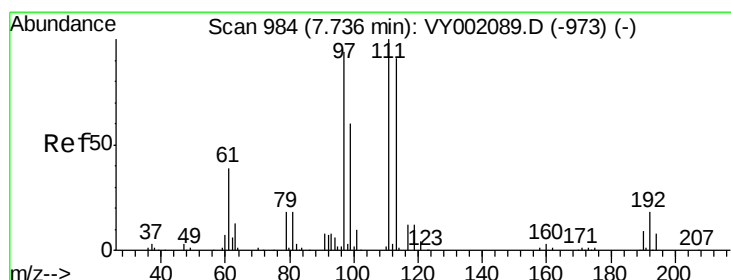
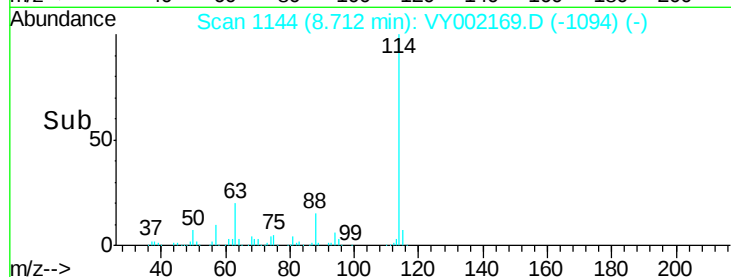
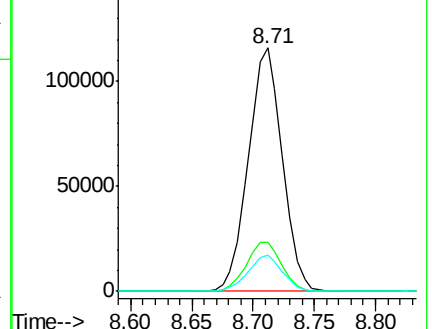
88 14.9 0.0 33.0



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: 52.979 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

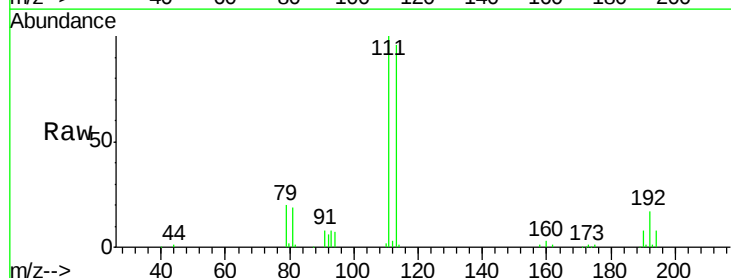
Tgt Ion:113 Resp: 66473

Ion Ratio Lower Upper

113 100

111 103.8 84.4 126.6

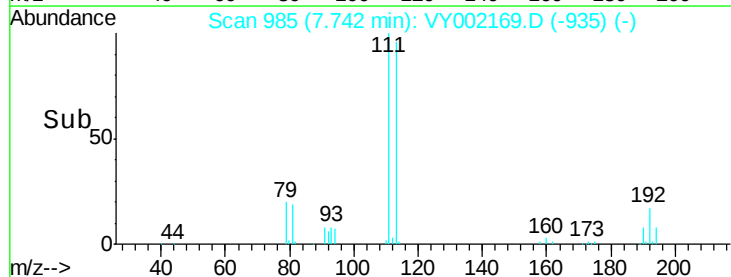
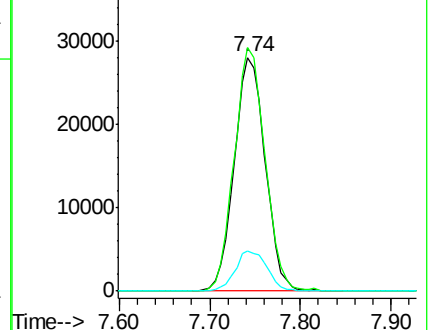
192 17.7 14.6 21.8

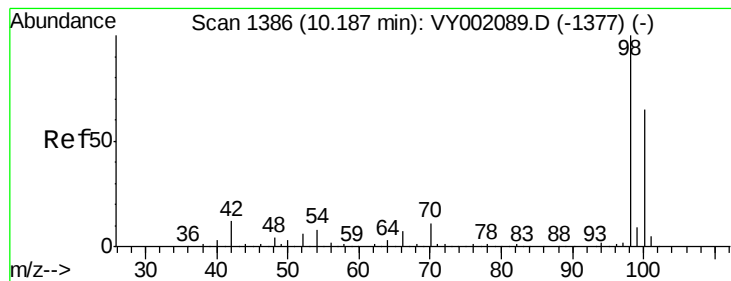


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.141 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

Instrument :

MSVOA_Y

ClientSampled :

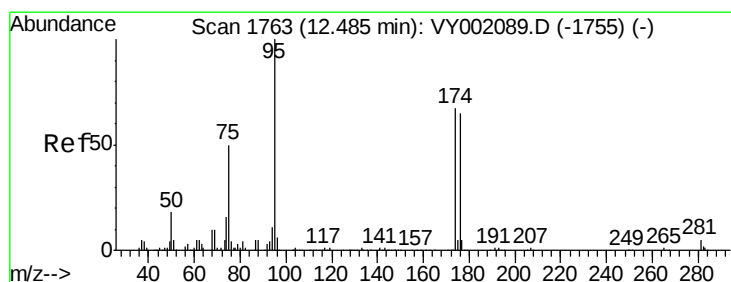
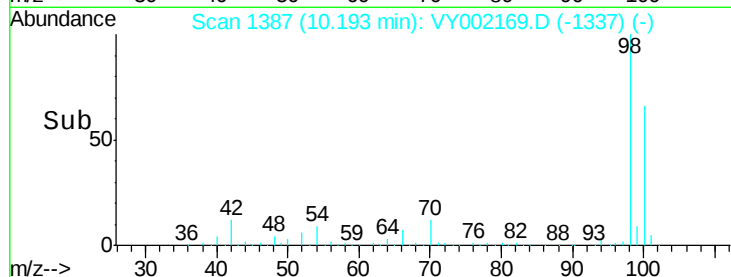
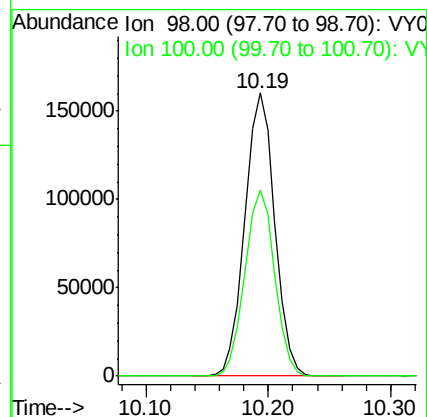
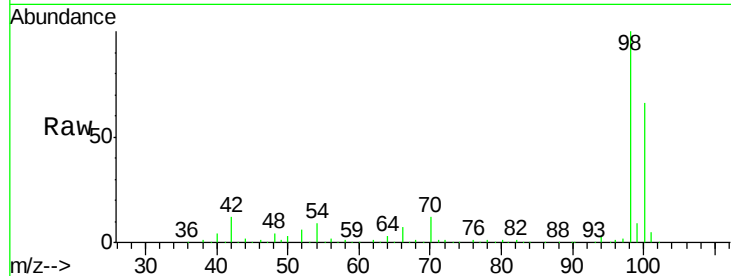
TP-9

Tot Ion: 98 Resp: 271781

Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.334 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

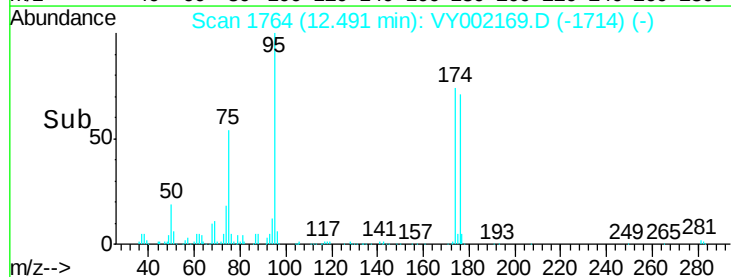
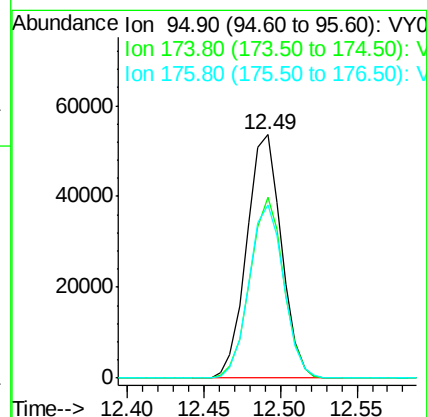
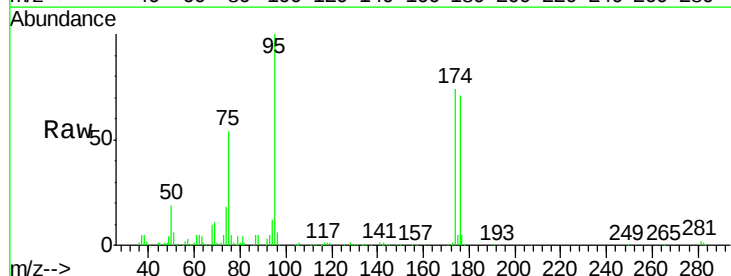
Tgt Ion: 95 Resp: 84464

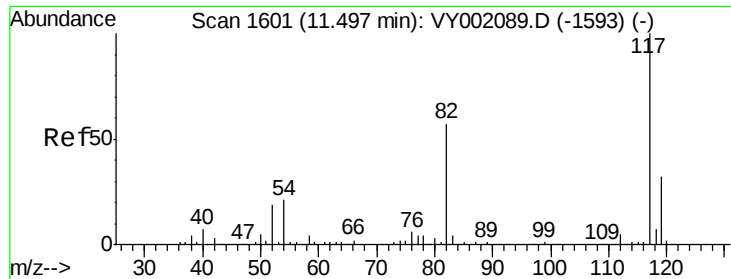
Ion Ratio Lower Upper

95 100

174 72.1 0.0 143.4

176 71.1 0.0 137.0

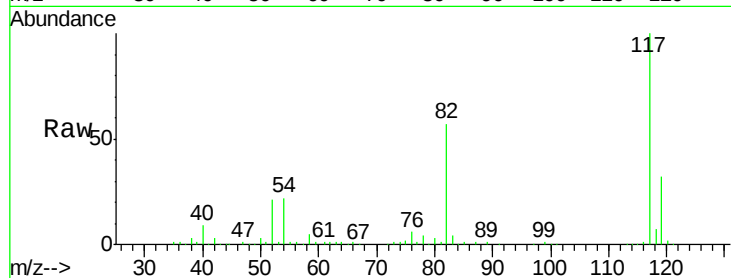




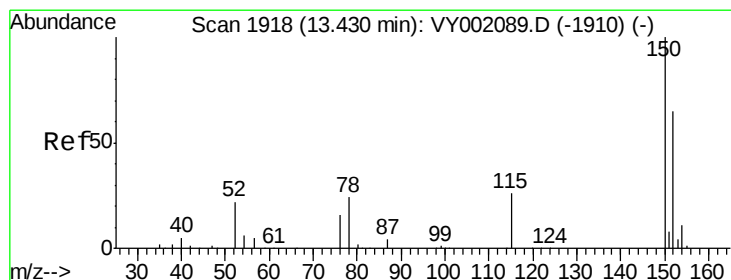
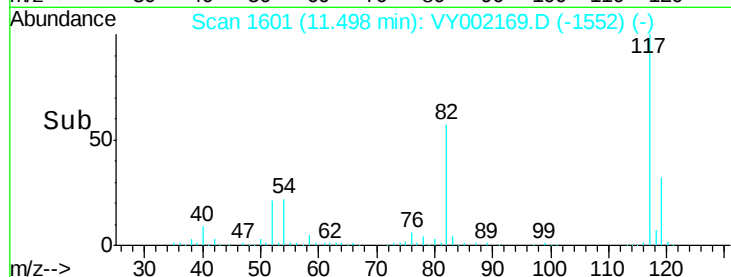
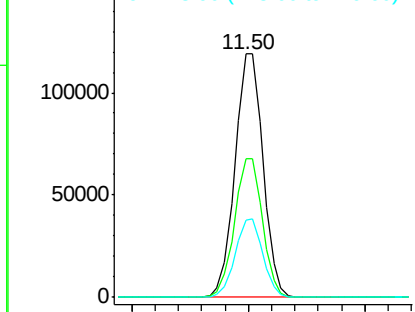
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002169.D
Acq: 01 Apr 2020 17:33

Instrument :
MSVOA_Y
ClientSampleId :
TP-9

Tot Ion:117 Resp: 199683
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 31.7 25.3 37.9

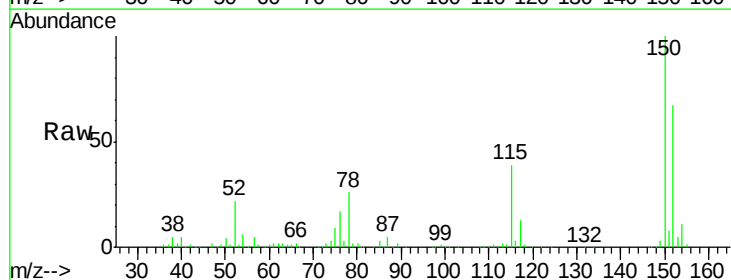


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002169.D
Acq: 01 Apr 2020 17:33

Tgt Ion:152 Resp: 75917
Ion Ratio Lower Upper
152 100
115 62.1 31.2 93.6
150 157.9 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

