

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001544.D
 Acq On : 06 Feb 2020 20:16
 Operator : SY/MD
 Sample : L1403-02
 Misc : 11.54G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-13.5-14

Quant Time: Feb 07 05:40:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	91362	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	159415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	143264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	66391	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	54101	58.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.62%	
35) Dibromofluoromethane	7.75	113	47954	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
50) Toluene-d8	10.20	98	186454	53.61	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.49	95	66619	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	

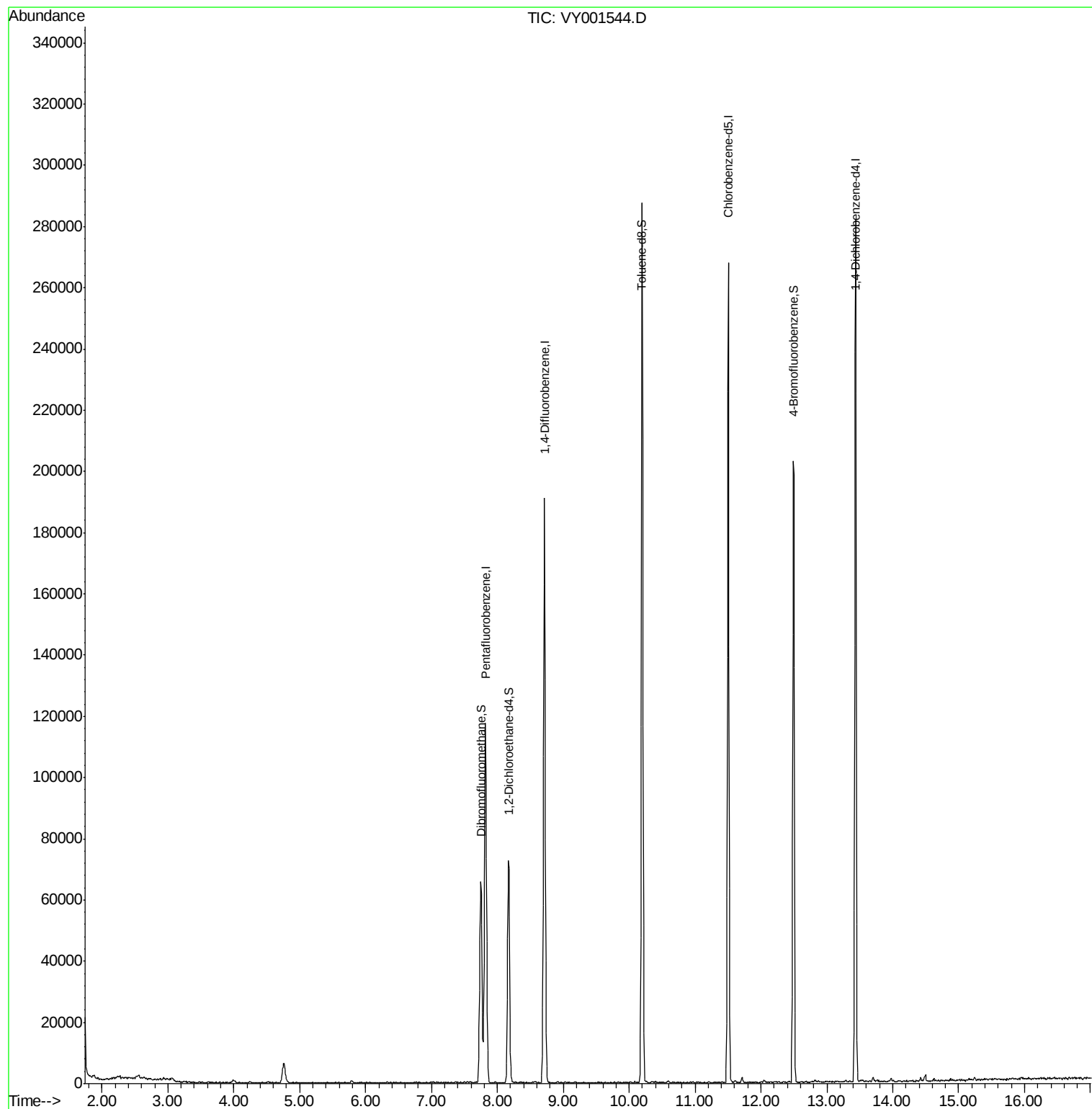
Target Compounds	Qvalue
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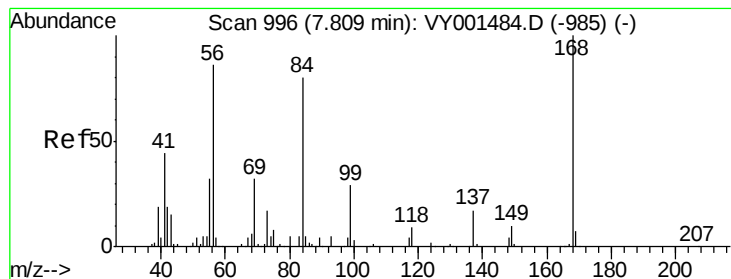
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001544.D

Acq: 06 Feb 2020 20:16

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MSVOA_Y

ClientSampleId :

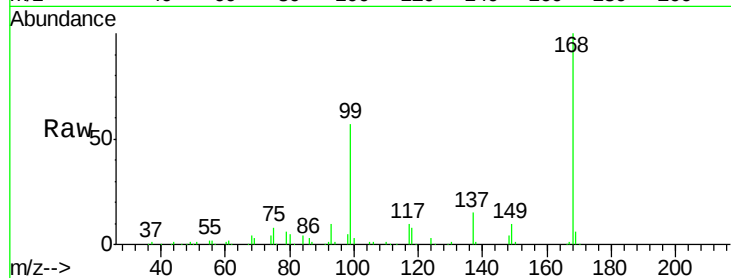
SB-2-13.5-14

Tot Ion:168 Resp: 91362

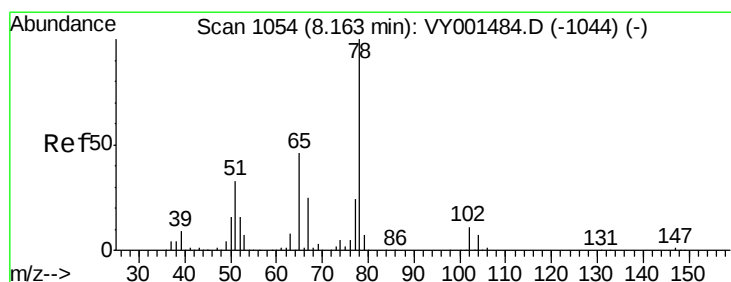
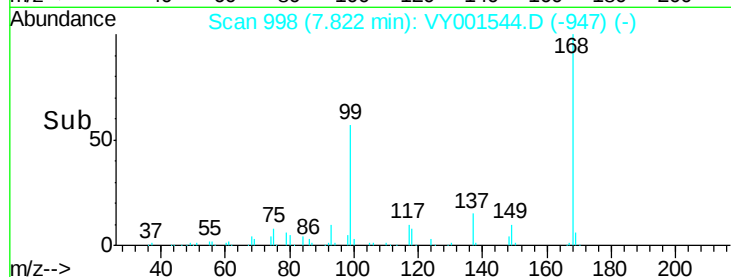
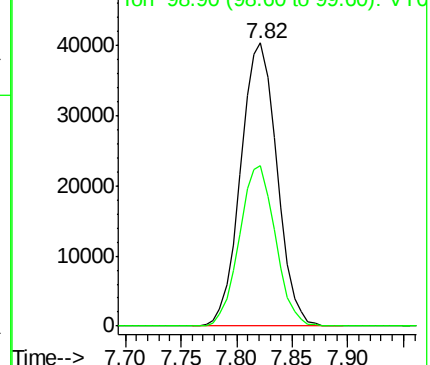
Ion Ratio Lower Upper

168 100

99 56.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001544.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.813 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001544.D

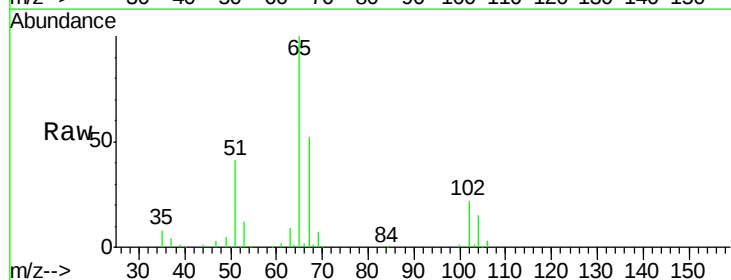
Acq: 06 Feb 2020 20:16

Tgt Ion: 65 Resp: 54101

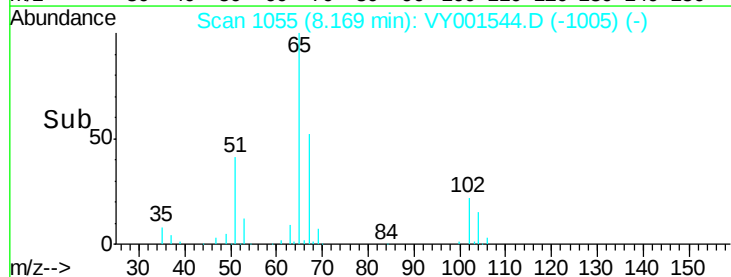
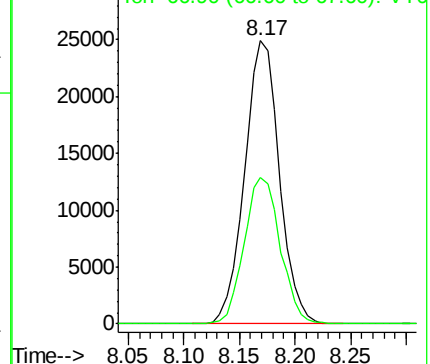
Ion Ratio Lower Upper

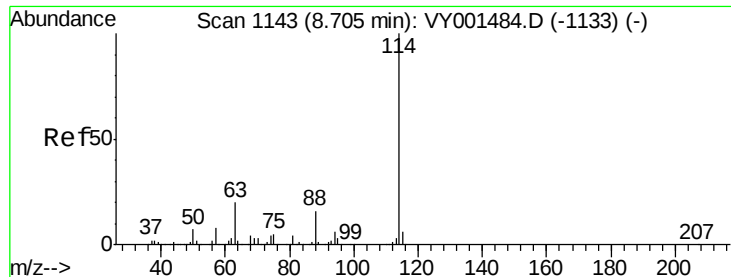
65 100

67 53.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001544.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: VY001544.D

Acq: 06 Feb 2020 20:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-13.5-14

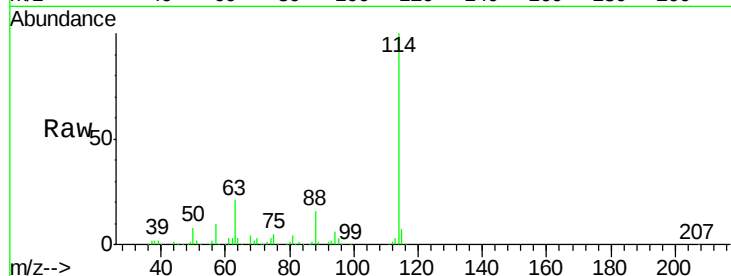
Tot Ion:114 Resp: 159415

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.8

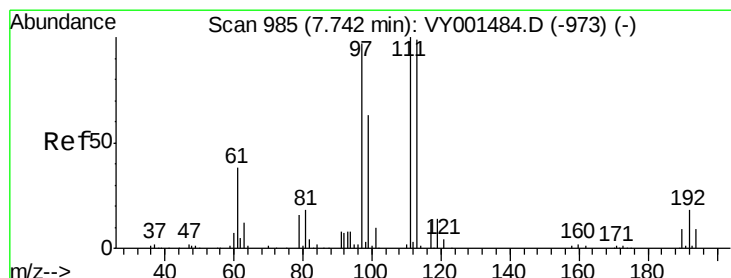
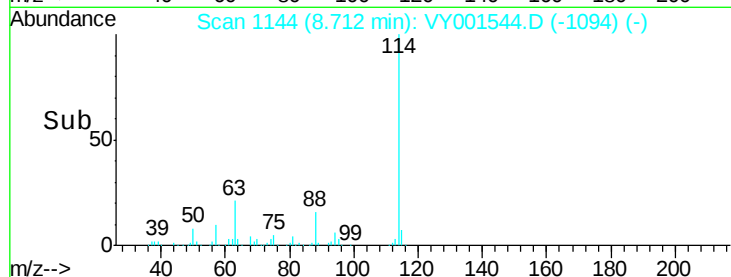
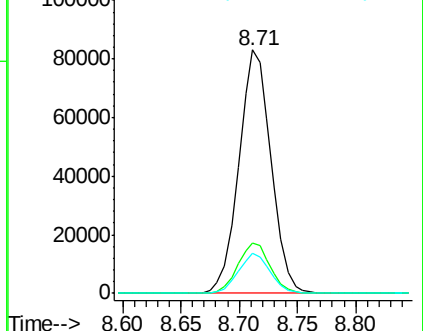
88 16.2 0.0 32.6



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: 52.166 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001544.D

Acq: 06 Feb 2020 20:16

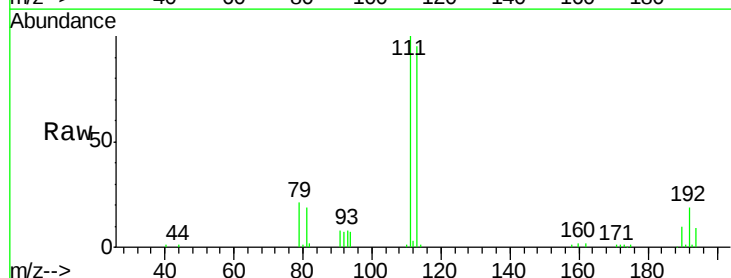
Tgt Ion:113 Resp: 47954

Ion Ratio Lower Upper

113 100

111 98.9 82.9 124.3

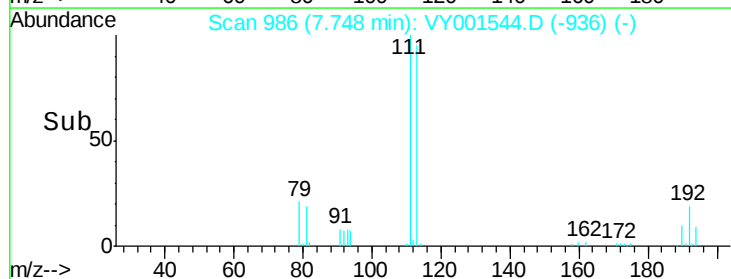
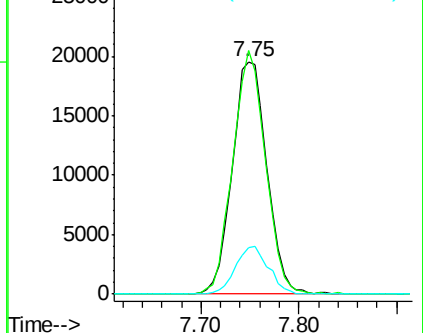
192 19.6 14.6 22.0

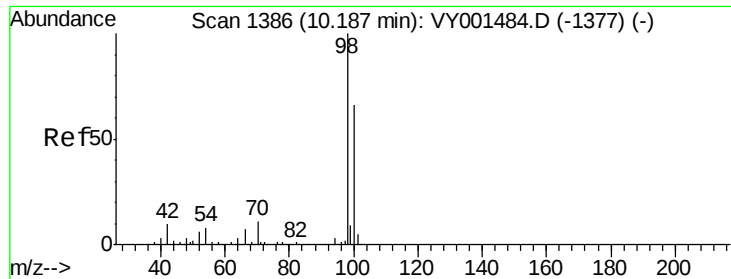


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.610 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001544.D

Acq: 06 Feb 2020 20:16

Instrument :

MSVOA_Y

ClientSampleId :

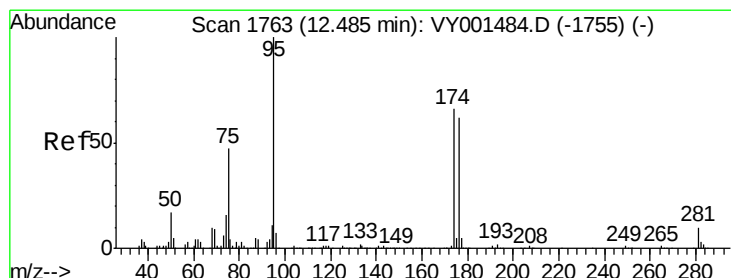
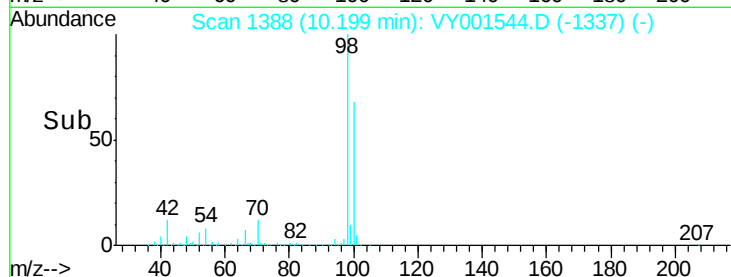
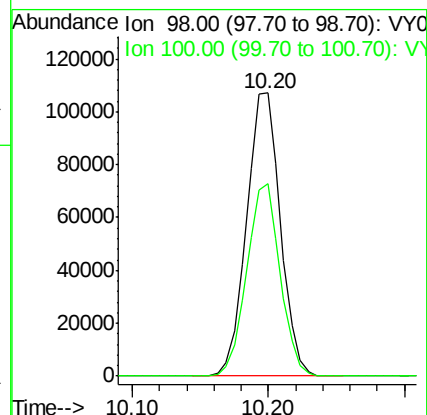
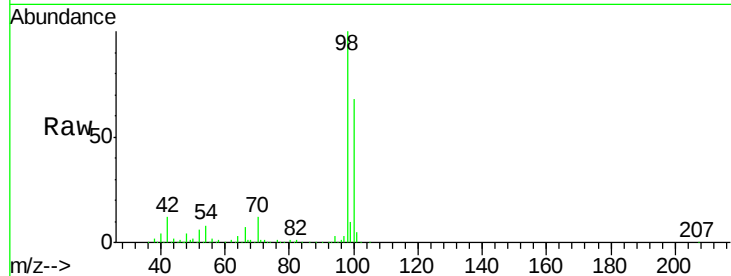
SB-2-13.5-14

Tot Ion: 98 Resp: 186454

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 48.622 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001544.D

Acq: 06 Feb 2020 20:16

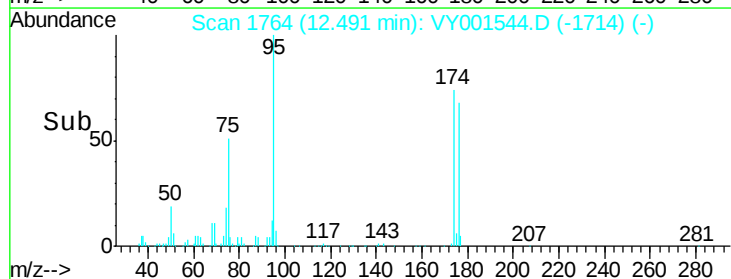
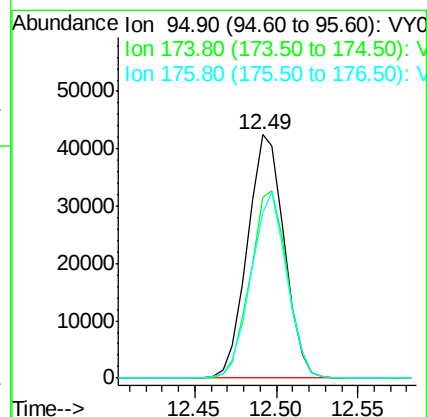
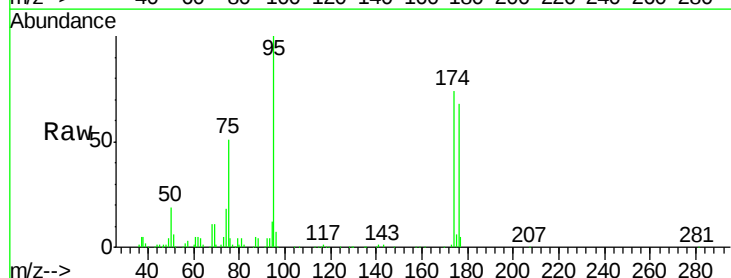
Tgt Ion: 95 Resp: 66619

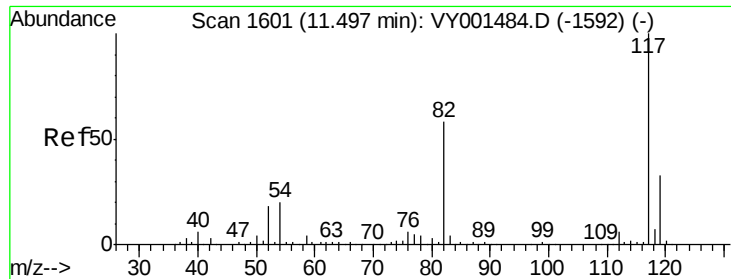
Ion Ratio Lower Upper

95 100

174 77.6 0.0 141.4

176 74.7 0.0 135.4

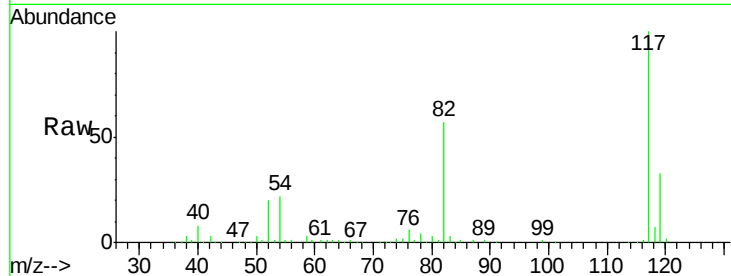




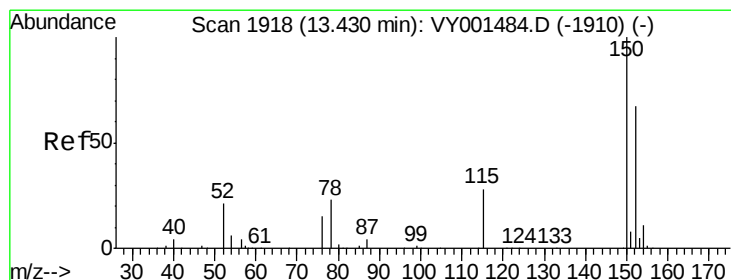
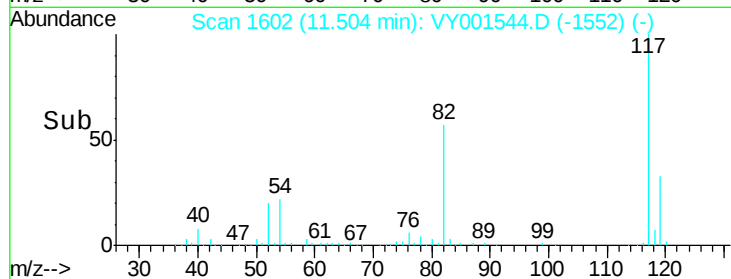
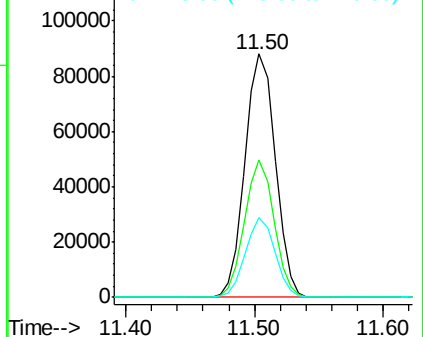
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001544.D
Acq: 06 Feb 2020 20:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-13.5-14

Tot Ion:117 Resp: 143264
Ion Ratio Lower Upper
117 100
82 56.7 46.1 69.1
119 32.9 26.1 39.1

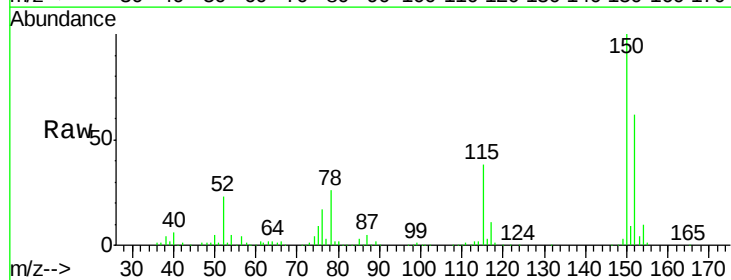


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001544.D
Acq: 06 Feb 2020 20:16

Tgt Ion:152 Resp: 66391
Ion Ratio Lower Upper
152 100
115 60.5 31.4 94.3
150 159.4 0.0 346.8



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

