

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001542.D
 Acq On : 06 Feb 2020 19:32
 Operator : SY/MD
 Sample : L1433-01
 Misc : 4.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 349

Quant Time: Feb 07 05:37:31 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	159359	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	300420	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	276067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	129306	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	100416	62.58	ug/l	0.01
Spiked Amount 50.000			Recovery	=	125.16%	
35) Dibromofluoromethane	7.75	113	88405	51.03	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.20	98	352068	53.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.49	95	132128	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	

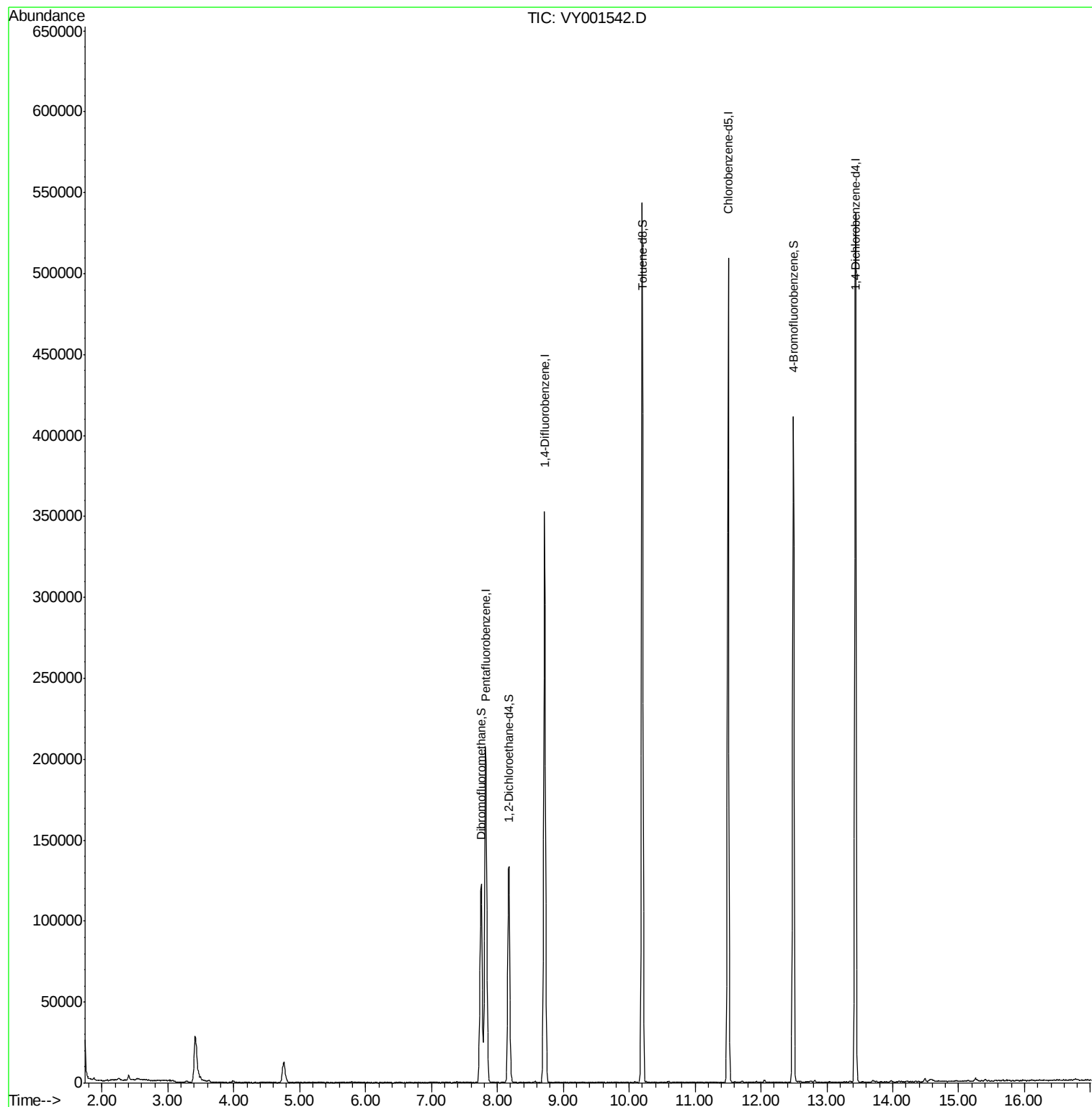
Target Compounds	Qvalue
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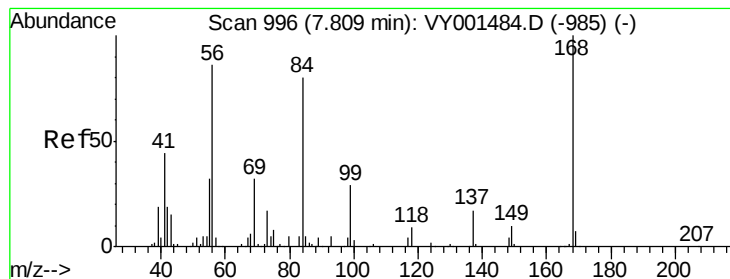
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
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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: VY001542.D

Acq: 06 Feb 2020 19:32

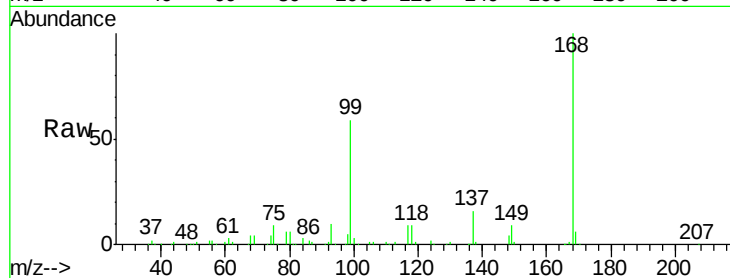
Instrument :
MSVOA_Y
ClientSampled :
349

Tot Ion:168 Resp: 159359

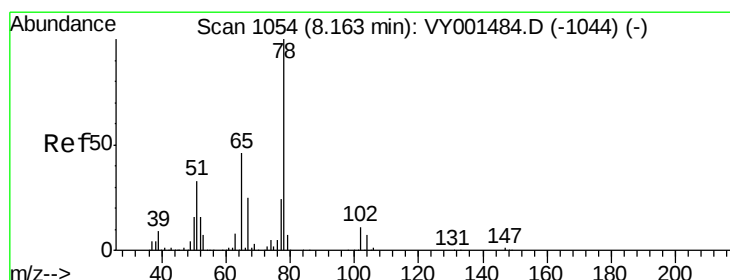
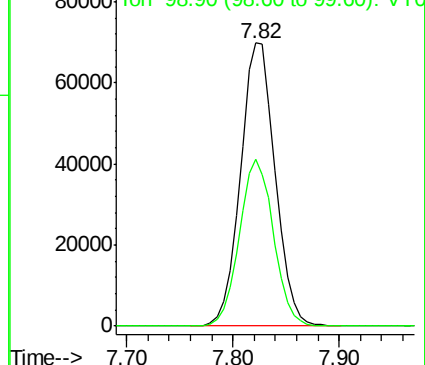
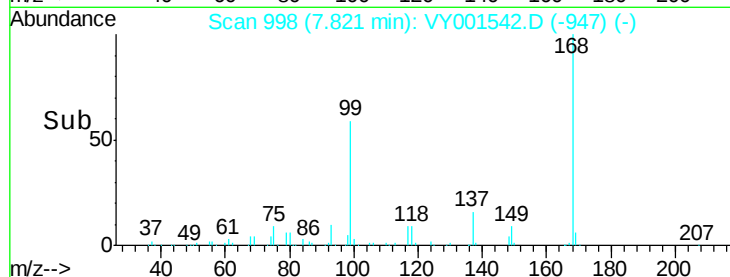
Ion Ratio Lower Upper

168 100

99 58.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001542.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 62.583 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001542.D

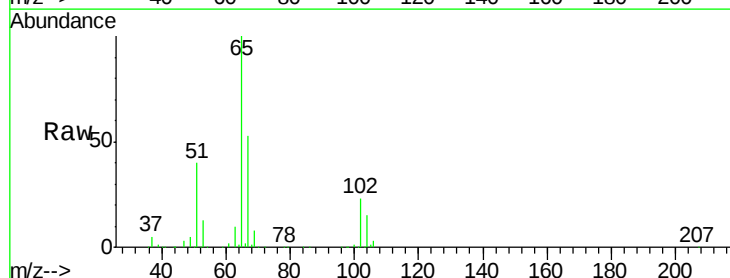
Acq: 06 Feb 2020 19:32

Tgt Ion: 65 Resp: 100416

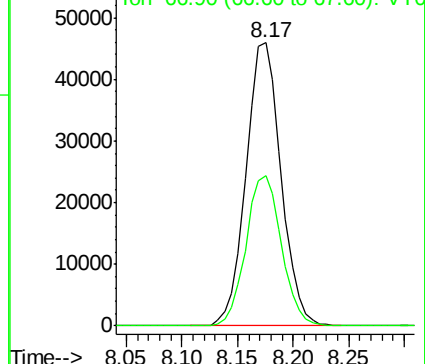
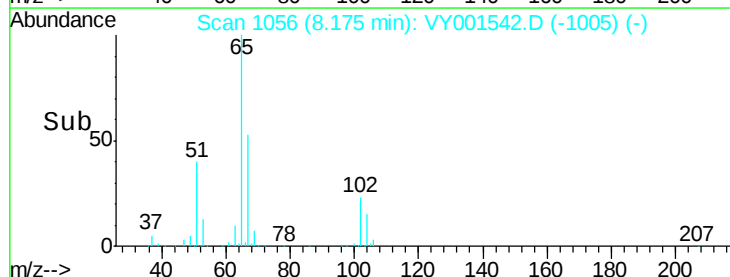
Ion Ratio Lower Upper

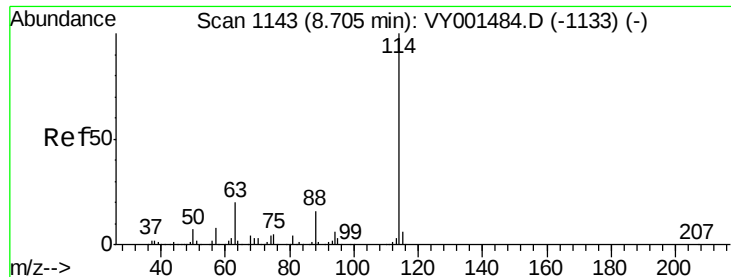
65 100

67 53.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001542.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001542.D

Acq: 06 Feb 2020 19:32

Instrument :

MSVOA_Y

ClientSampleId :

349

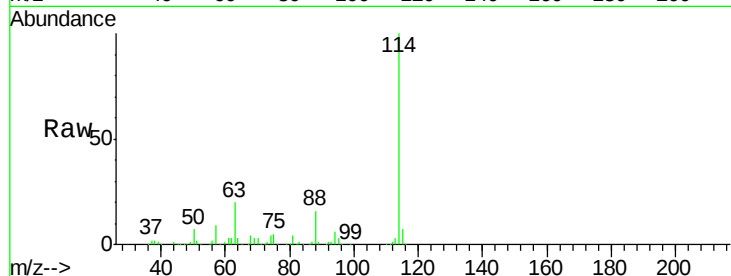
Tot Ion:114 Resp: 300420

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

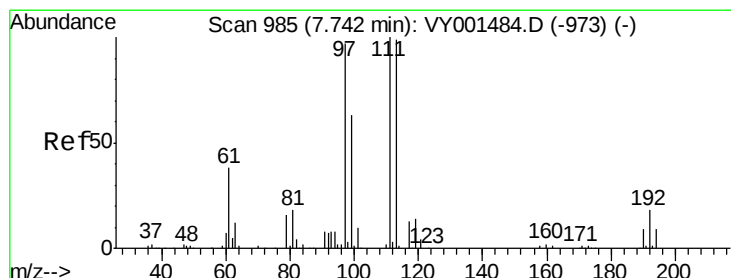
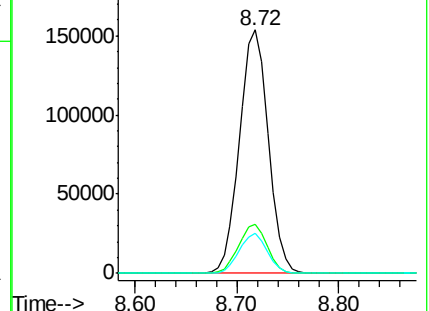
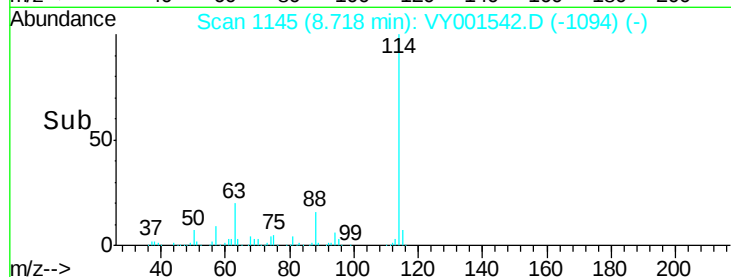
88 16.3 0.0 32.6



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: 51.031 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001542.D

Acq: 06 Feb 2020 19:32

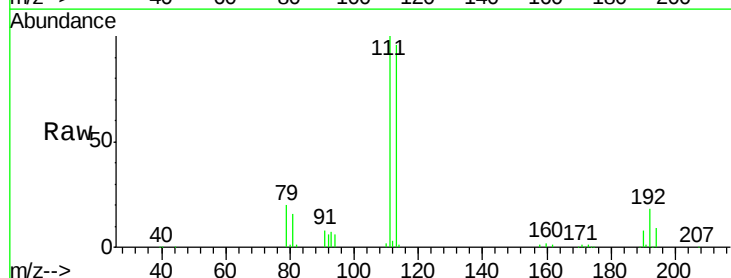
Tgt Ion:113 Resp: 88405

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

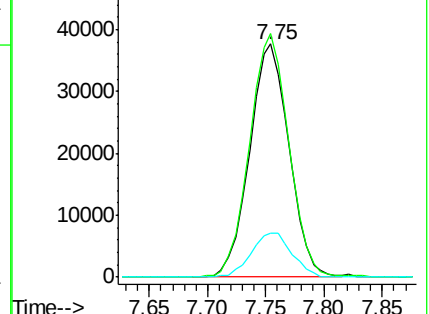
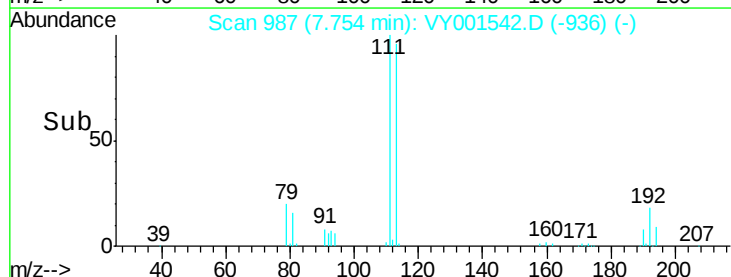
192 19.5 14.6 22.0

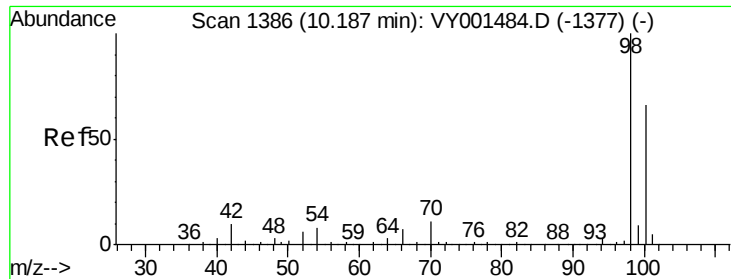


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.716 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001542.D

Acq: 06 Feb 2020 19:32

Instrument :

MSVOA_Y

ClientSampleId :

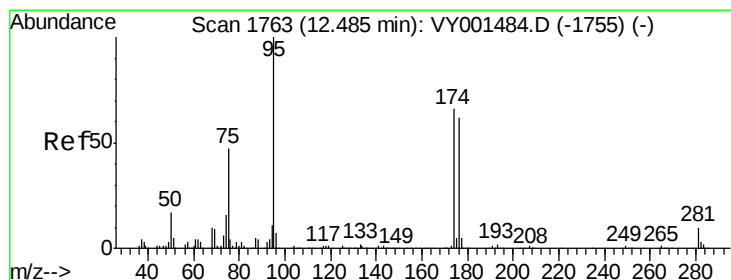
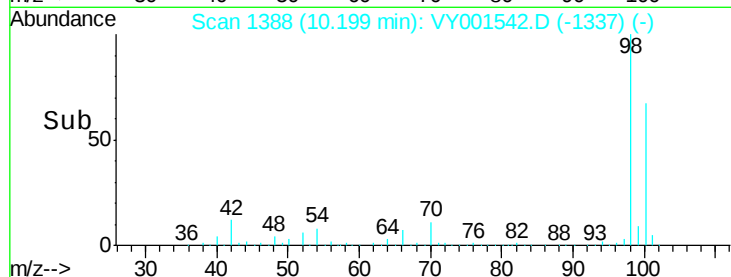
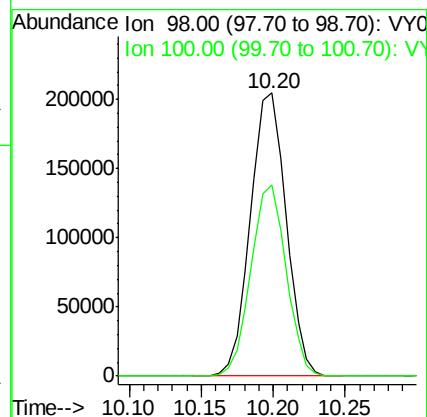
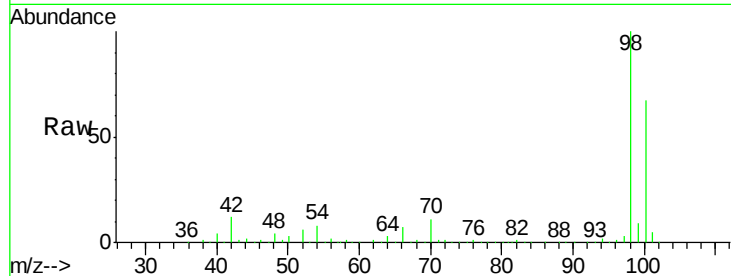
349

Tot Ion: 98 Resp: 352068

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 51.172 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001542.D

Acq: 06 Feb 2020 19:32

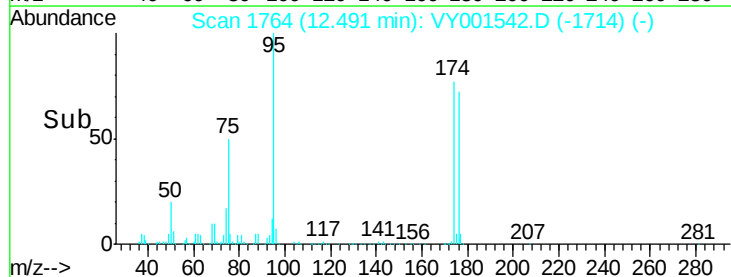
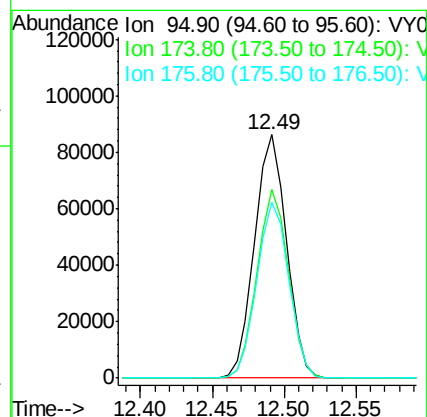
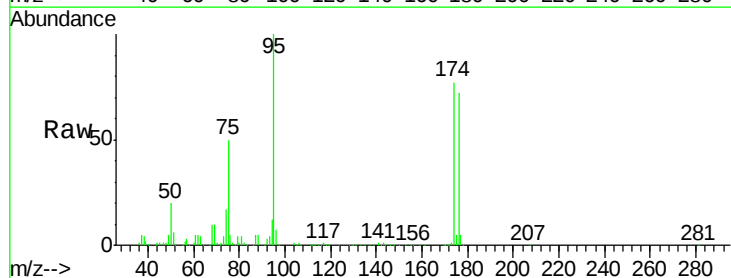
Tgt Ion: 95 Resp: 132128

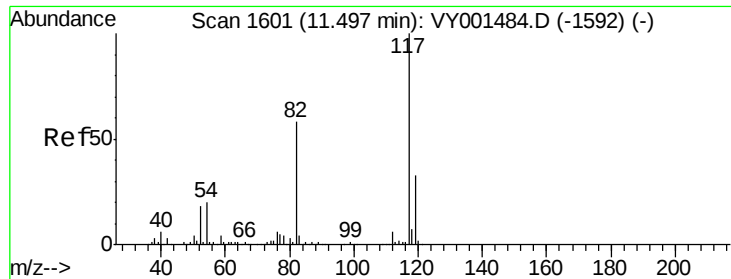
Ion Ratio Lower Upper

95 100

174 76.0 0.0 141.4

176 72.4 0.0 135.4

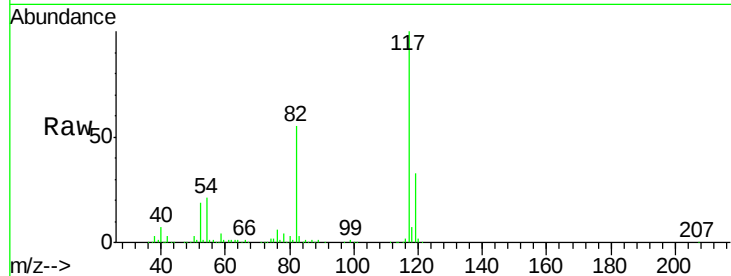




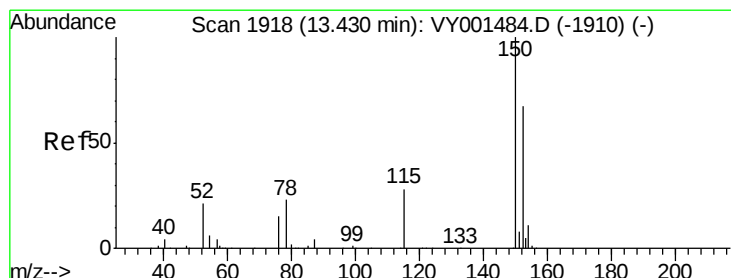
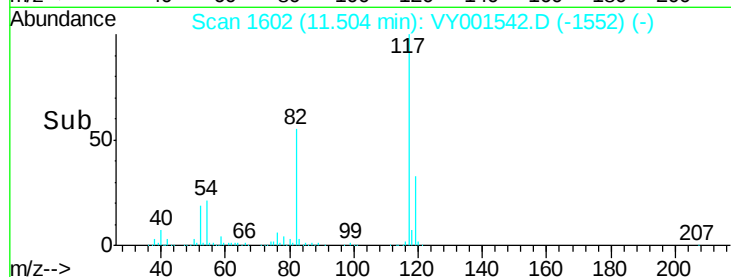
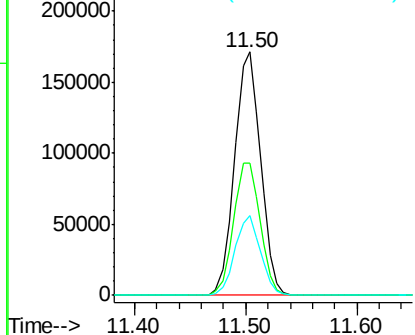
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001542.D
Acq: 06 Feb 2020 19:32

Instrument :
MSVOA_Y
ClientSampleId :
349

Tot Ion:117 Resp: 276067
Ion Ratio Lower Upper
117 100
82 54.5 46.1 69.1
119 32.6 26.1 39.1

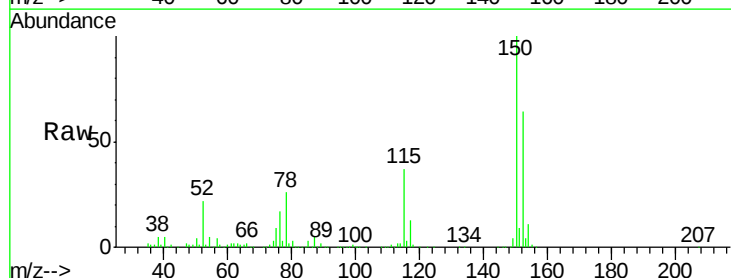


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001542.D
Acq: 06 Feb 2020 19:32

Tgt Ion:152 Resp: 129306
Ion Ratio Lower Upper
152 100
115 60.1 31.4 94.3
150 157.6 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

