

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001356.D
 Acq On : 23 Jan 2020 16:04
 Operator : SY/MD
 Sample : L1241-02
 Misc : 8.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-10

Quant Time: Jan 24 07:59:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	165338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	300395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	267211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121538	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	86442	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
35) Dibromofluoromethane	7.75	113	86051	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	10.19	98	346666	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.49	95	124967	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	

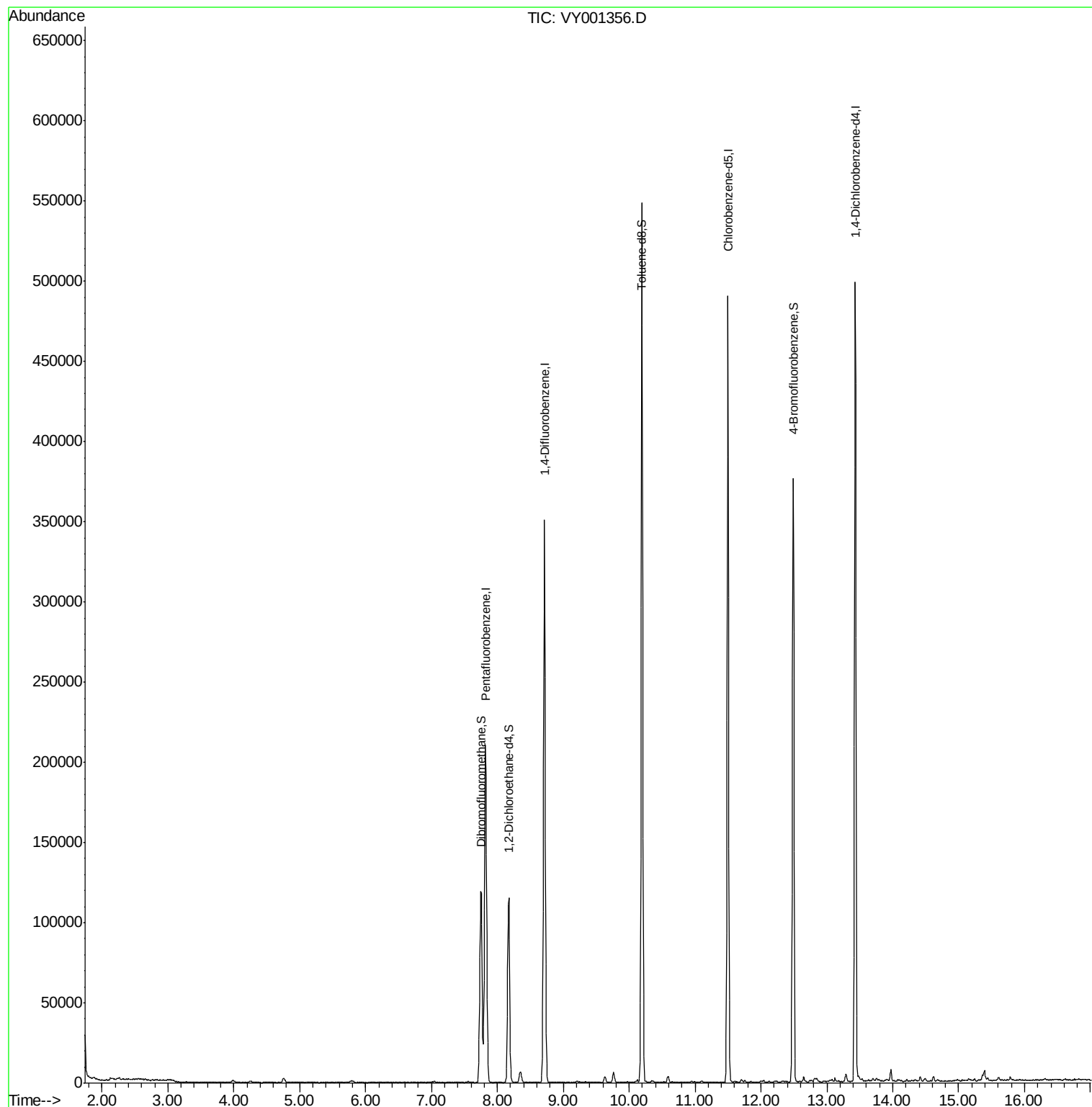
Target Compounds	Qvalue
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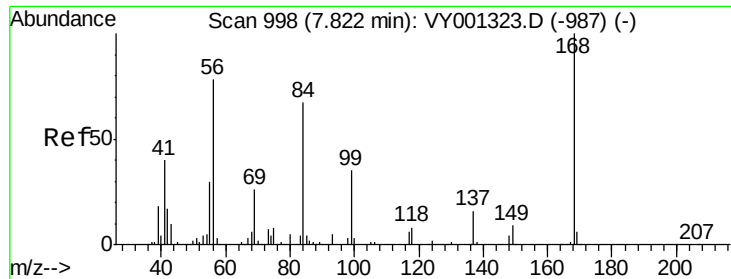
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001356.D

Acq: 23 Jan 2020 16:04

Instrument :

MSVOA_Y

ClientSampled :

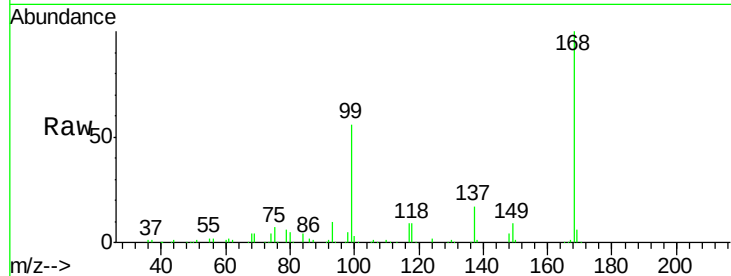
EP-10

Tot Ion:168 Resp: 165338

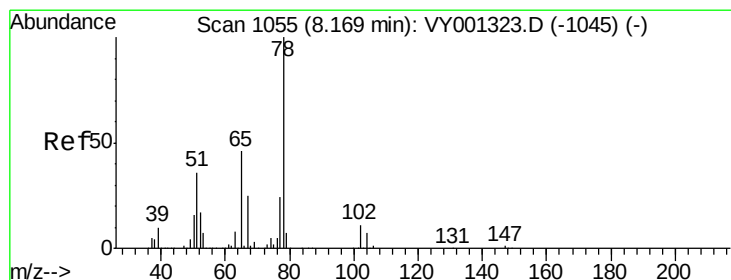
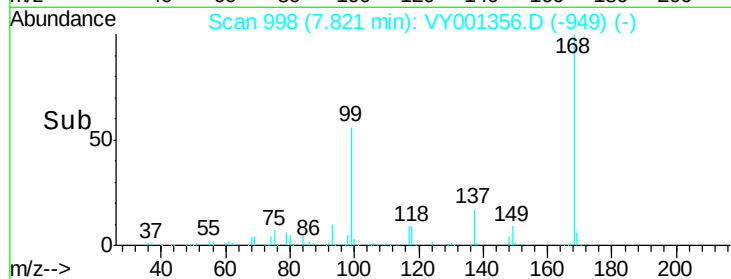
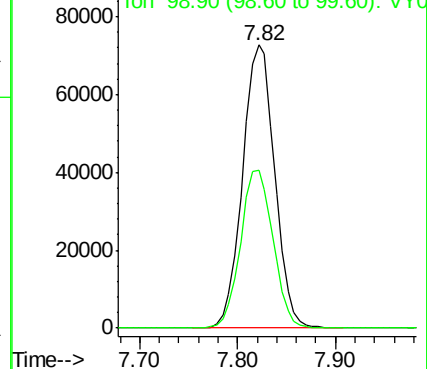
Ion Ratio Lower Upper

168 100

99 55.9 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.047 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001356.D

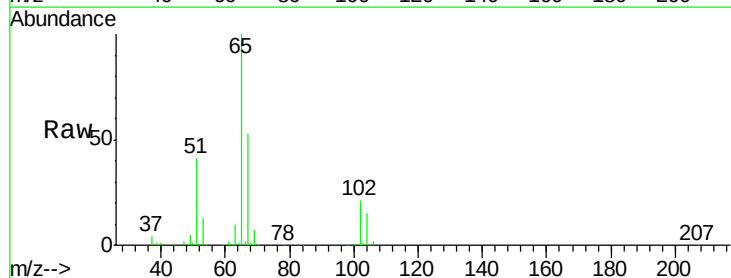
Acq: 23 Jan 2020 16:04

Tgt Ion: 65 Resp: 86442

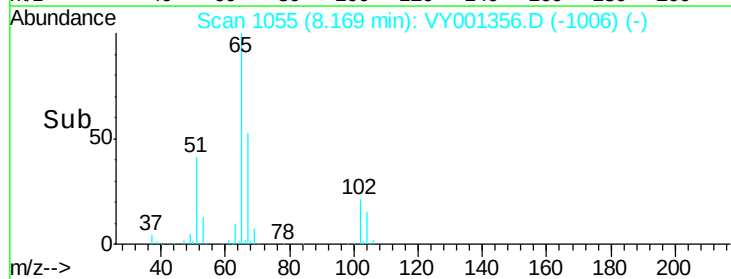
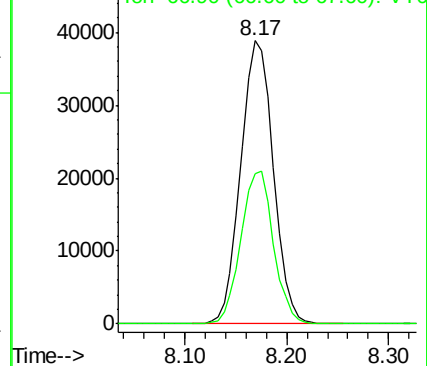
Ion Ratio Lower Upper

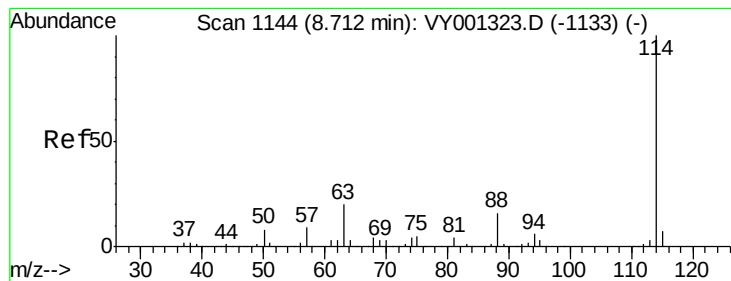
65 100

67 53.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001323.D (-1045) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001356.D

Acq: 23 Jan 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

EP-10

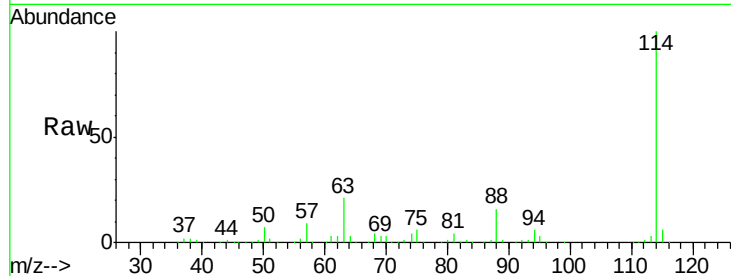
Tot Ion:114 Resp: 300395

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

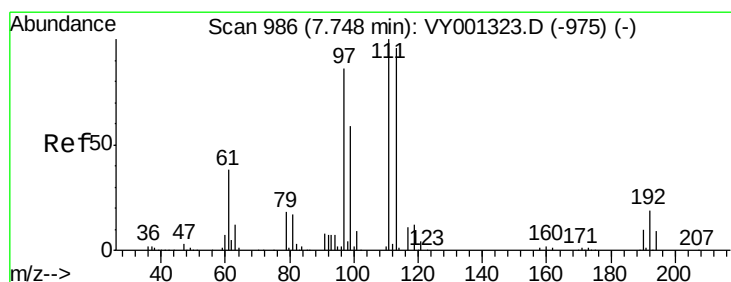
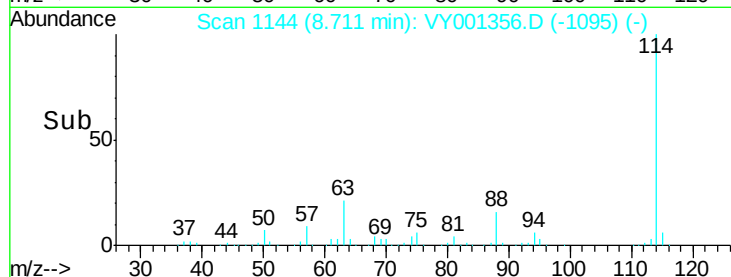
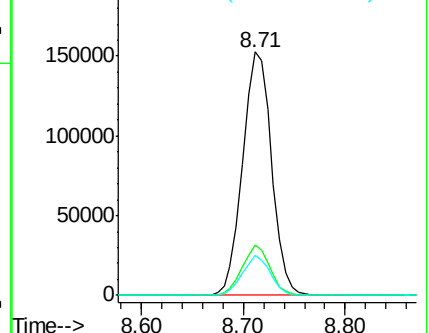
88 16.3 0.0 31.0



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: 48.808 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001356.D

Acq: 23 Jan 2020 16:04

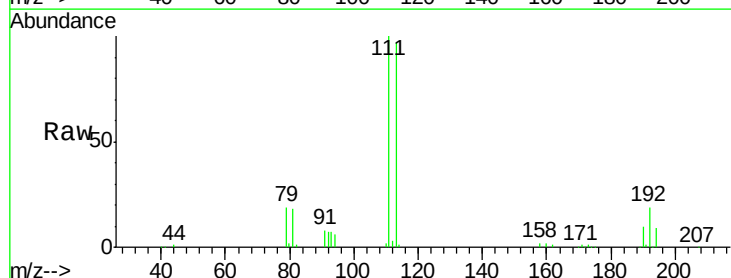
Tgt Ion:113 Resp: 86051

Ion Ratio Lower Upper

113 100

111 104.4 82.8 124.2

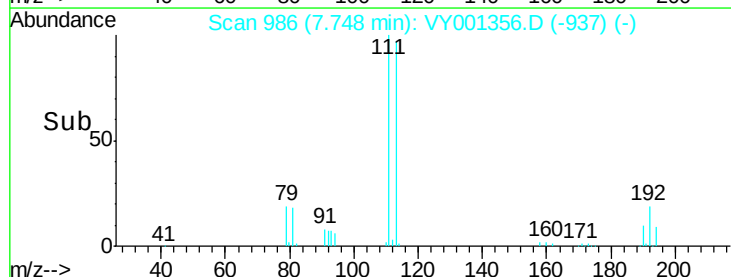
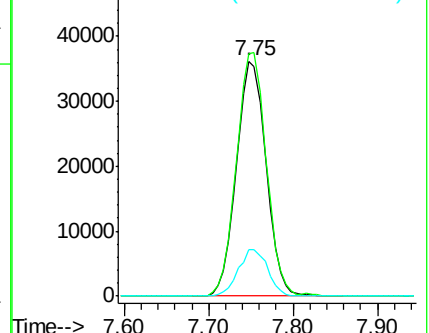
192 19.5 15.5 23.3

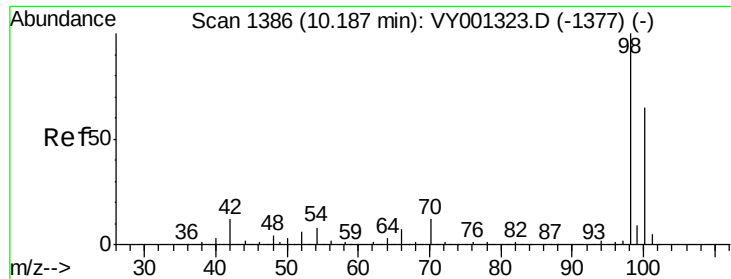


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.610 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001356.D

Acq: 23 Jan 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

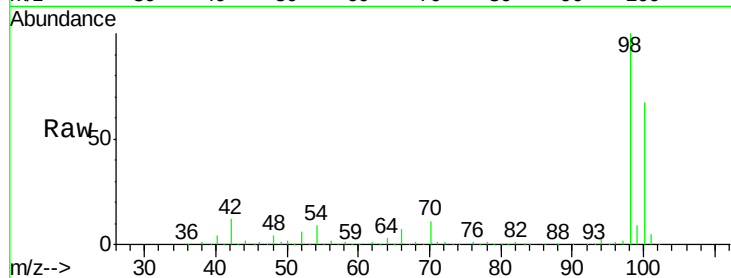
EP-10

Tot Ion: 98 Resp: 346666

Ion Ratio Lower Upper

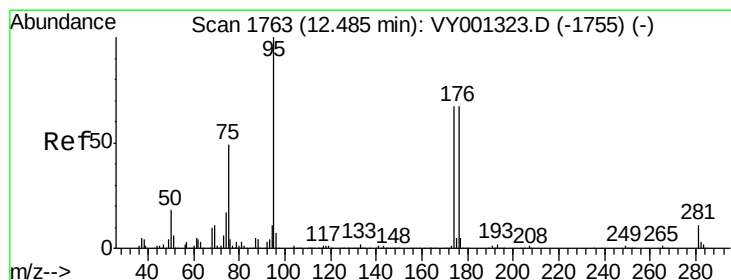
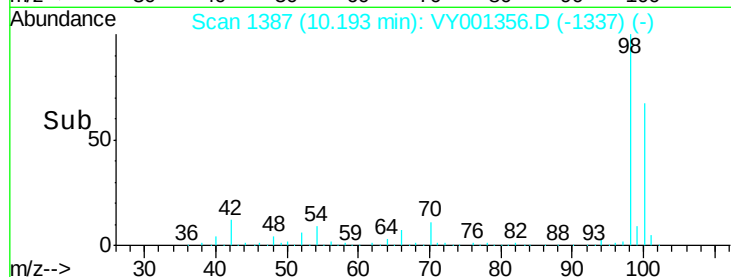
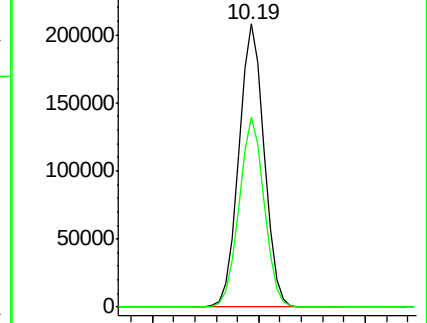
98 100

100 66.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 45.812 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001356.D

Acq: 23 Jan 2020 16:04

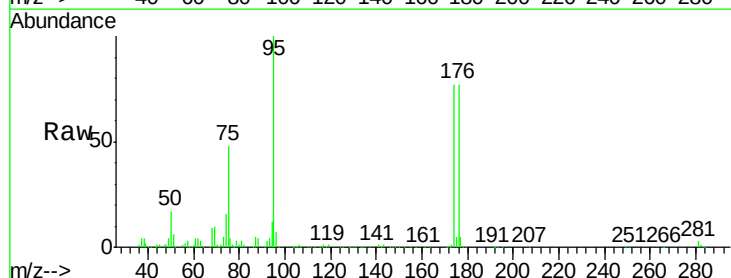
Tgt Ion: 95 Resp: 124967

Ion Ratio Lower Upper

95 100

174 75.9 0.0 142.0

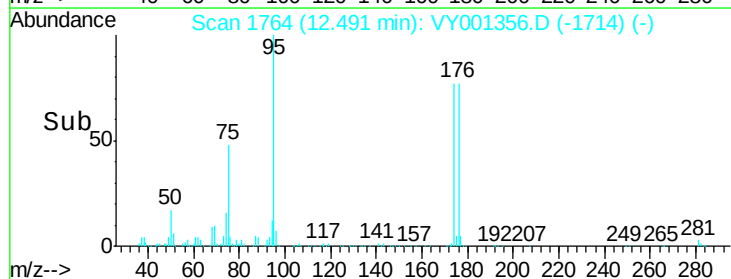
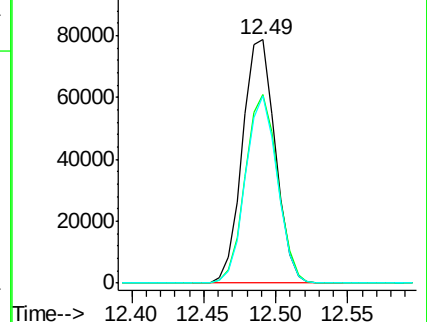
176 73.7 0.0 138.6

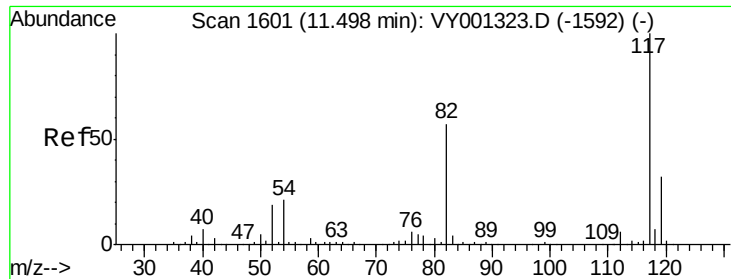


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

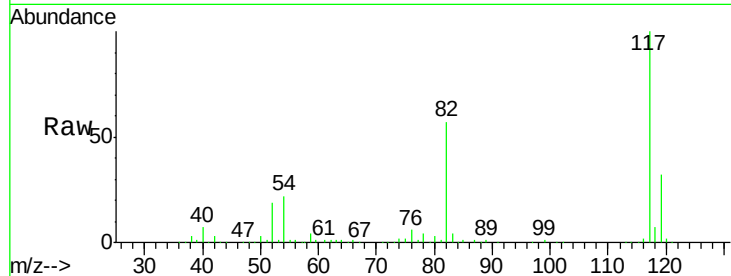




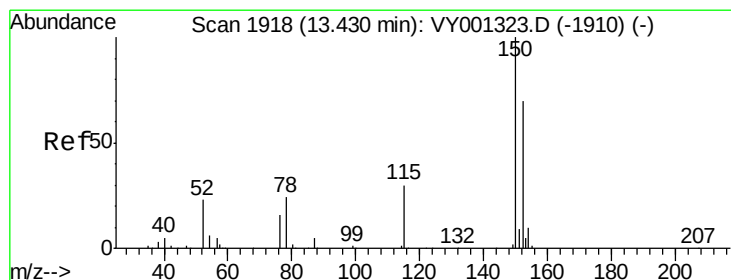
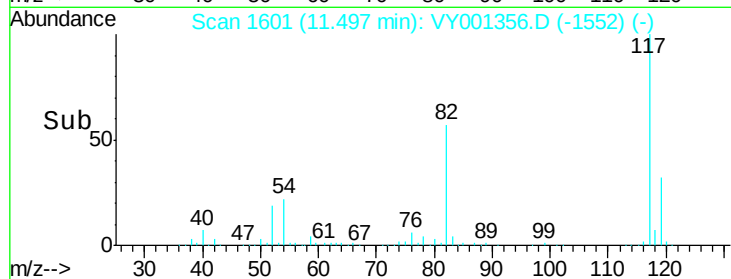
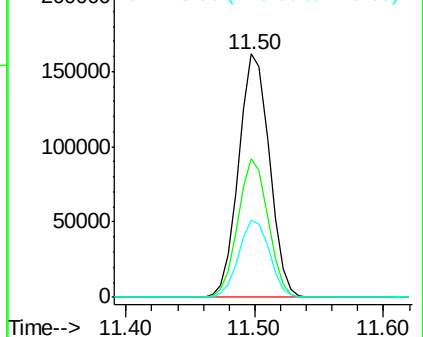
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001356.D
Acq: 23 Jan 2020 16:04

Instrument :
MSVOA_Y
ClientSampled :
EP-10

Tot Ion:117 Resp: 267211
Ion Ratio Lower Upper
117 100
82 56.8 45.5 68.3
119 31.8 25.8 38.6

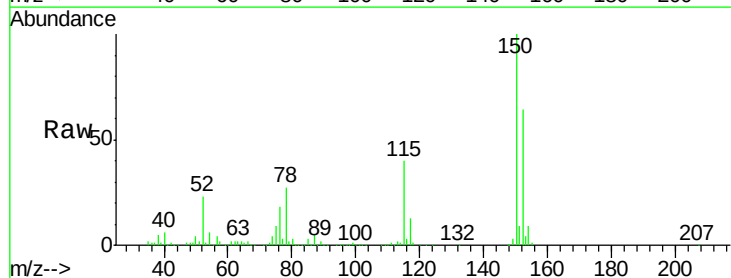


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001356.D
Acq: 23 Jan 2020 16:04

Tgt Ion:152 Resp: 121538
Ion Ratio Lower Upper
152 100
115 59.2 30.9 92.8
150 156.2 0.0 349.2



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

