

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002139.D
 Acq On : 31 Mar 2020 17:29
 Operator : SY/MD
 Sample : L2054-05
 Misc : 6.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 239-SB-02-1-2

Quant Time: Apr 01 06:18:50 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	119763	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	232752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	203282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	72670	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	76562	57.83	ug/l	0.00
Spiked Amount			Recovery	=	115.66%	
35) Dibromofluoromethane	7.75	113	70900	54.37	ug/l	0.01
Spiked Amount			Recovery	=	108.74%	
50) Toluene-d8	10.19	98	281081	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.49	95	82648	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	

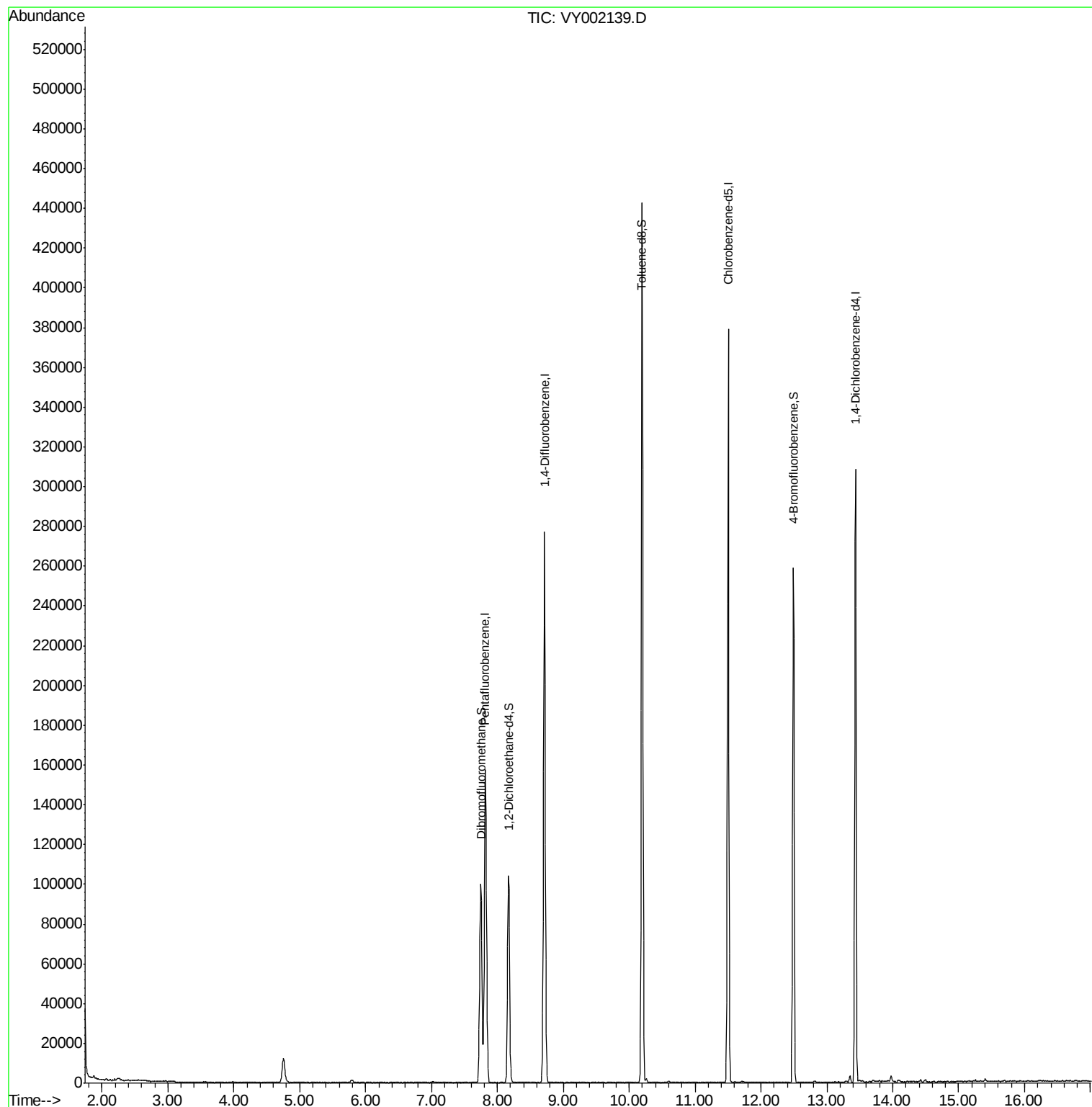
Target Compounds	Qvalue
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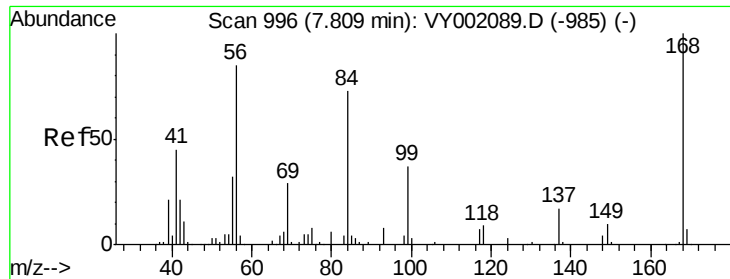
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002139.D

Acq: 31 Mar 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

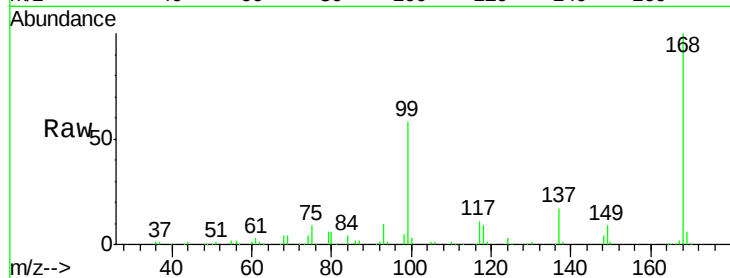
239-SB-02-1-2

Tot Ion:168 Resp: 119763

Ion Ratio Lower Upper

168 100

99 58.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002139.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002139.D (-947) (-)

7.82

60000

50000

40000

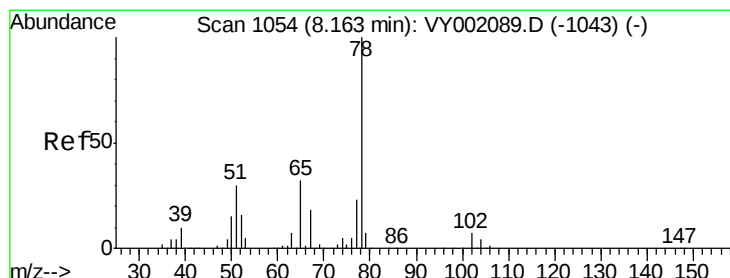
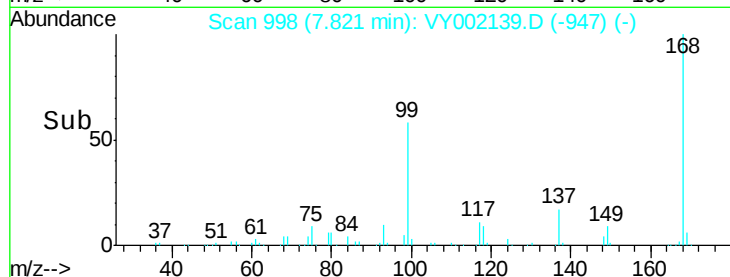
30000

20000

10000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 57.829 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002139.D

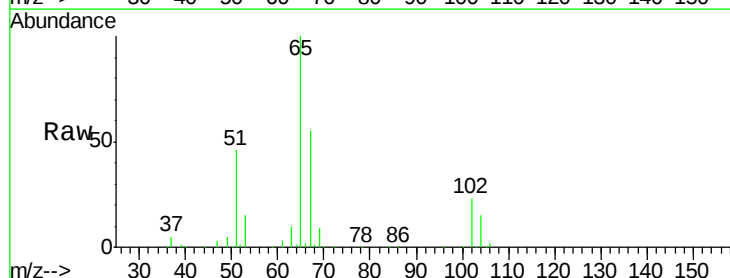
Acq: 31 Mar 2020 17:29

Tgt Ion: 65 Resp: 76562

Ion Ratio Lower Upper

65 100

67 54.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002139.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002139.D (-1005) (-)

8.17

40000

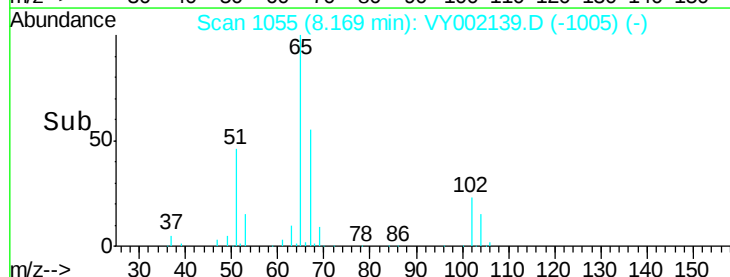
30000

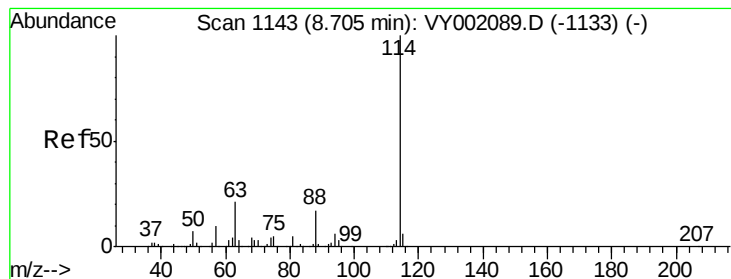
20000

10000

0

Time--> 8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002139.D

Acq: 31 Mar 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

239-SB-02-1-2

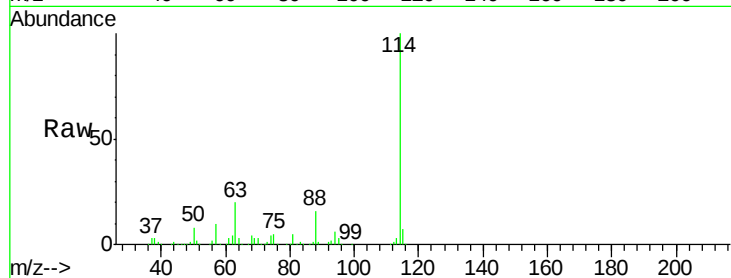
Tot Ion:114 Resp: 232752

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

88 15.5 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

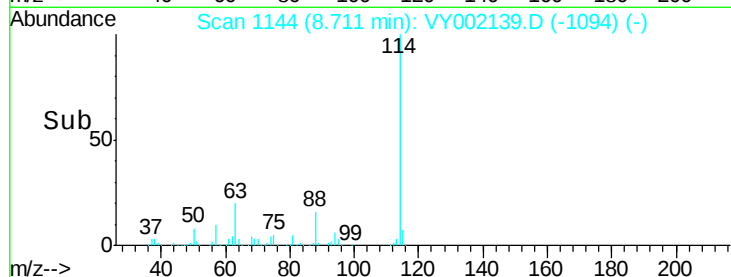
150000

100000

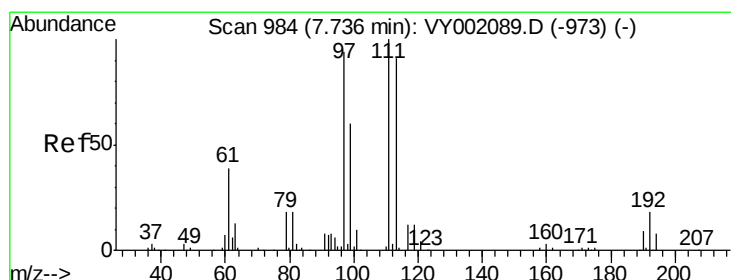
50000

0

8.60 8.65 8.70 8.75 8.80



Time-->



#35

Dibromofluoromethane

Concen: 54.365 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002139.D

Acq: 31 Mar 2020 17:29

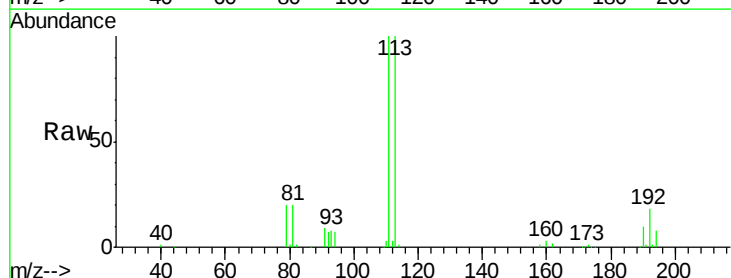
Tgt Ion:113 Resp: 70900

Ion Ratio Lower Upper

113 100

111 102.3 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

40000

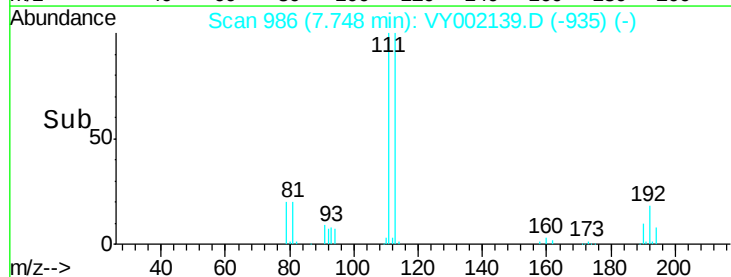
30000

20000

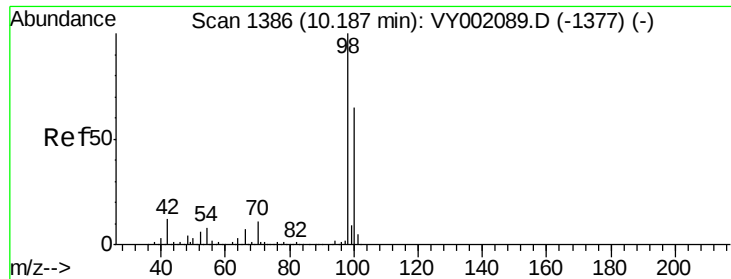
10000

0

7.70 7.75 7.80



Time-->



#50

Toluene-d8

Concen: 51.882 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002139.D

Acq: 31 Mar 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

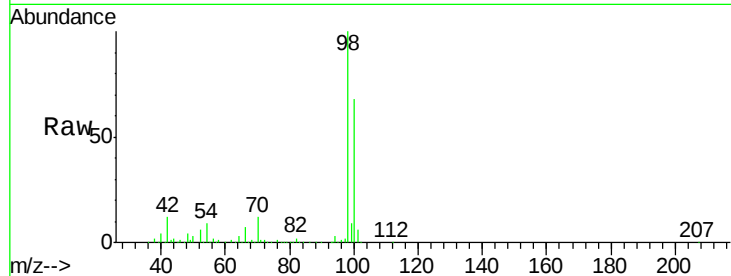
239-SB-02-1-2

Tot Ion: 98 Resp: 281081

Ion Ratio Lower Upper

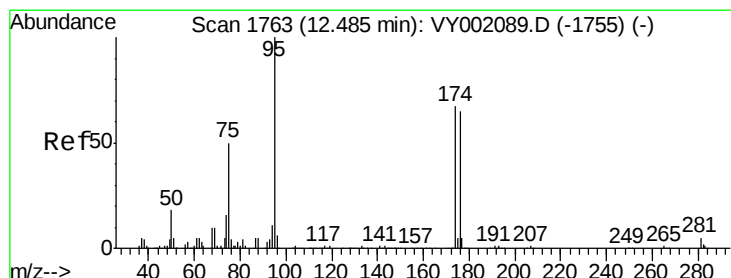
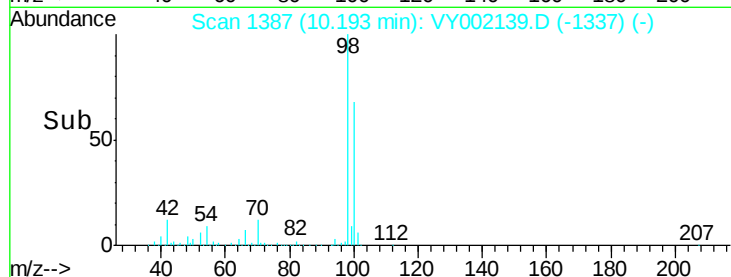
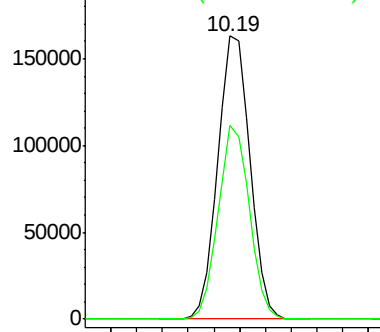
98 100

100 66.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 43.619 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002139.D

Acq: 31 Mar 2020 17:29

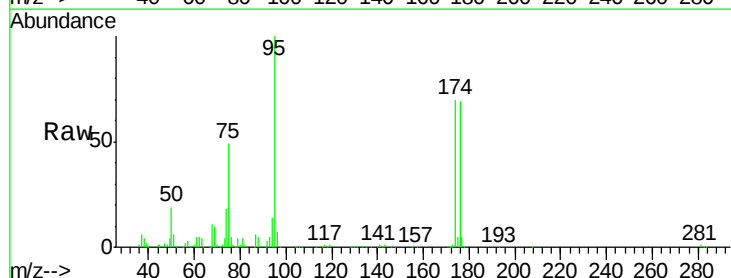
Tgt Ion: 95 Resp: 82648

Ion Ratio Lower Upper

95 100

174 73.9 0.0 143.4

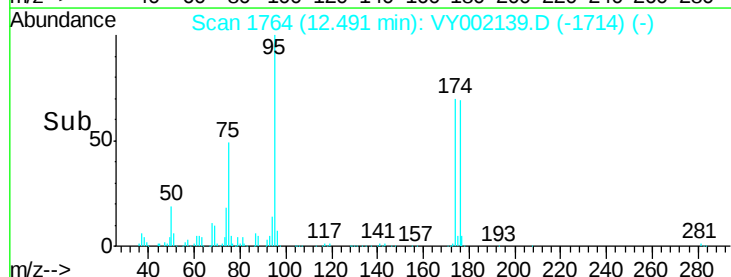
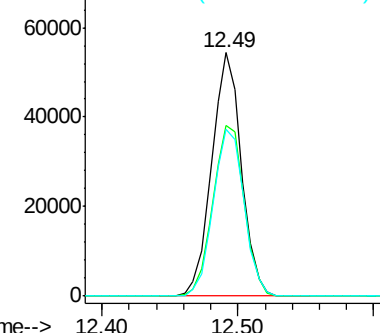
176 71.5 0.0 137.0

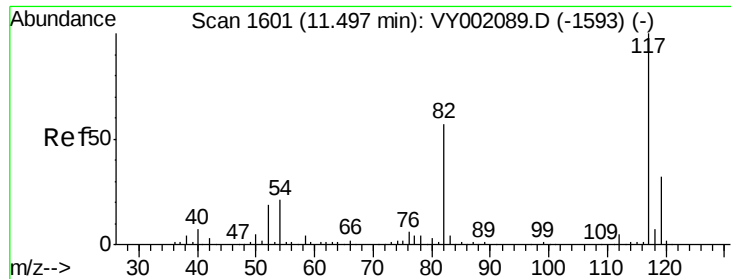


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

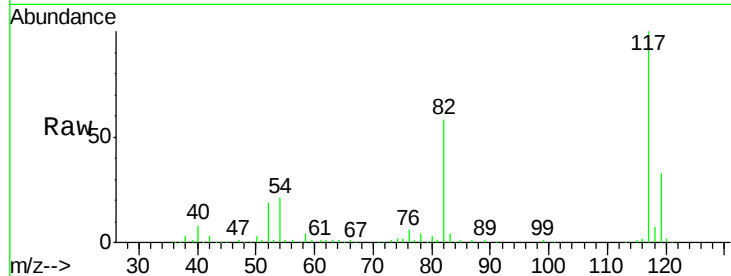




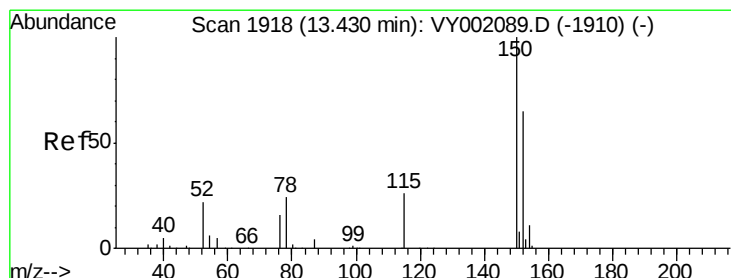
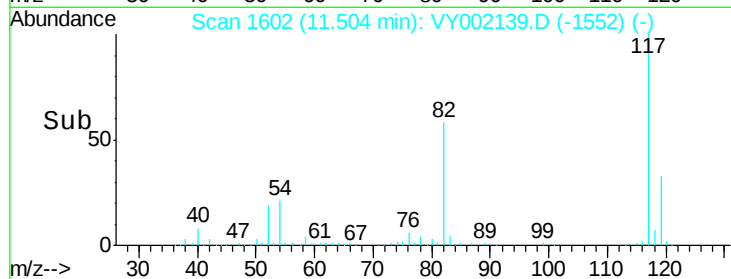
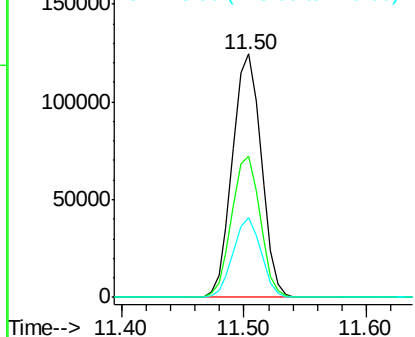
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002139.D
Acq: 31 Mar 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
239-SB-02-1-2

Tot Ion:117 Resp: 203282
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.2
119 32.9 25.3 37.9

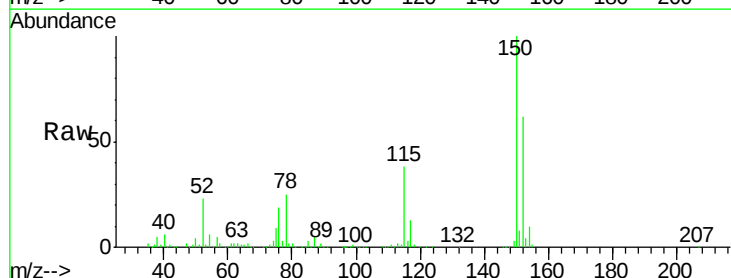


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002139.D
Acq: 31 Mar 2020 17:29

Tgt Ion:152 Resp: 72670
Ion Ratio Lower Upper
152 100
115 60.6 31.2 93.6
150 159.2 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

