

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002143.D
 Acq On : 31 Mar 2020 18:58
 Operator : SY/MD
 Sample : L2097-20
 Misc : 5.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Apr 01 06:28:27 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	119218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	234887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	219471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	98405	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	77433	58.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.50%	
35) Dibromofluoromethane	7.75	113	70105	53.27	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.54%	
50) Toluene-d8	10.19	98	286868	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.49	95	98475	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

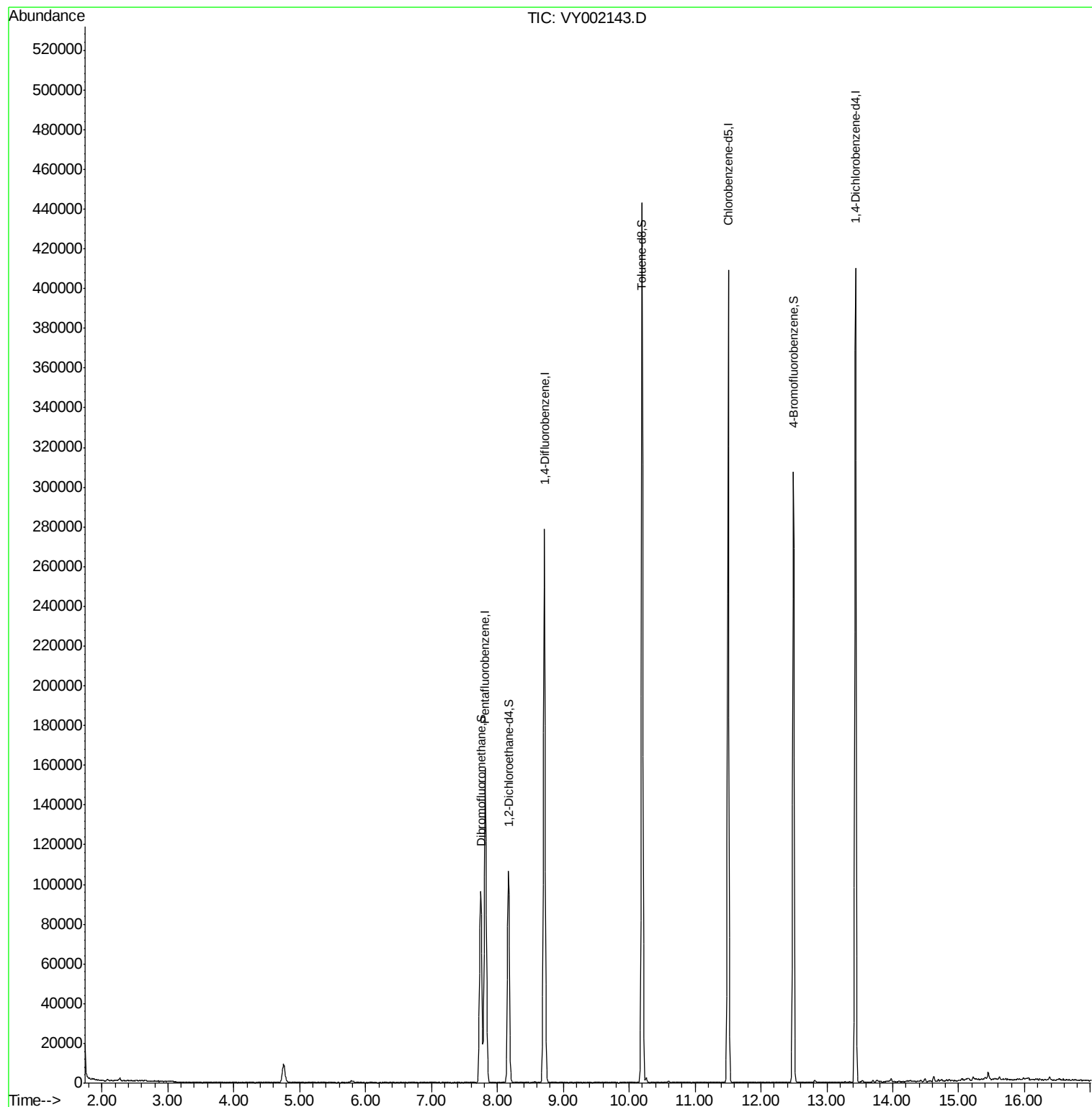
Target Compounds	Qvalue
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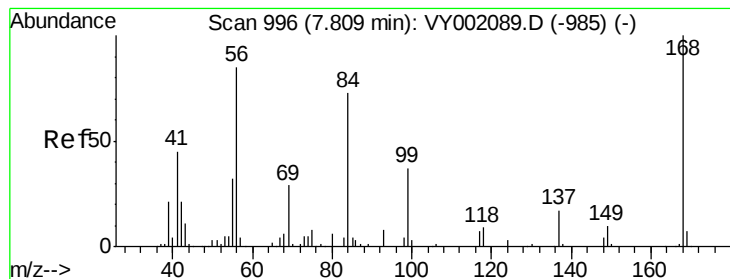
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002143.D

Acq: 31 Mar 2020 18:58

Instrument :

MSVOA_Y

ClientSampled :

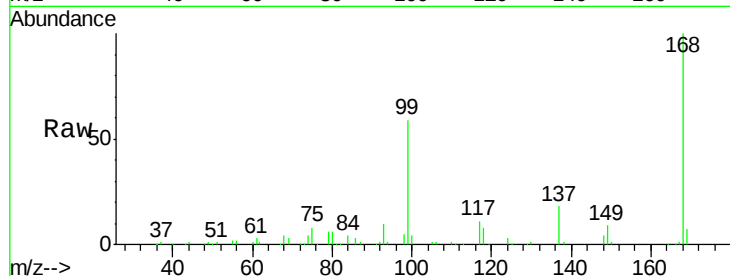
COMP-3

Tot Ion:168 Resp: 119218

Ion Ratio Lower Upper

168 100

99 58.6 47.6 71.4

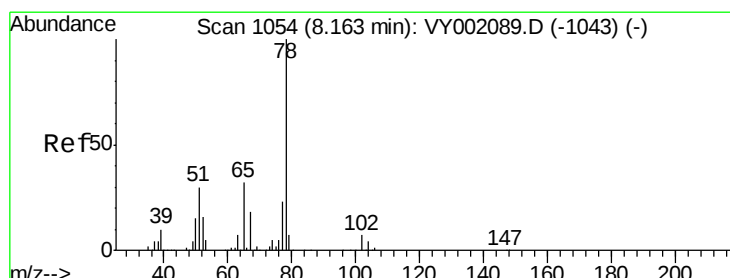
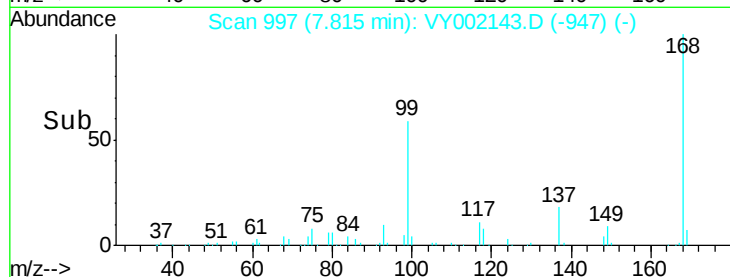


Abundance Ion 167.90 (167.60 to 168.60): VY002143.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002143.D (-947) (-)

7.82

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.754 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002143.D

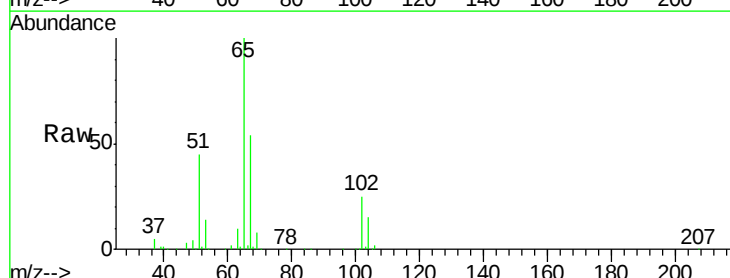
Acq: 31 Mar 2020 18:58

Tgt Ion: 65 Resp: 77433

Ion Ratio Lower Upper

65 100

67 55.3 0.0 112.8

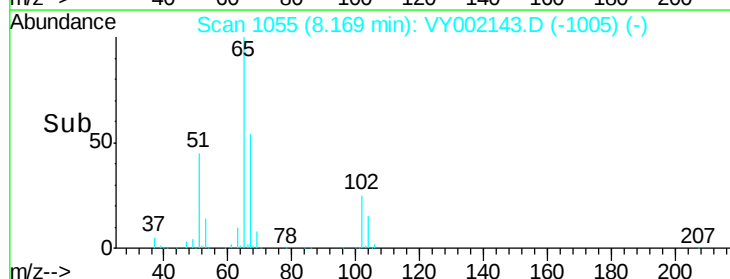


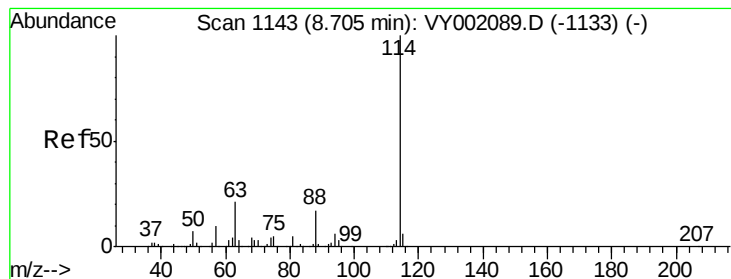
Abundance Ion 64.90 (64.60 to 65.60): VY002143.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002143.D (-1005) (-)

8.17

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002143.D

Acq: 31 Mar 2020 18:58

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

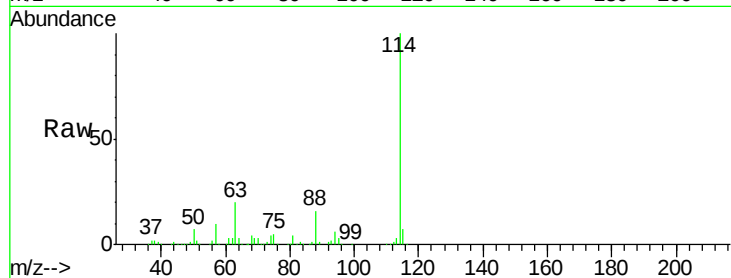
Tot Ion:114 Resp: 234887

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

88 16.2 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

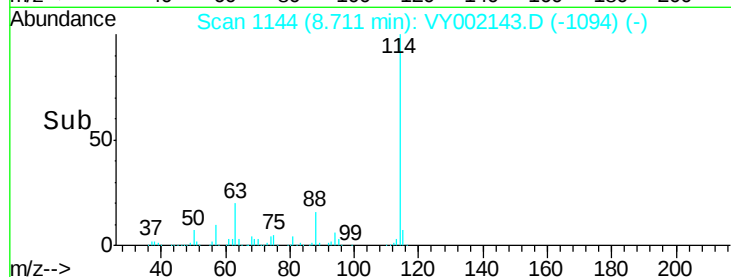
150000

100000

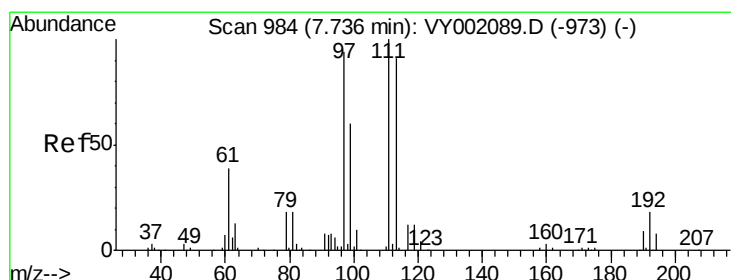
50000

0

8.60 8.70 8.80



Time-->



#35

Dibromofluoromethane

Concen: 53.267 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002143.D

Acq: 31 Mar 2020 18:58

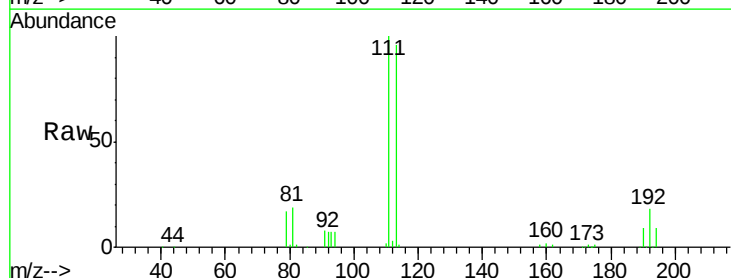
Tgt Ion:113 Resp: 70105

Ion Ratio Lower Upper

113 100

111 103.8 84.4 126.6

192 17.8 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

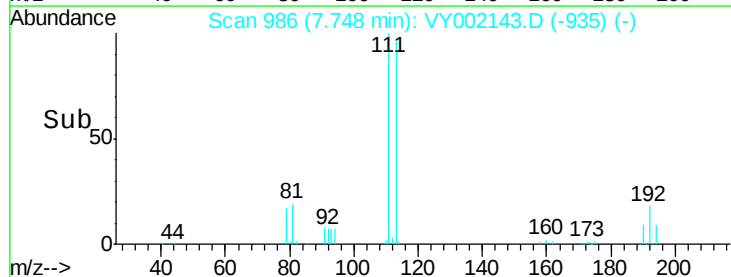
30000

20000

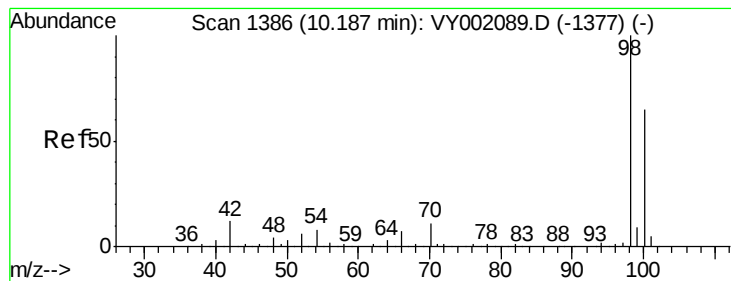
10000

0

7.70 7.80 7.90



Time-->



#50

Toluene-d8

Concen: 52.469 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002143.D

Acq: 31 Mar 2020 18:58

Instrument :

MSVOA_Y

ClientSampleId :

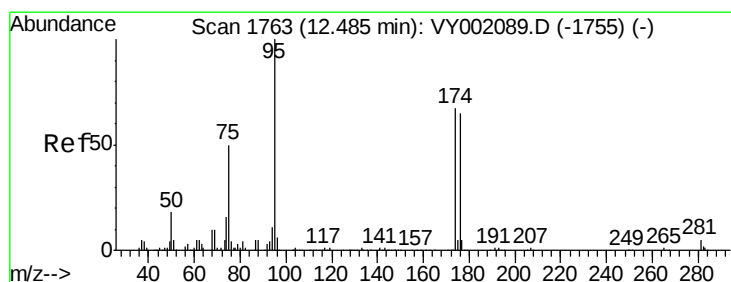
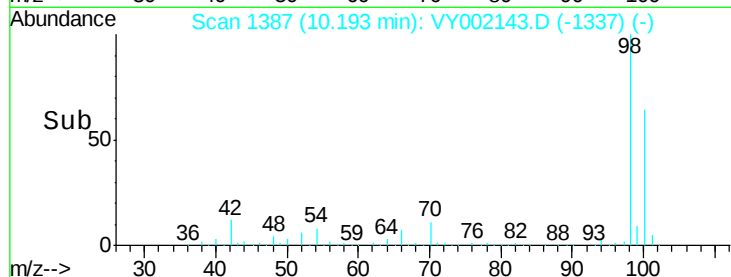
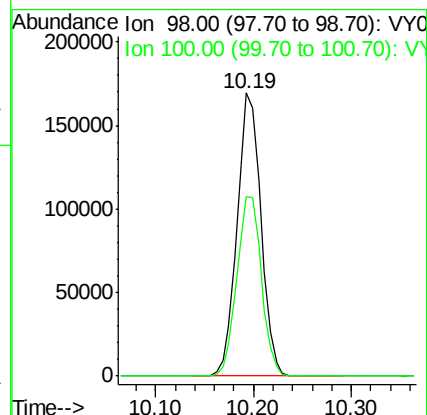
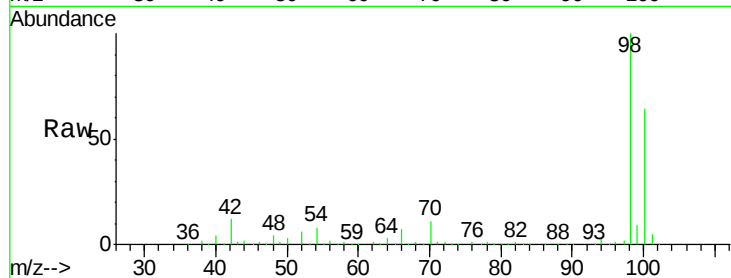
COMP-3

Tot Ion: 98 Resp: 286868

Ion Ratio Lower Upper

98 100

100 65.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 51.500 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002143.D

Acq: 31 Mar 2020 18:58

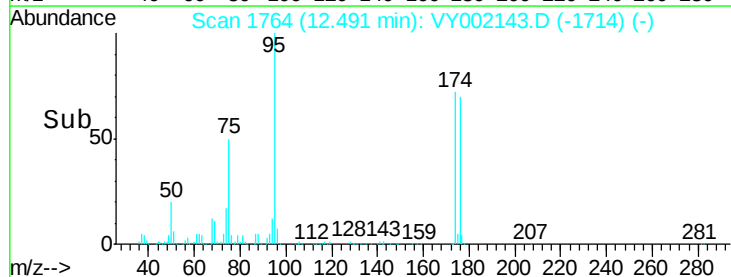
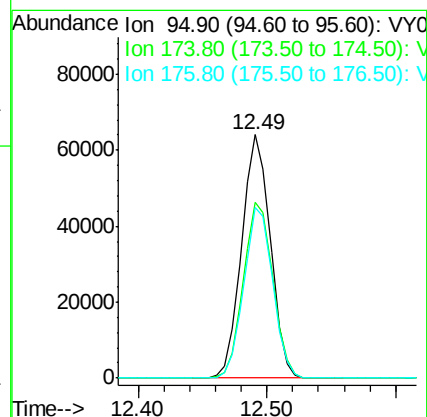
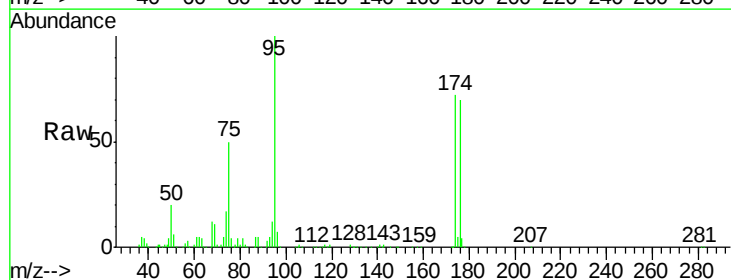
Tgt Ion: 95 Resp: 98475

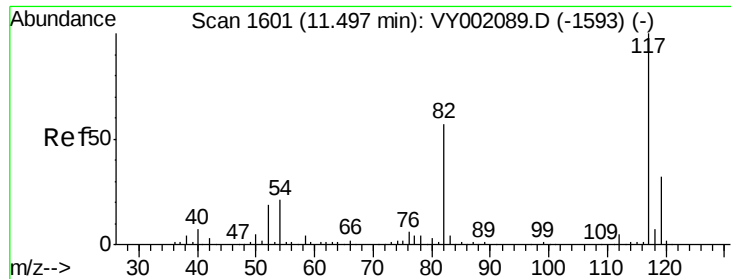
Ion Ratio Lower Upper

95 100

174 74.1 0.0 143.4

176 70.3 0.0 137.0

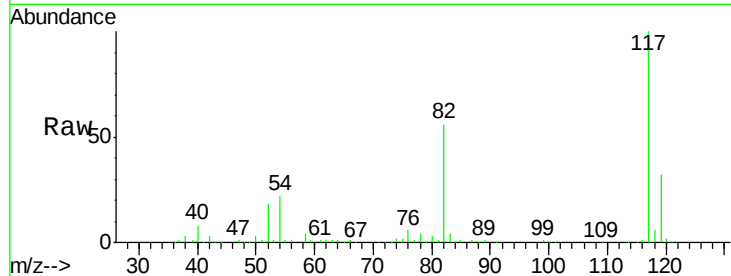




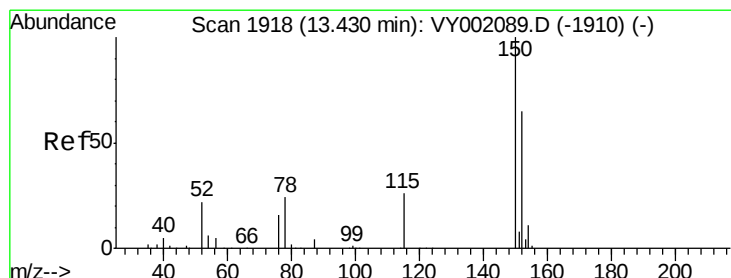
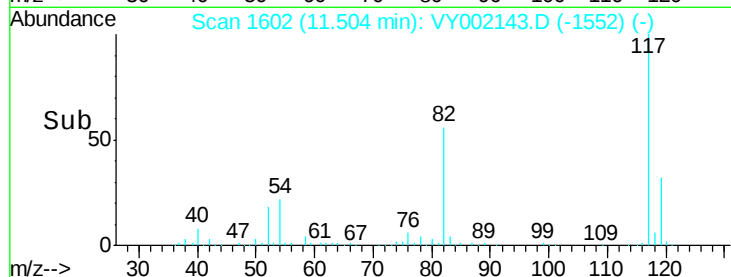
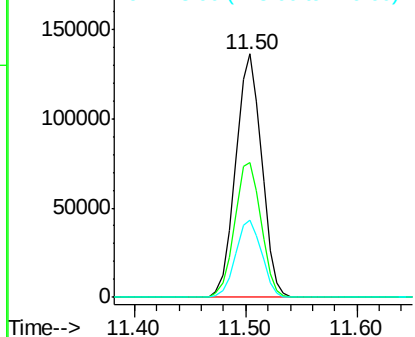
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002143.D
Acq: 31 Mar 2020 18:58

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tot Ion:117 Resp: 219471
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 31.8 25.3 37.9

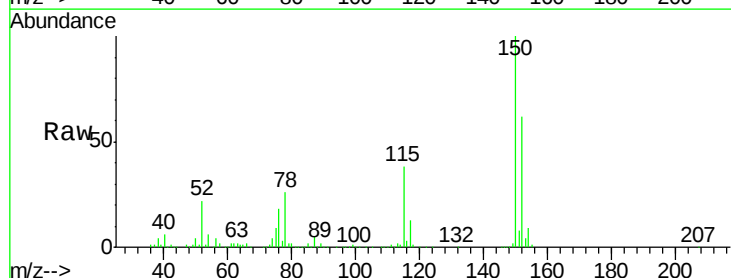


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002143.D
Acq: 31 Mar 2020 18:58

Tgt Ion:152 Resp: 98405
Ion Ratio Lower Upper
152 100
115 60.4 31.2 93.6
150 156.3 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

