

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000398.D
 Acq On : 23 Oct 2019 21:47
 Operator : SY/MD
 Sample : K5498-14
 Misc : 4.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-94-(1)

Quant Time: Oct 24 05:31:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	210160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	358407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	310495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	128622	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	119143	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
35) Dibromofluoromethane	7.74	113	103207	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	10.19	98	415547	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.48	95	128537	40.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.36%	

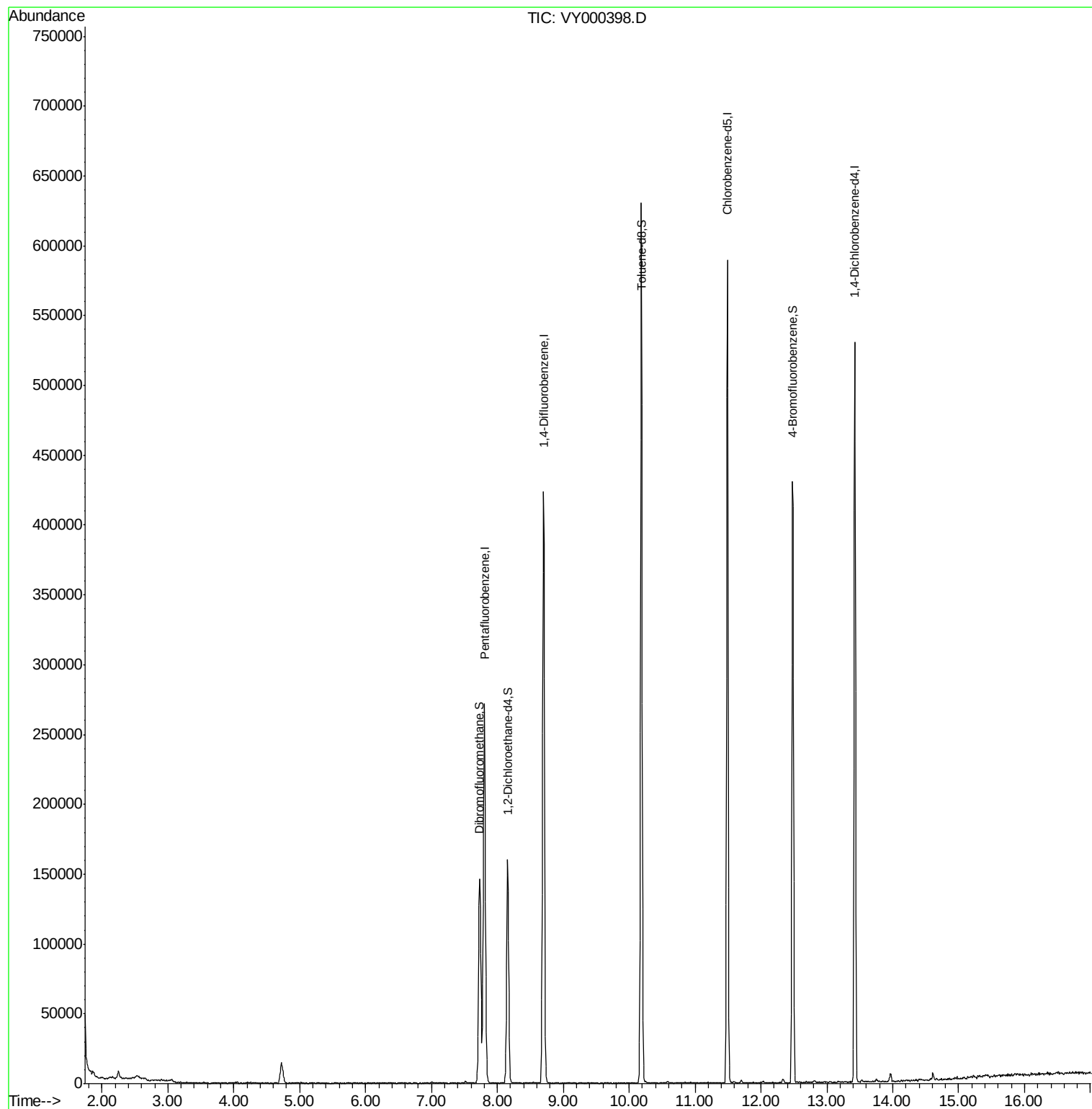
Target Compounds	Qvalue

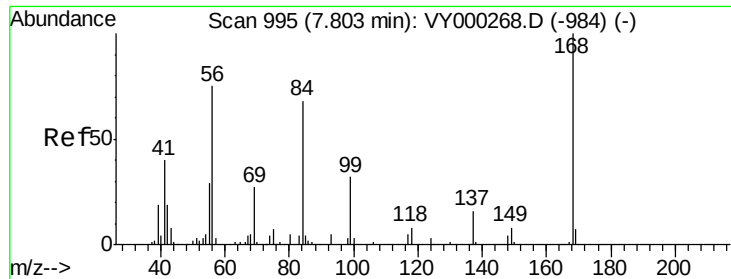
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000398.D

Acq: 23 Oct 2019 21:47

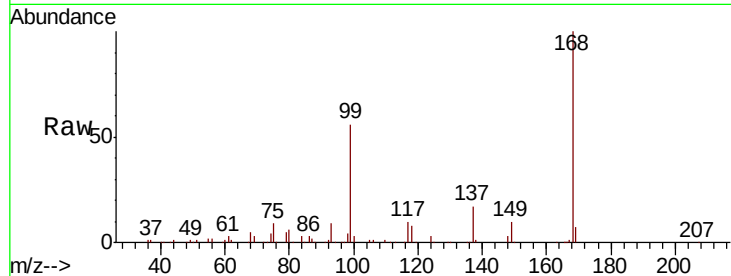
Instrument :
MSVOA_Y
ClientSampleId :
191-94-(1)

Tot Ion:168 Resp: 210160

Ion Ratio Lower Upper

168 100

99 56.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000398.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000398.D (-946) (-)

7.80

100000

80000

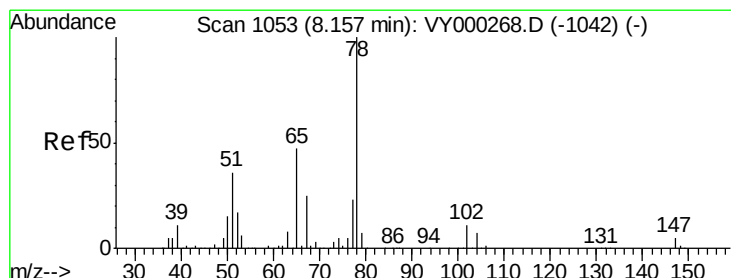
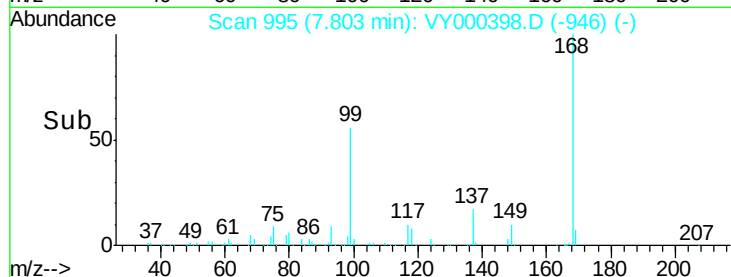
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.744 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000398.D

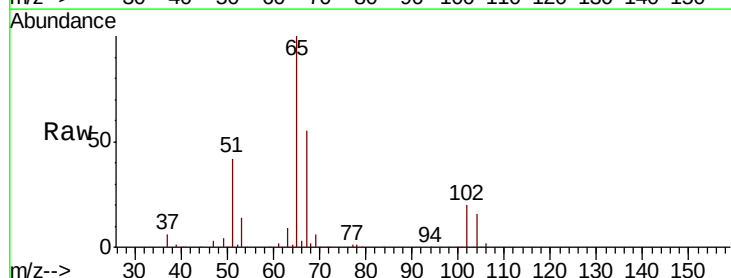
Acq: 23 Oct 2019 21:47

Tgt Ion: 65 Resp: 119143

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000398.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000398.D (-1004) (-)

8.16

60000

50000

40000

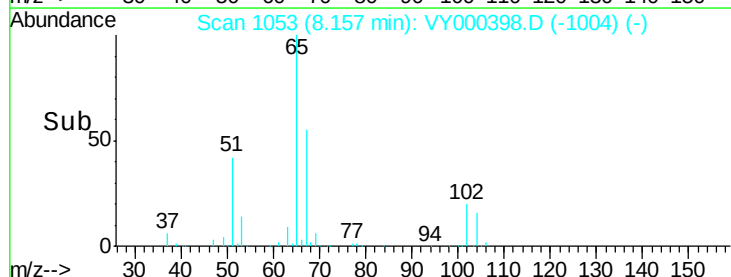
30000

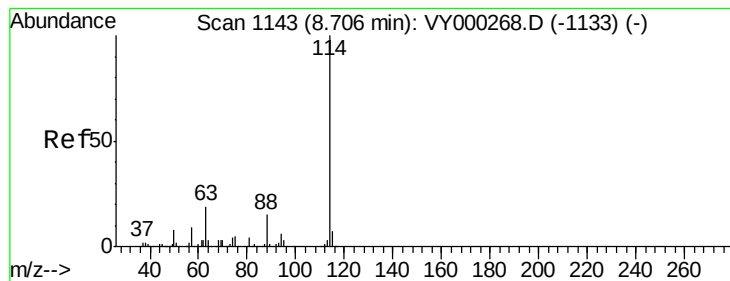
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000398.D

Acq: 23 Oct 2019 21:47

Instrument :

MSVOA_Y

ClientSampleId :

191-94-(1)

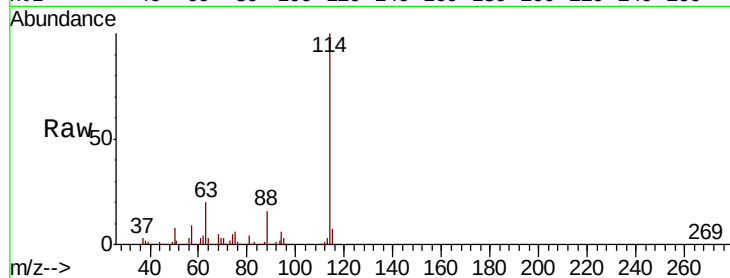
Tot Ion:114 Resp: 358407

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.2

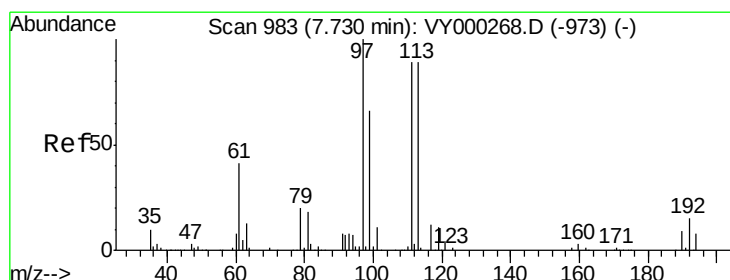
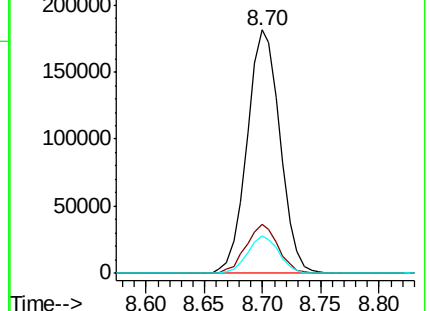
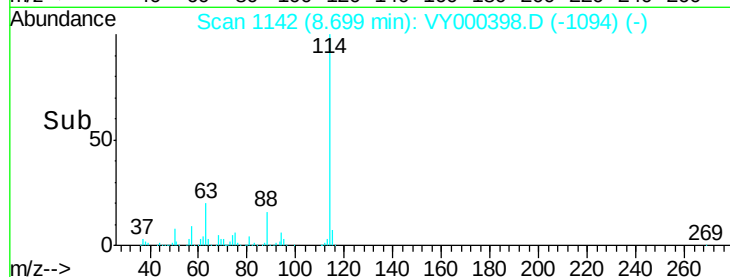
88 15.6 0.0 30.2



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: 47.738 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000398.D

Acq: 23 Oct 2019 21:47

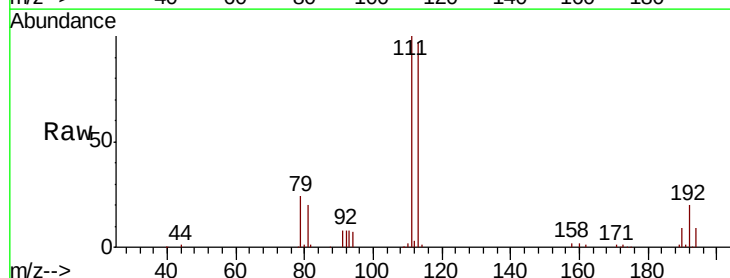
Tgt Ion:113 Resp: 103207

Ion Ratio Lower Upper

113 100

111 104.3 81.6 122.4

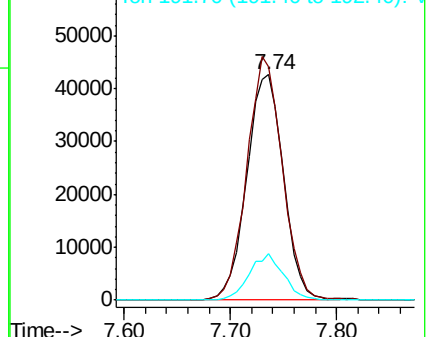
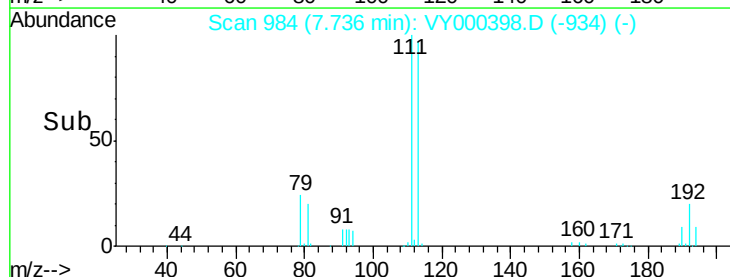
192 19.1 15.3 22.9

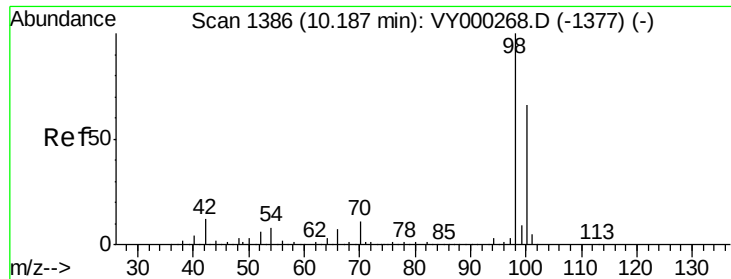


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.967 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000398.D

Acq: 23 Oct 2019 21:47

Instrument :

MSVOA_Y

ClientSampleId :

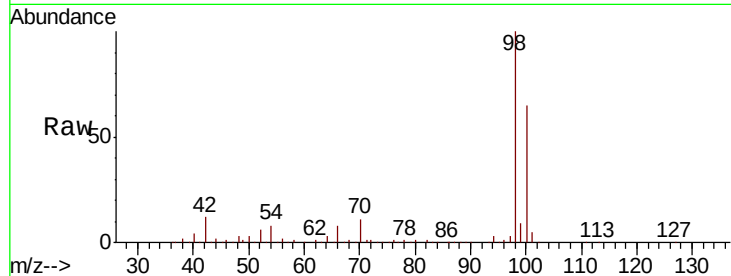
191-94-(1)

Tot Ion: 98 Resp: 415547

Ion Ratio Lower Upper

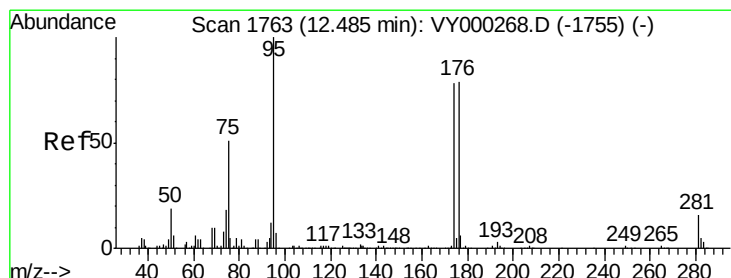
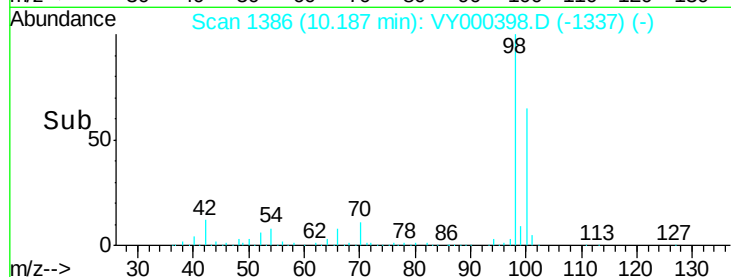
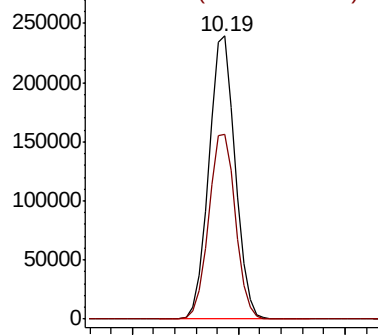
98 100

100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 40.683 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000398.D

Acq: 23 Oct 2019 21:47

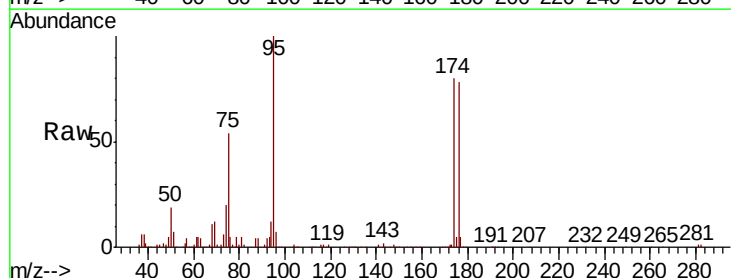
Tgt Ion: 95 Resp: 128537

Ion Ratio Lower Upper

95 100

174 83.4 0.0 159.6

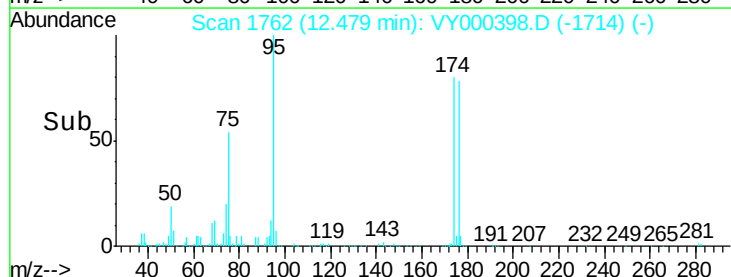
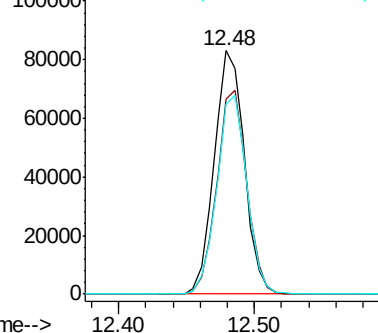
176 81.9 0.0 153.8

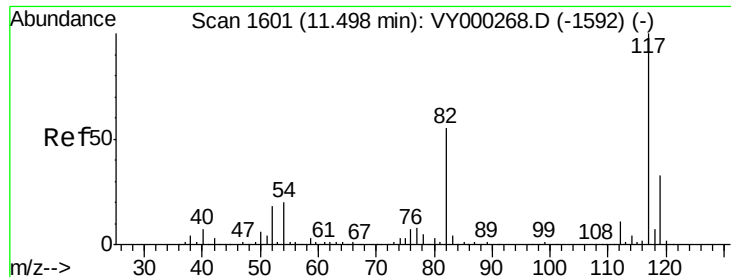


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

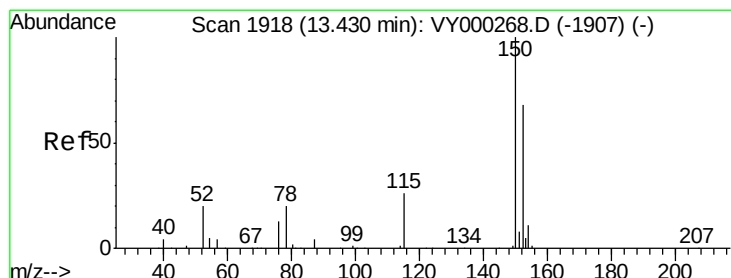
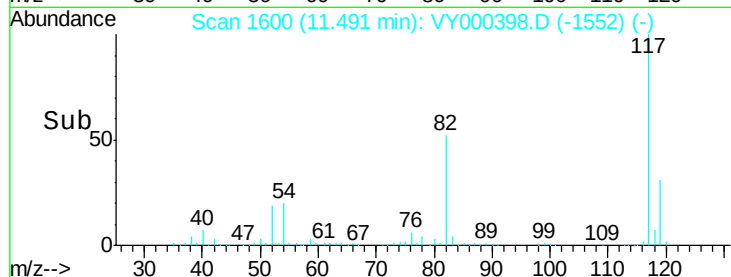
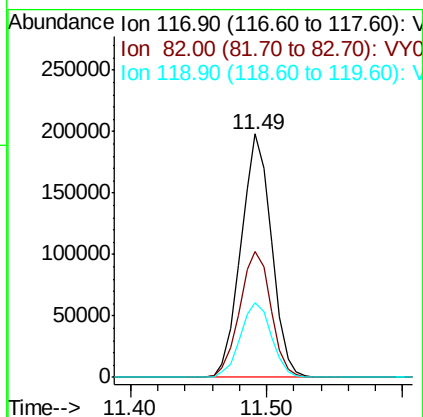
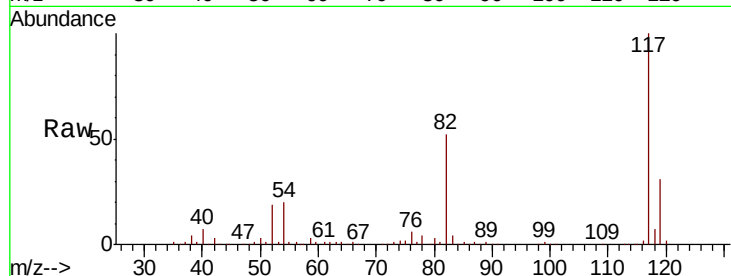




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

Instrument :
MSVOA_Y
ClientSampleId :
191-94-(1)

Tot Ion:117 Resp: 310495
Ion Ratio Lower Upper
117 100
82 51.5 43.7 65.5
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000398.D
Acq: 23 Oct 2019 21:47

Tgt Ion:152 Resp: 128622
Ion Ratio Lower Upper
152 100
115 57.1 29.3 88.0
150 155.0 0.0 348.4

