

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000114.D
 Acq On : 20 Sep 2019 17:38
 Operator : SY/MD
 Sample : K4877-05
 Misc : 2.99g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-2-3

Quant Time: Sep 21 00:37:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	81417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	181828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	149919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	50546	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	55620	59.38	ug/l	0.00
Spiked Amount			Recovery	=	118.76%	
35) Dibromofluoromethane	7.73	113	51601	46.87	ug/l	0.01
Spiked Amount			Recovery	=	93.74%	
50) Toluene-d8	10.18	98	215988	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.48	95	65746	40.95	ug/l	0.00
Spiked Amount			Recovery	=	81.90%	

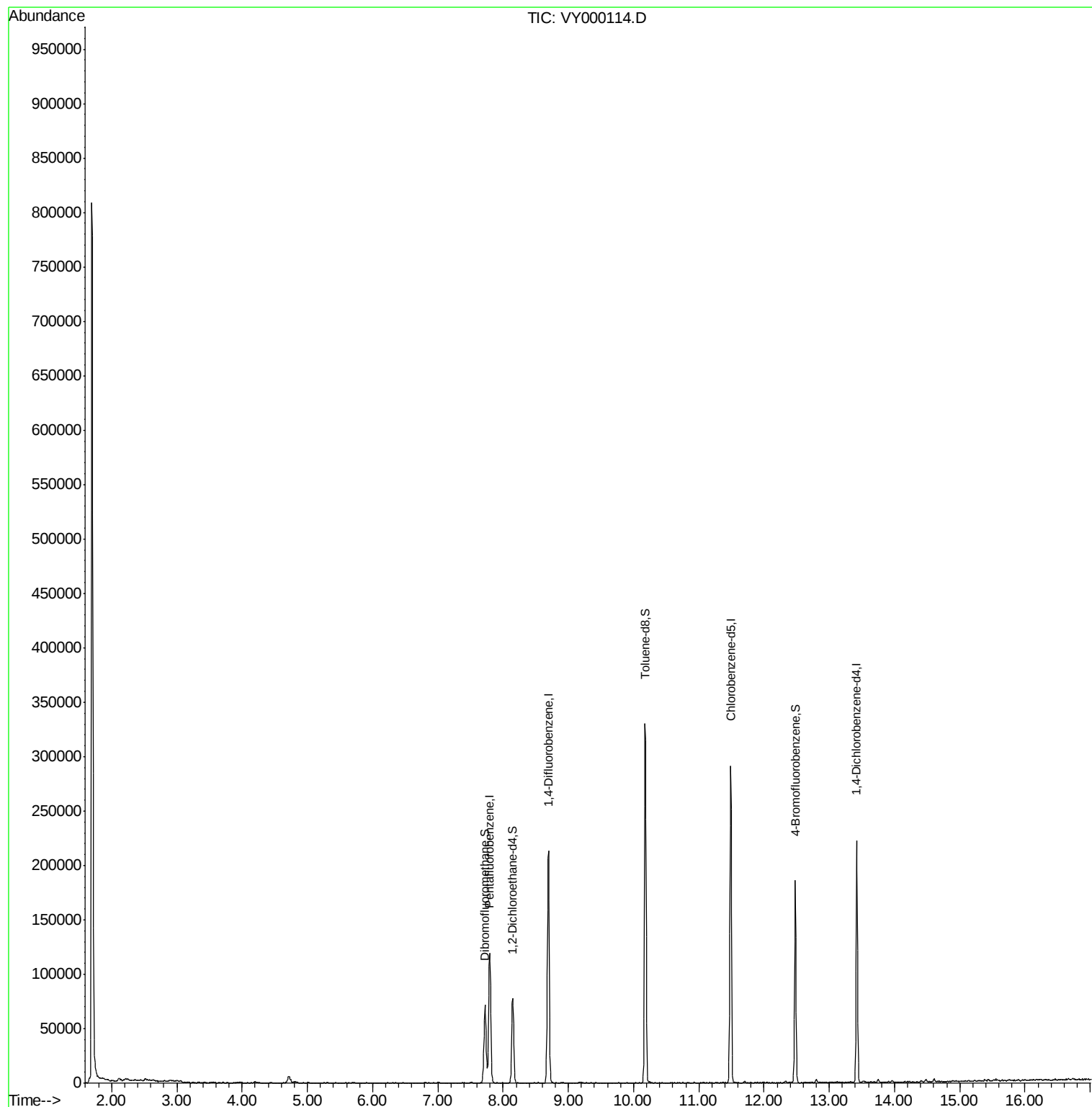
Target Compounds	Qvalue
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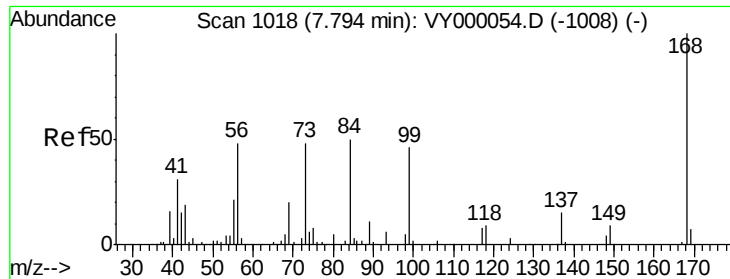
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY000114.D

Acq: 20 Sep 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

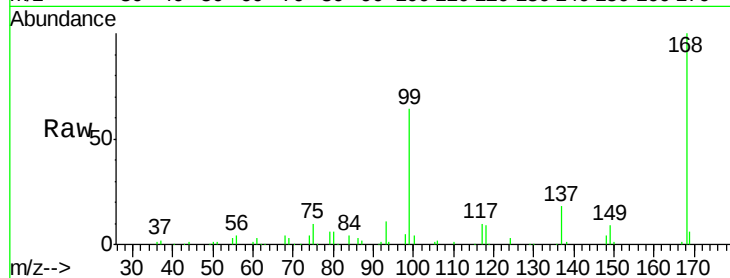
CSA-2-2-3

Tot Ion:168 Resp: 81417

Ion Ratio Lower Upper

168 100

99 63.9 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000114.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000114.D (-969) (-)

7.80

40000

30000

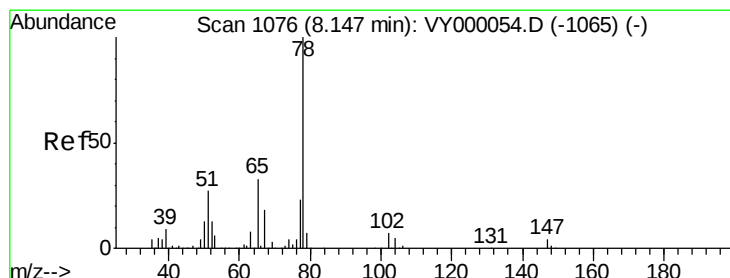
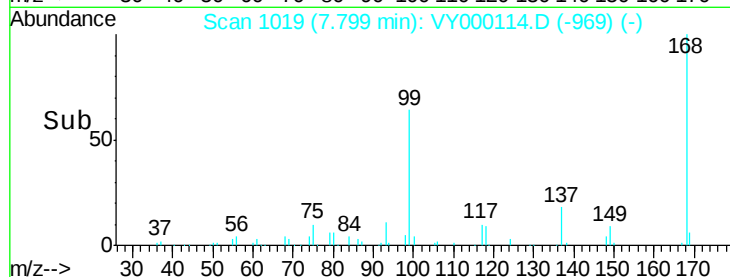
20000

10000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.378 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000114.D

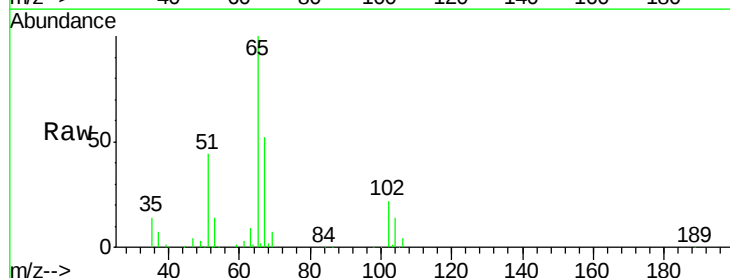
Acq: 20 Sep 2019 17:38

Tgt Ion: 65 Resp: 55620

Ion Ratio Lower Upper

65 100

67 53.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000114.D (-1027) (-)

Ion 66.90 (66.60 to 67.60): VY000114.D (-1027) (-)

8.15

30000

25000

20000

15000

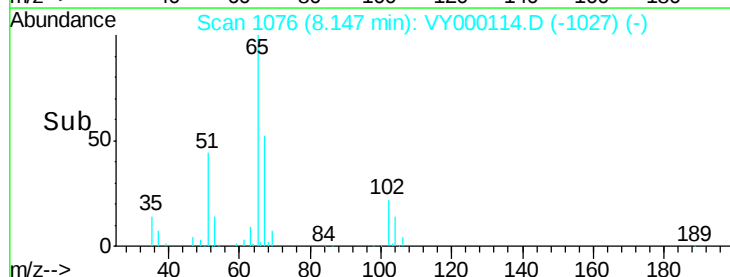
10000

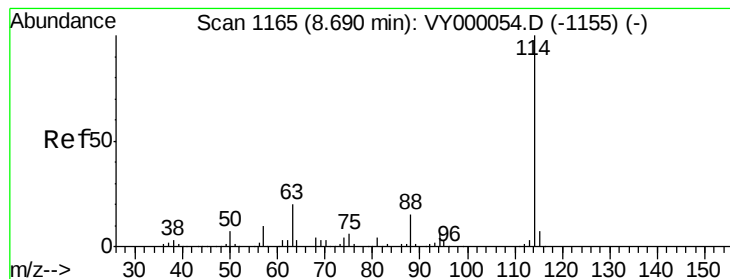
5000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1166

Delta R.T. 0.01 min

Lab File: VY000114.D

Acq: 20 Sep 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-2-3

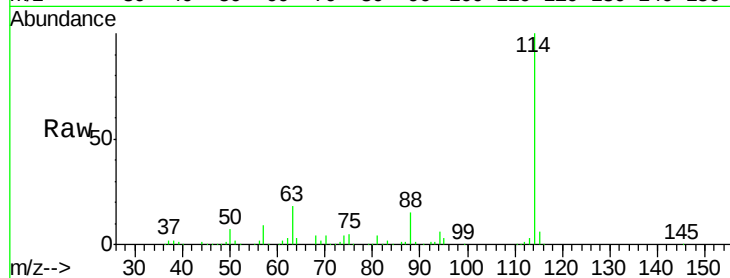
Tot Ion:114 Resp: 181828

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.4

88 15.4 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

120000

100000

80000

60000

40000

20000

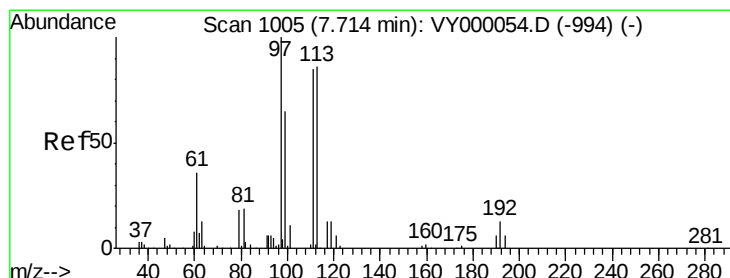
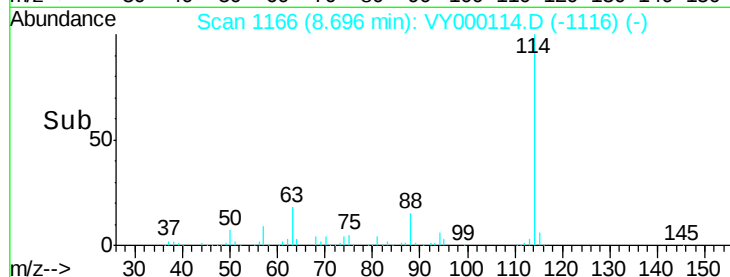
0

8.60

8.70

8.80

Time-->



#35

Dibromofluoromethane

Concen: 46.871 ug/l

RT: 7.73 min Scan# 1007

Delta R.T. 0.01 min

Lab File: VY000114.D

Acq: 20 Sep 2019 17:38

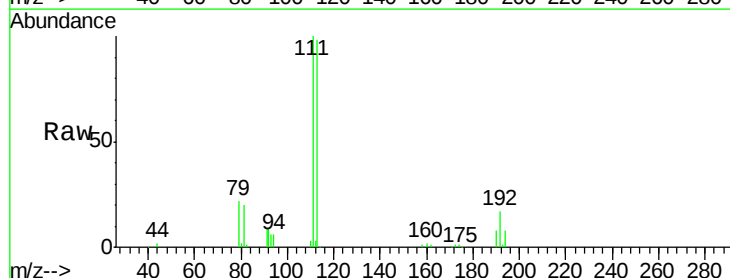
Tgt Ion:113 Resp: 51601

Ion Ratio Lower Upper

113 100

111 104.5 81.7 122.5

192 15.9 13.4 20.2



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

30000

25000

20000

15000

10000

5000

0

7.65

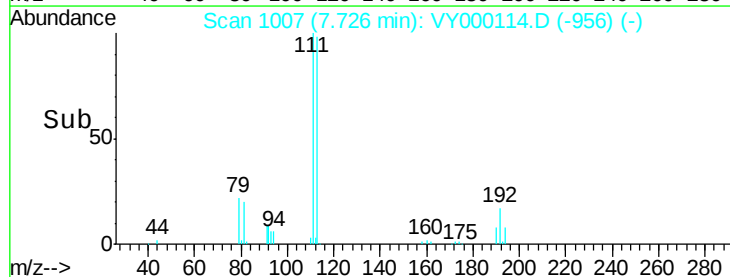
7.70

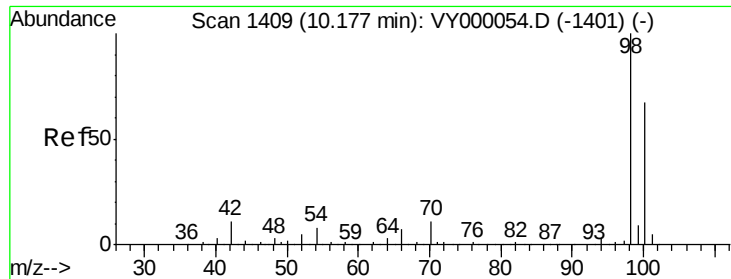
7.75

7.80

7.85

Time-->





#50

Toluene-d8

Concen: 49.950 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000114.D

Acq: 20 Sep 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

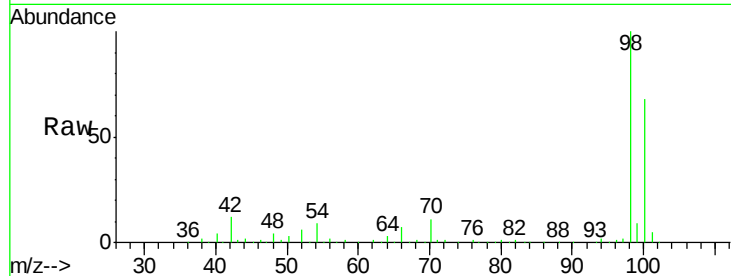
CSA-2-2-3

Tot Ion: 98 Resp: 215988

Ion Ratio Lower Upper

98 100

100 67.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY000054.D (-1401) (-)

Ion 100.00 (99.70 to 100.70): VY000054.D (-1401) (-)

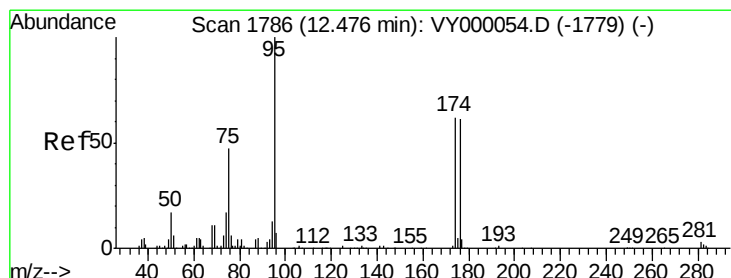
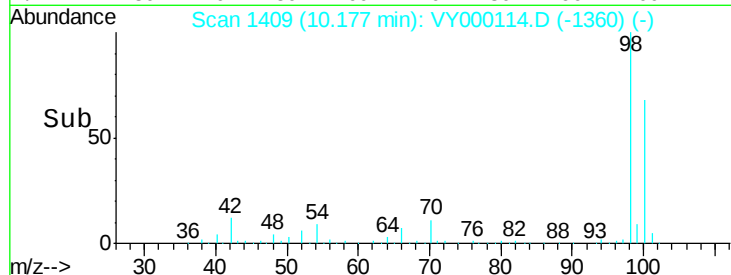
10.18

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.953 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000114.D

Acq: 20 Sep 2019 17:38

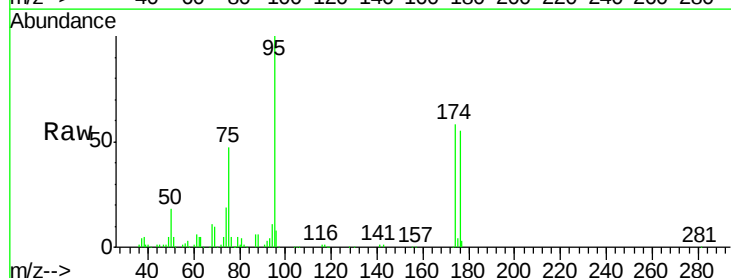
Tgt Ion: 95 Resp: 65746

Ion Ratio Lower Upper

95 100

174 61.9 0.0 137.2

176 58.2 0.0 135.0



Abundance Ion 94.90 (94.60 to 95.60): VY000054.D (-1779) (-)

Ion 173.80 (173.50 to 174.50): VY000054.D (-1779) (-)

Ion 175.80 (175.50 to 176.50): VY000054.D (-1779) (-)

12.48

50000

40000

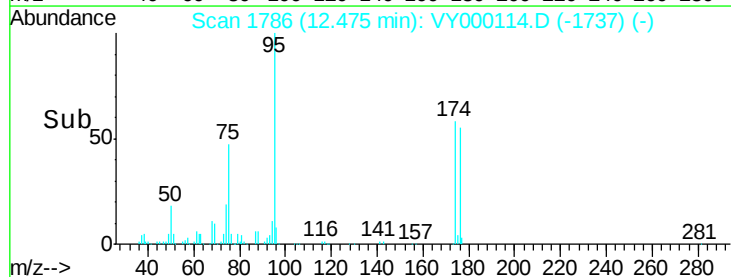
30000

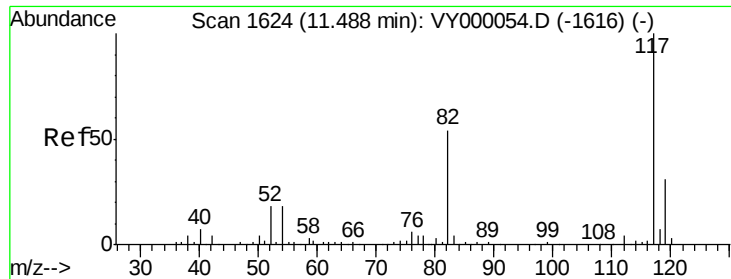
20000

10000

0

Time-->

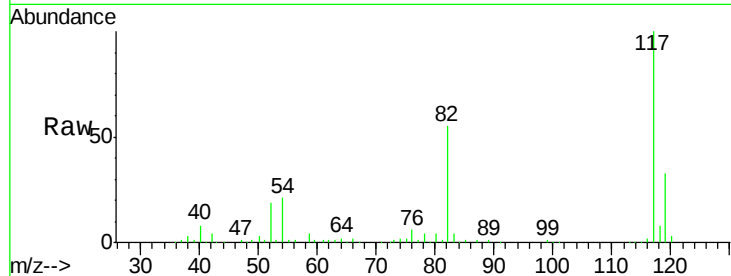




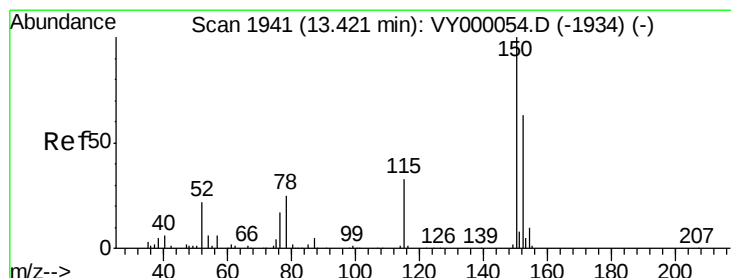
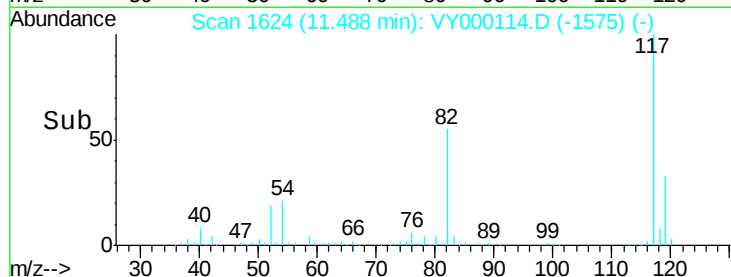
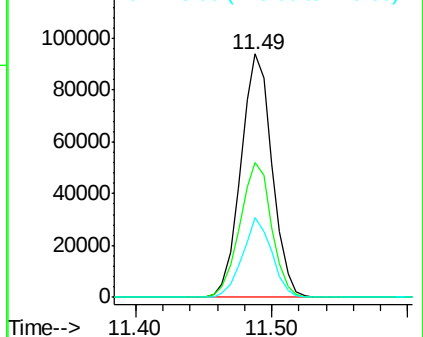
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000114.D
Acq: 20 Sep 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-2-3

Tot Ion:117 Resp: 149919
Ion Ratio Lower Upper
117 100
82 55.4 43.5 65.3
119 33.0 24.6 36.8

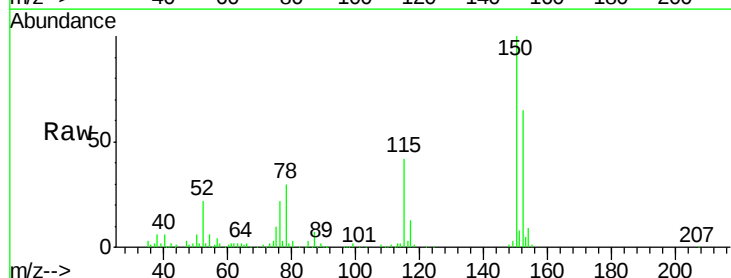


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000114.D
Acq: 20 Sep 2019 17:38

Tgt Ion:152 Resp: 50546
Ion Ratio Lower Upper
152 100
115 65.7 30.7 92.1
150 155.0 0.0 351.6



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

