

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000104.D
 Acq On : 20 Sep 2019 13:39
 Operator : SY/MD
 Sample : K4863-15
 Misc : 6.03g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-5-2

Quant Time: Sep 21 00:12:56 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	7.79	168	91599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	193946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	144935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	39964	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	57782	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
35) Dibromofluoromethane	7.72	113	55783	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	10.18	98	218667	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	12.48	95	58127	33.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.88%	

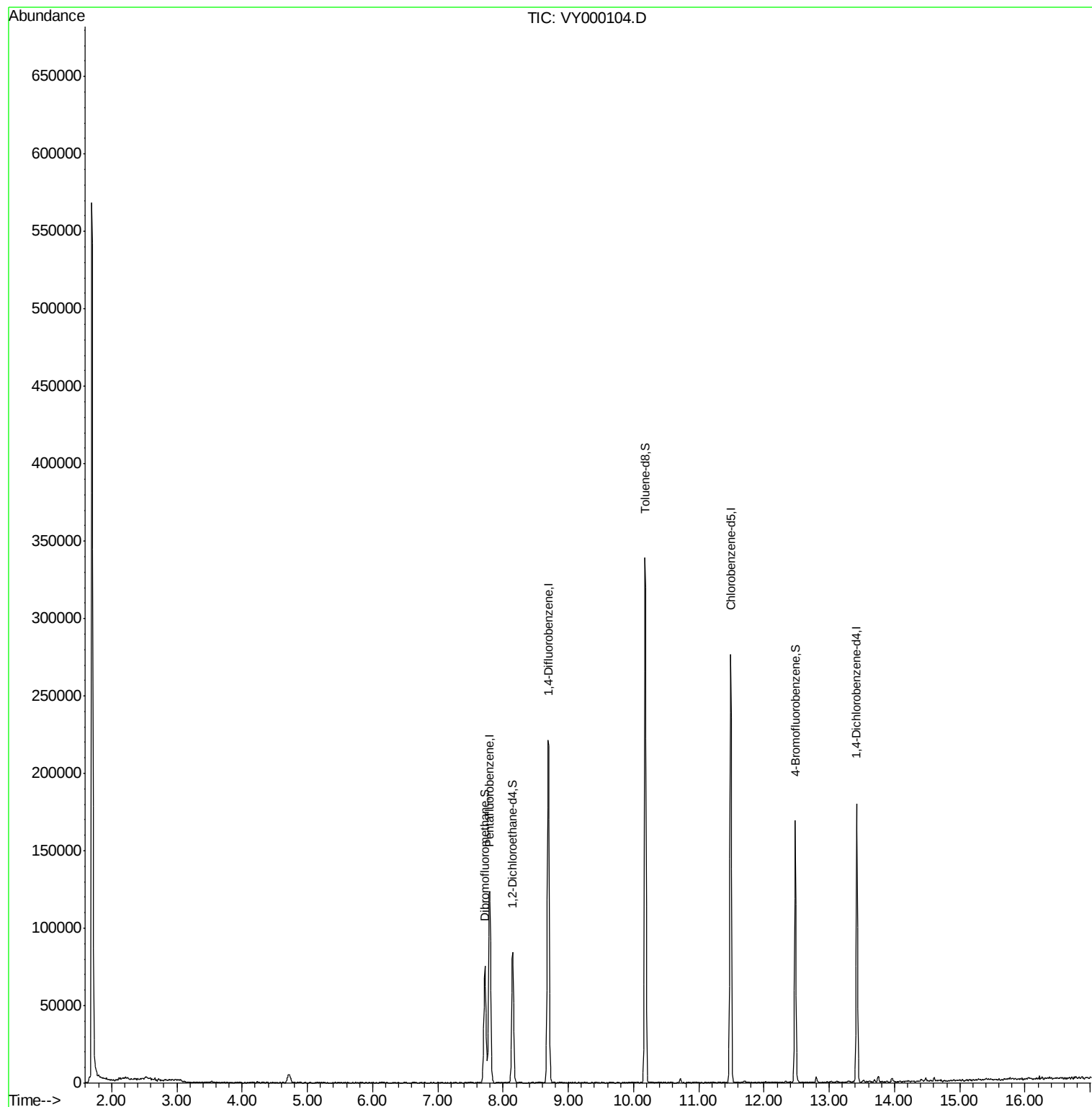
Target Compounds	Qvalue
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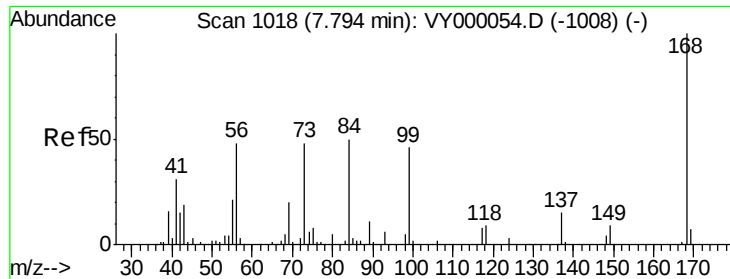
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000104.D

Acq: 20 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

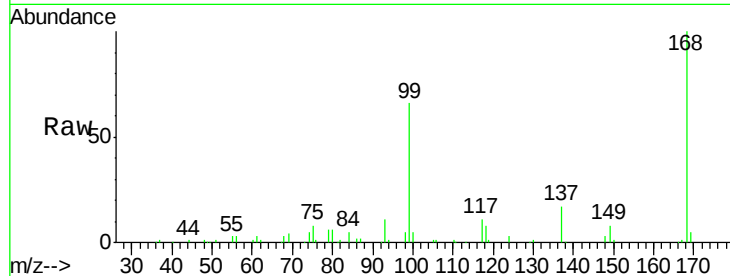
CSA-2-5-2

Tot Ion:168 Resp: 91599

Ion Ratio Lower Upper

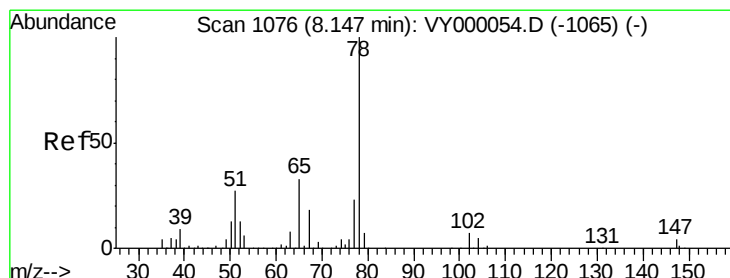
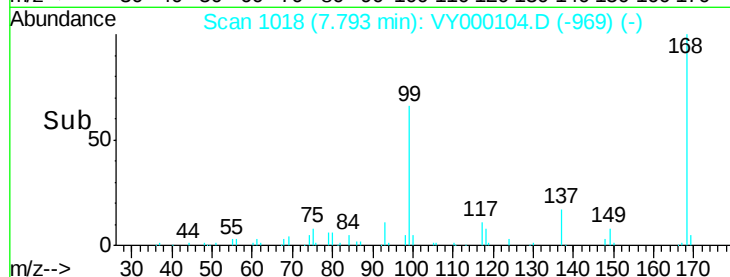
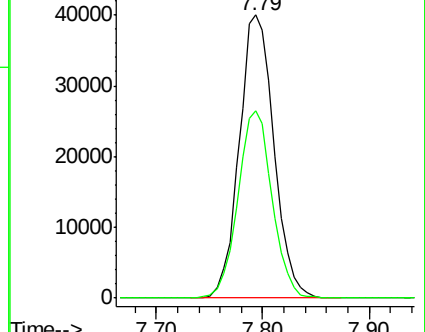
168 100

99 66.1 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.829 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000104.D

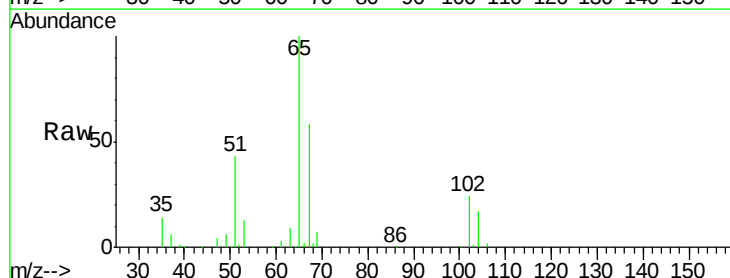
Acq: 20 Sep 2019 13:39

Tgt Ion: 65 Resp: 57782

Ion Ratio Lower Upper

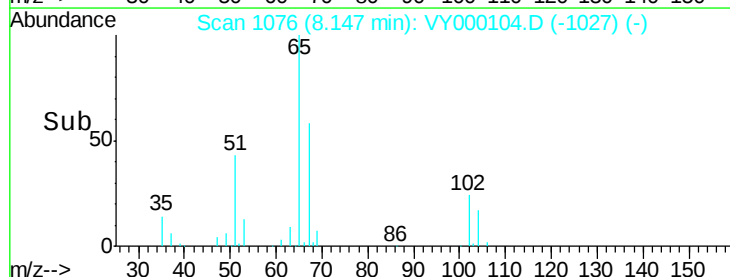
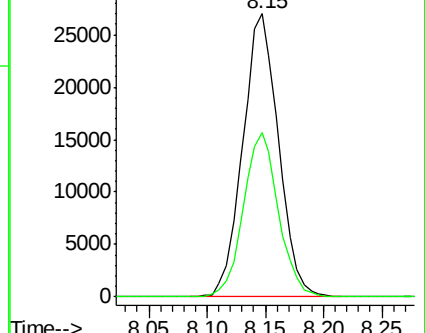
65 100

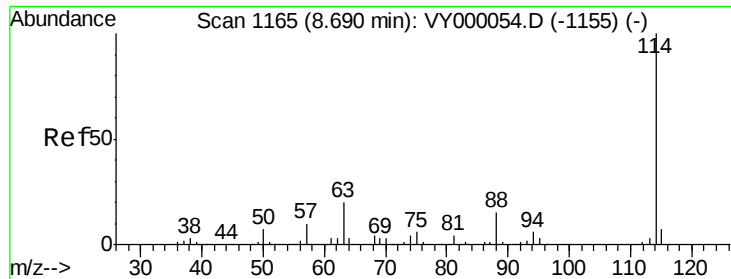
67 56.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000054.D (-1065) (-)

Ion 66.90 (66.60 to 67.60): VY000054.D (-1065) (-)

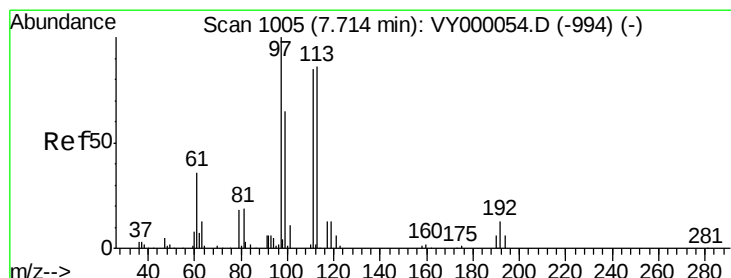
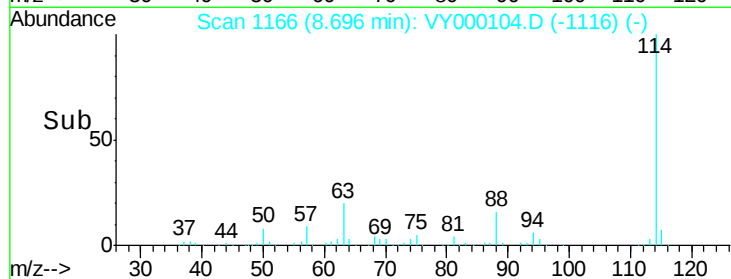
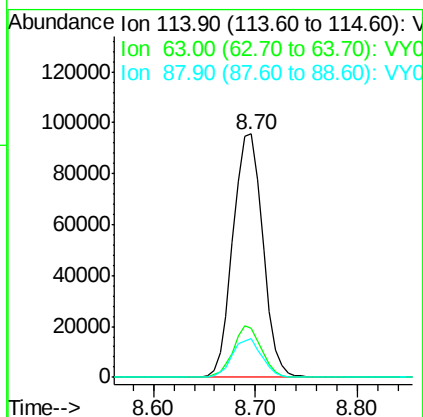
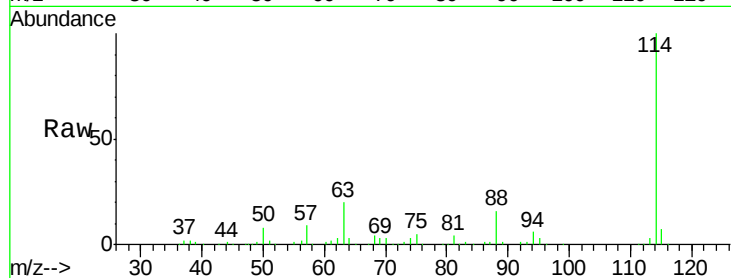




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: VY000104.D
 Acq: 20 Sep 2019 13:39

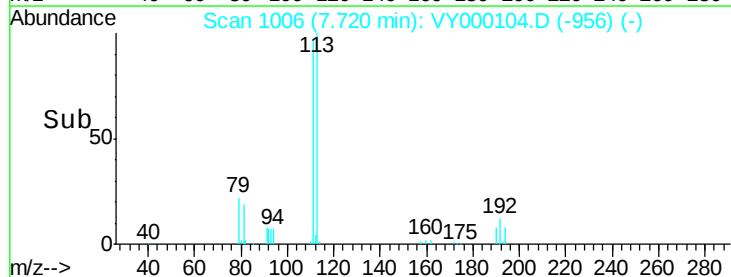
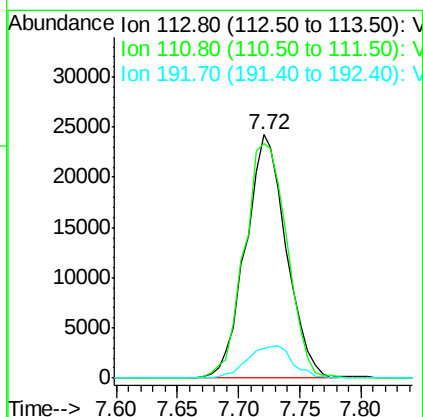
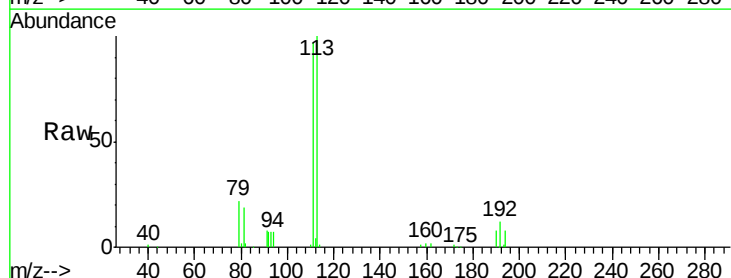
Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-5-2

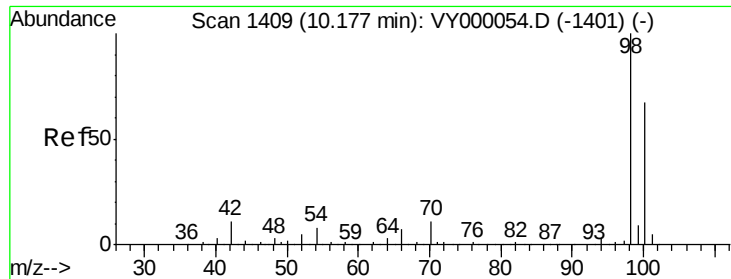
Tot Ion:114 Resp: 193946
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 16.1 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 47.503 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000104.D
 Acq: 20 Sep 2019 13:39

Tgt Ion:113 Resp: 55783
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 14.7 13.4 20.2





#50

Toluene-d8

Concen: 47.410 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000104.D

Acq: 20 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

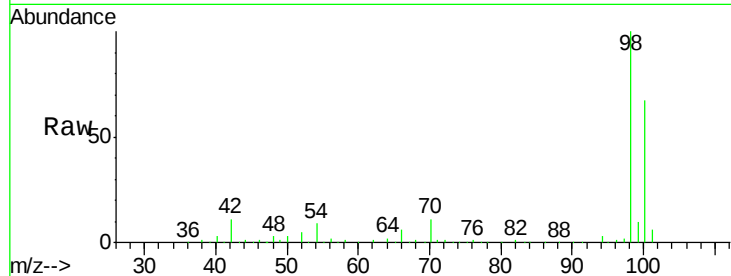
CSA-2-5-2

Tot Ion: 98 Resp: 218667

Ion Ratio Lower Upper

98 100

100 65.4 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

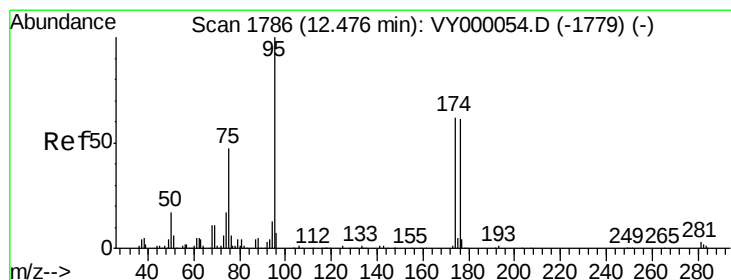
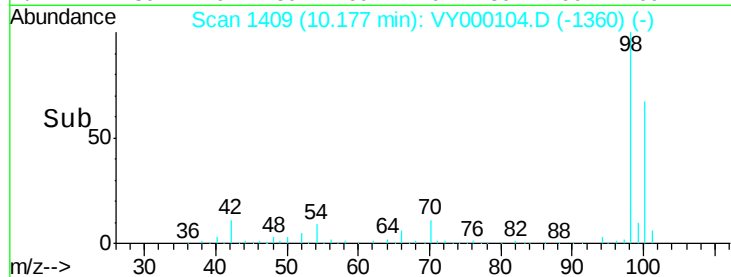
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.945 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000104.D

Acq: 20 Sep 2019 13:39

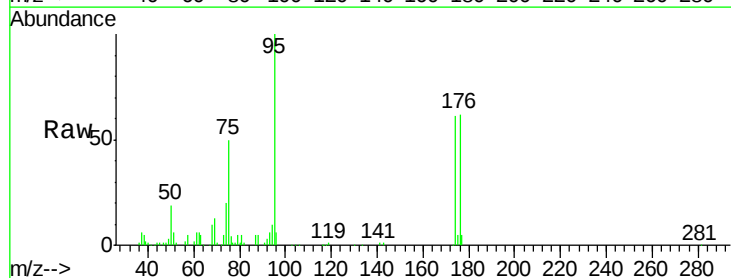
Tgt Ion: 95 Resp: 58127

Ion Ratio Lower Upper

95 100

174 65.7 0.0 137.2

176 60.8 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

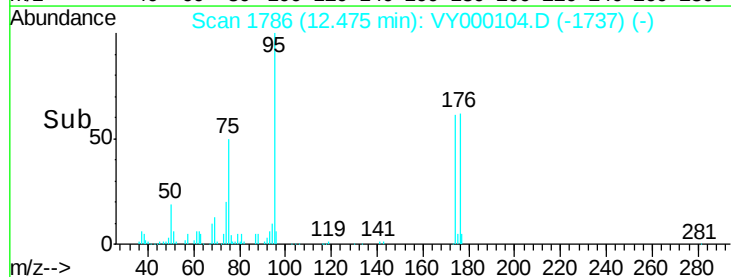
30000

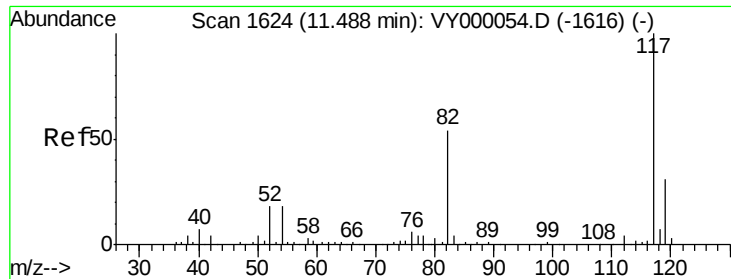
20000

10000

0

Time-->

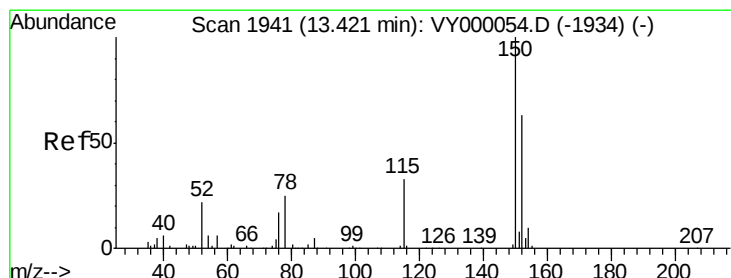
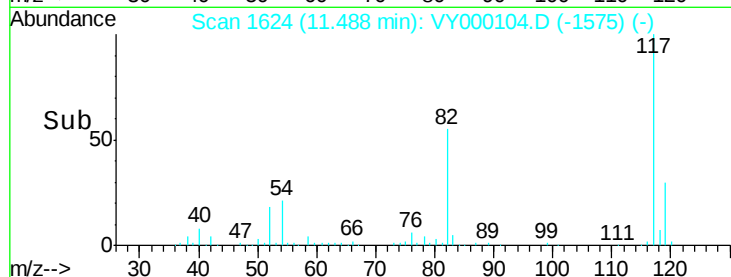
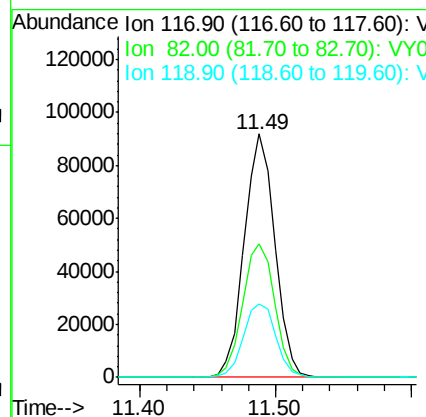
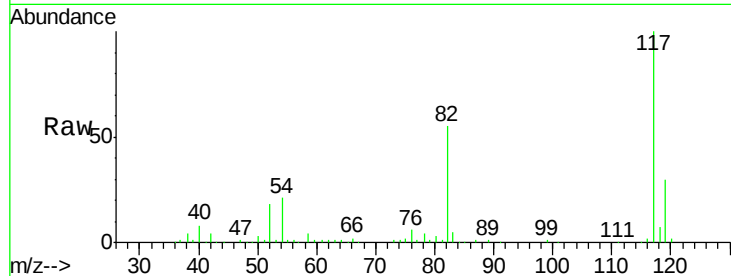




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000104.D
Acq: 20 Sep 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-5-2

Tot Ion:117 Resp: 144935
Ion Ratio Lower Upper
117 100
82 54.9 43.5 65.3
119 30.3 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1942
Delta R.T. 0.01 min
Lab File: VY000104.D
Acq: 20 Sep 2019 13:39

Tgt Ion:152 Resp: 39964
Ion Ratio Lower Upper
152 100
115 68.6 30.7 92.1
150 161.4 0.0 351.6

