

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000105.D
 Acq On : 20 Sep 2019 14:02
 Operator : SY/MD
 Sample : K4863-16
 Misc : 5.22g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-5-4

Quant Time: Sep 21 00:14:30 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	17918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	33797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	25524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	6944	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	10292	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	7.72	113	9575	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
50) Toluene-d8	10.18	98	38474	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.48	95	9627	32.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.52%	

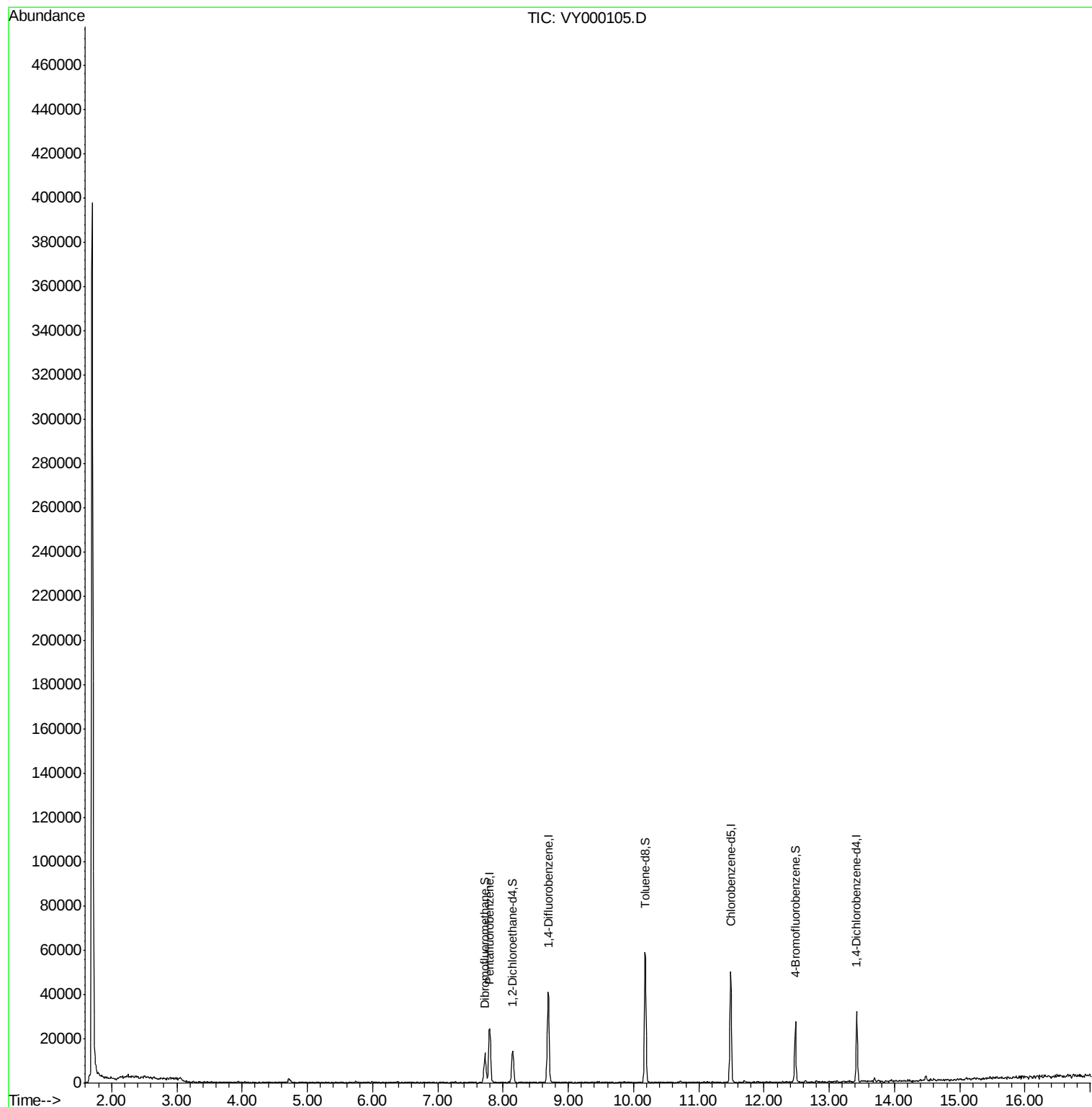
Target Compounds	Qvalue

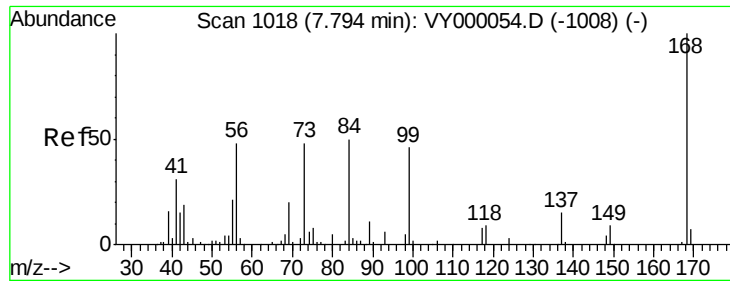
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY000105.D

Acq: 20 Sep 2019 14:02

Instrument :

MSVOA_Y

ClientSampleId :

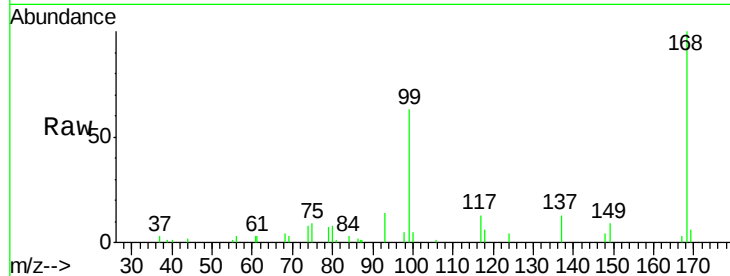
CSA-2-5-4

Tot Ion:168 Resp: 17918

Ion Ratio Lower Upper

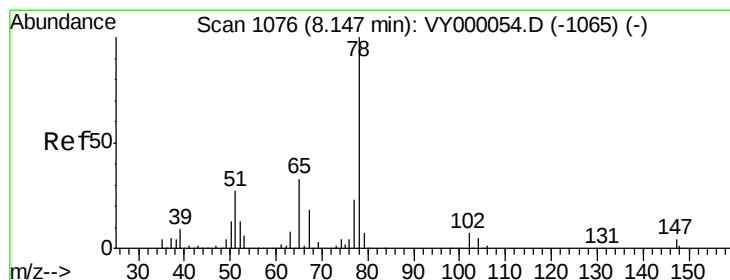
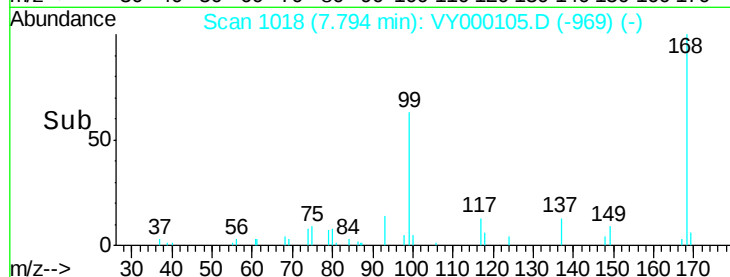
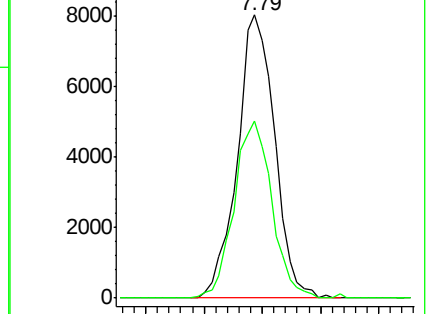
168 100

99 62.7 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: 49.925 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY000105.D

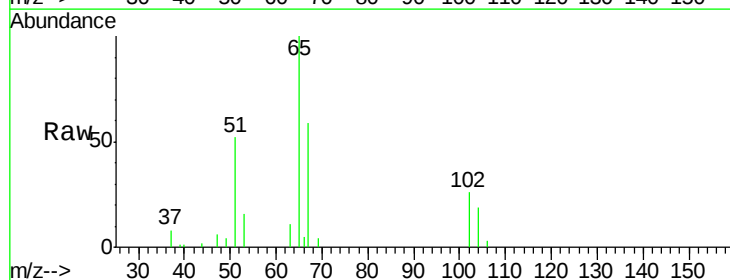
Acq: 20 Sep 2019 14:02

Tgt Ion: 65 Resp: 10292

Ion Ratio Lower Upper

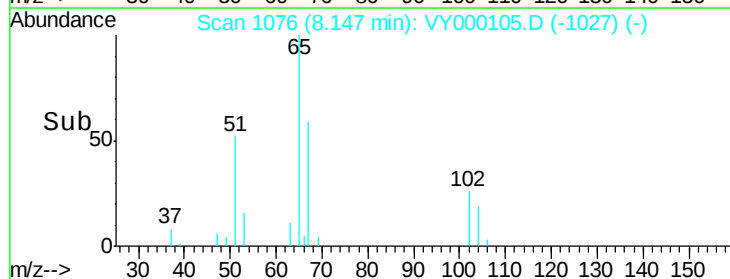
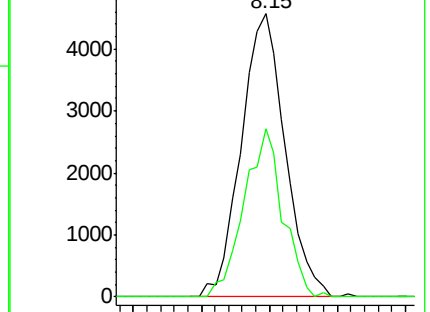
65 100

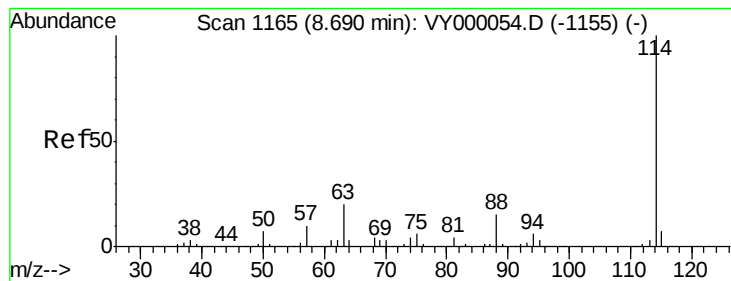
67 52.6 0.0 111.0



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: VY000105.D

Acq: 20 Sep 2019 14:02

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-5-4

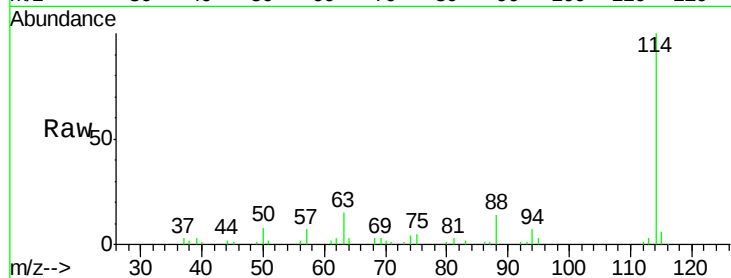
Tot Ion:114 Resp: 33797

Ion Ratio Lower Upper

114 100

63 15.5 0.0 39.4

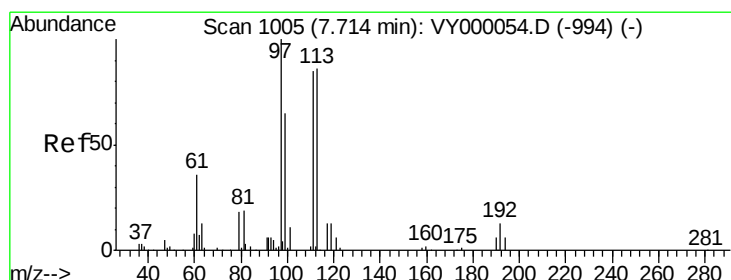
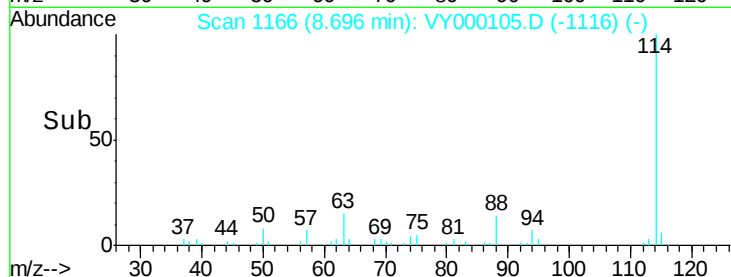
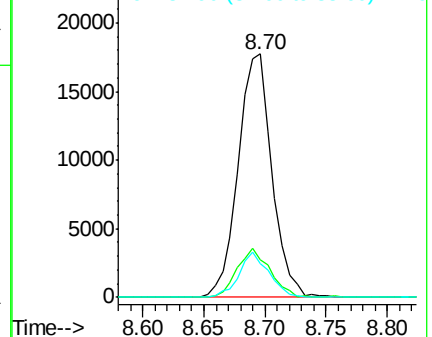
88 13.8 0.0 30.2



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: 46.791 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000105.D

Acq: 20 Sep 2019 14:02

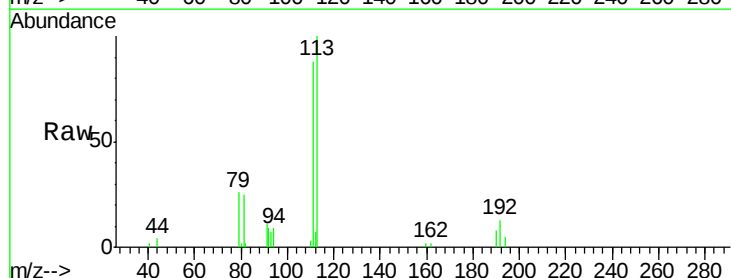
Tgt Ion:113 Resp: 9575

Ion Ratio Lower Upper

113 100

111 96.6 81.7 122.5

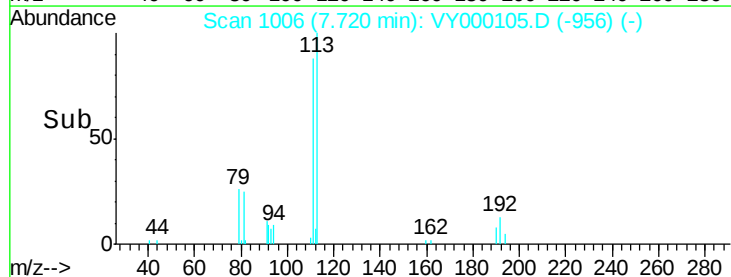
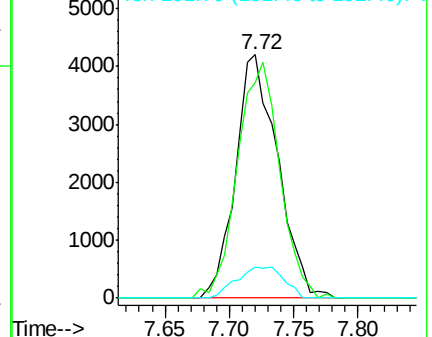
192 14.2 13.4 20.2

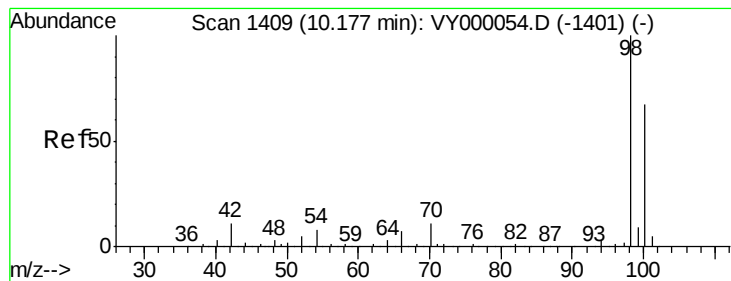


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.869 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VY000105.D

Acq: 20 Sep 2019 14:02

Instrument :

MSVOA_Y

ClientSampleId :

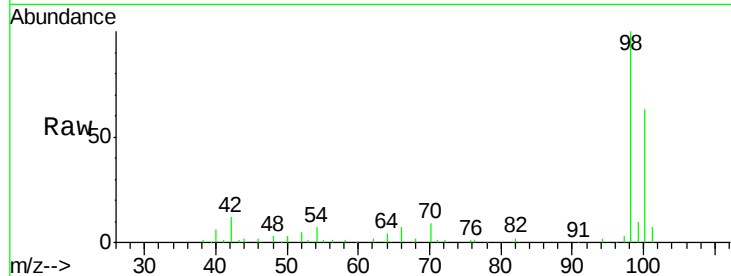
CSA-2-5-4

Tot Ion: 98 Resp: 38474

Ion Ratio Lower Upper

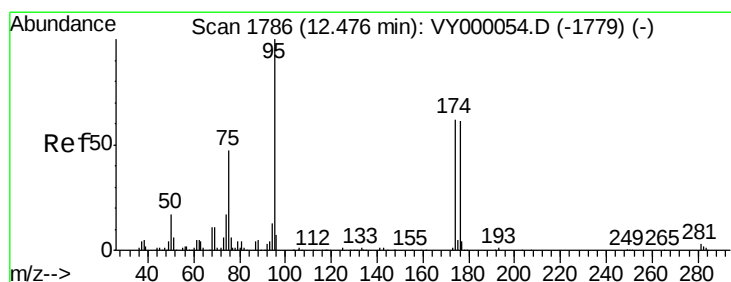
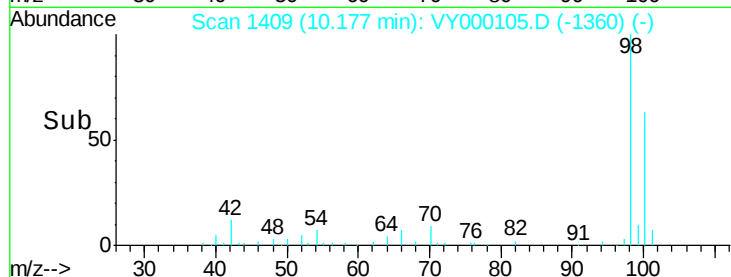
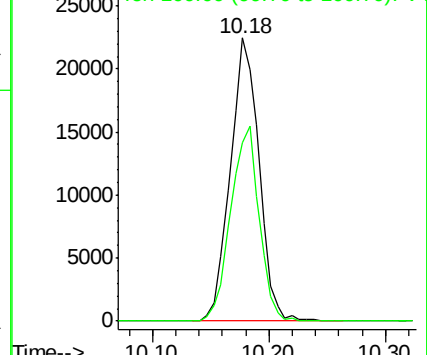
98 100

100 68.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 32.262 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VY000105.D

Acq: 20 Sep 2019 14:02

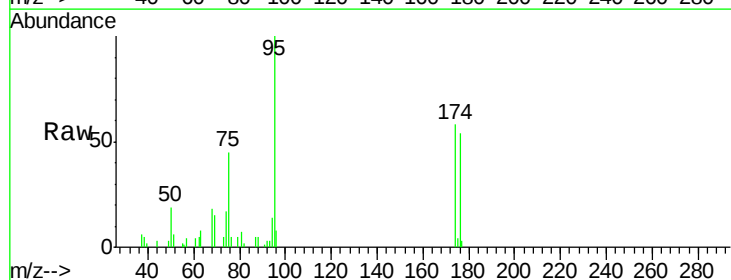
Tgt Ion: 95 Resp: 9627

Ion Ratio Lower Upper

95 100

174 62.6 0.0 137.2

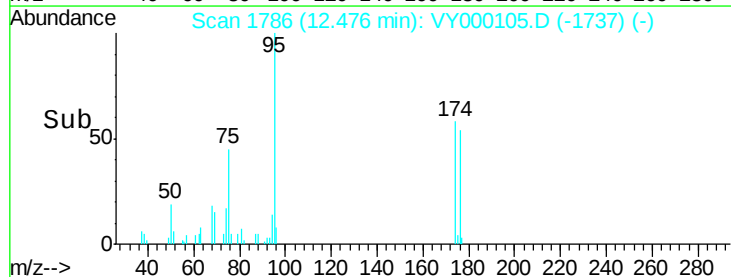
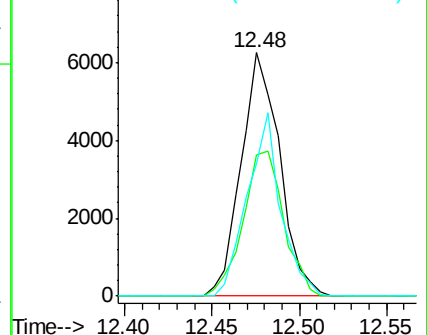
176 65.0 0.0 135.0

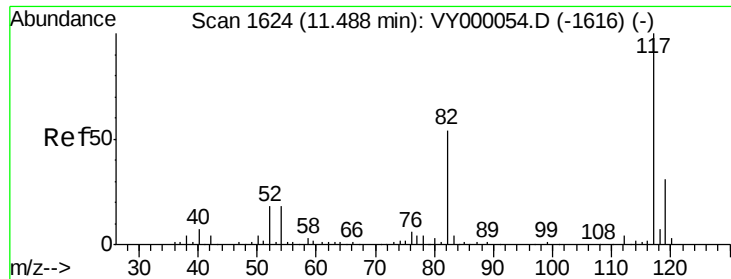


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

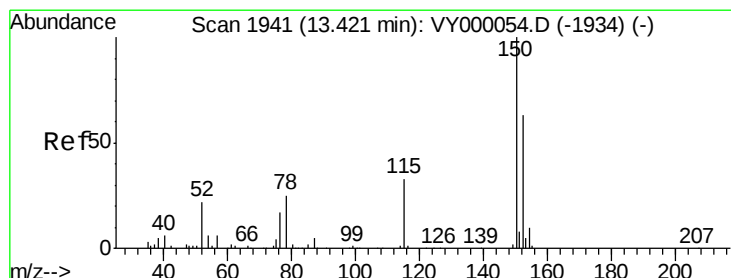
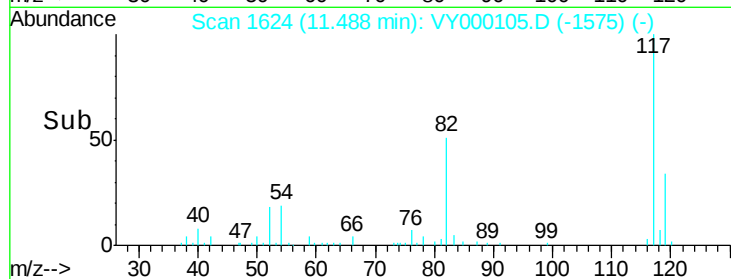
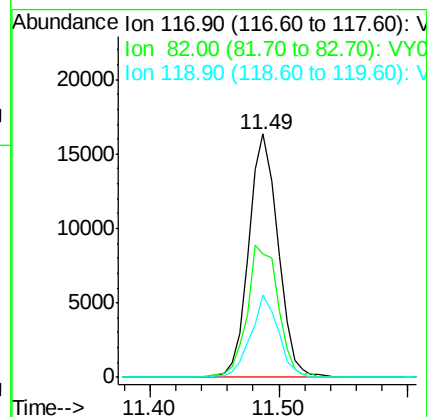
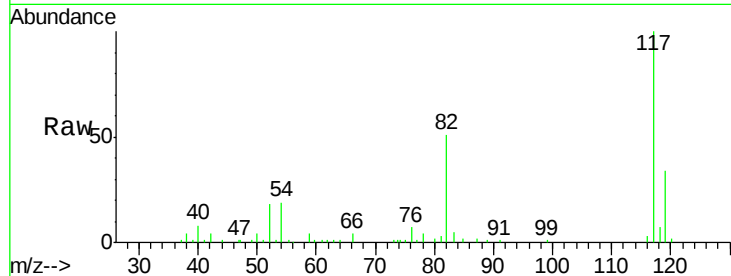




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VY000105.D
Acq: 20 Sep 2019 14:02

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-5-4

Tot Ion:117 Resp: 25524
Ion Ratio Lower Upper
117 100
82 50.7 43.5 65.3
119 34.0 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VY000105.D
Acq: 20 Sep 2019 14:02

Tgt Ion:152 Resp: 6944
Ion Ratio Lower Upper
152 100
115 61.3 30.7 92.1
150 160.2 0.0 351.6

