

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000089.D
 Acq On : 19 Sep 2019 19:48
 Operator : SY/MD
 Sample : K4862-08
 Misc : 5.04g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-4-4-1

Quant Time: Sep 20 04:00:18 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	91488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	187885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	139966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	40901	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	57837	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
35) Dibromofluoromethane	7.72	113	55054	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	10.18	98	212081	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	12.48	95	57419	34.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.22%	

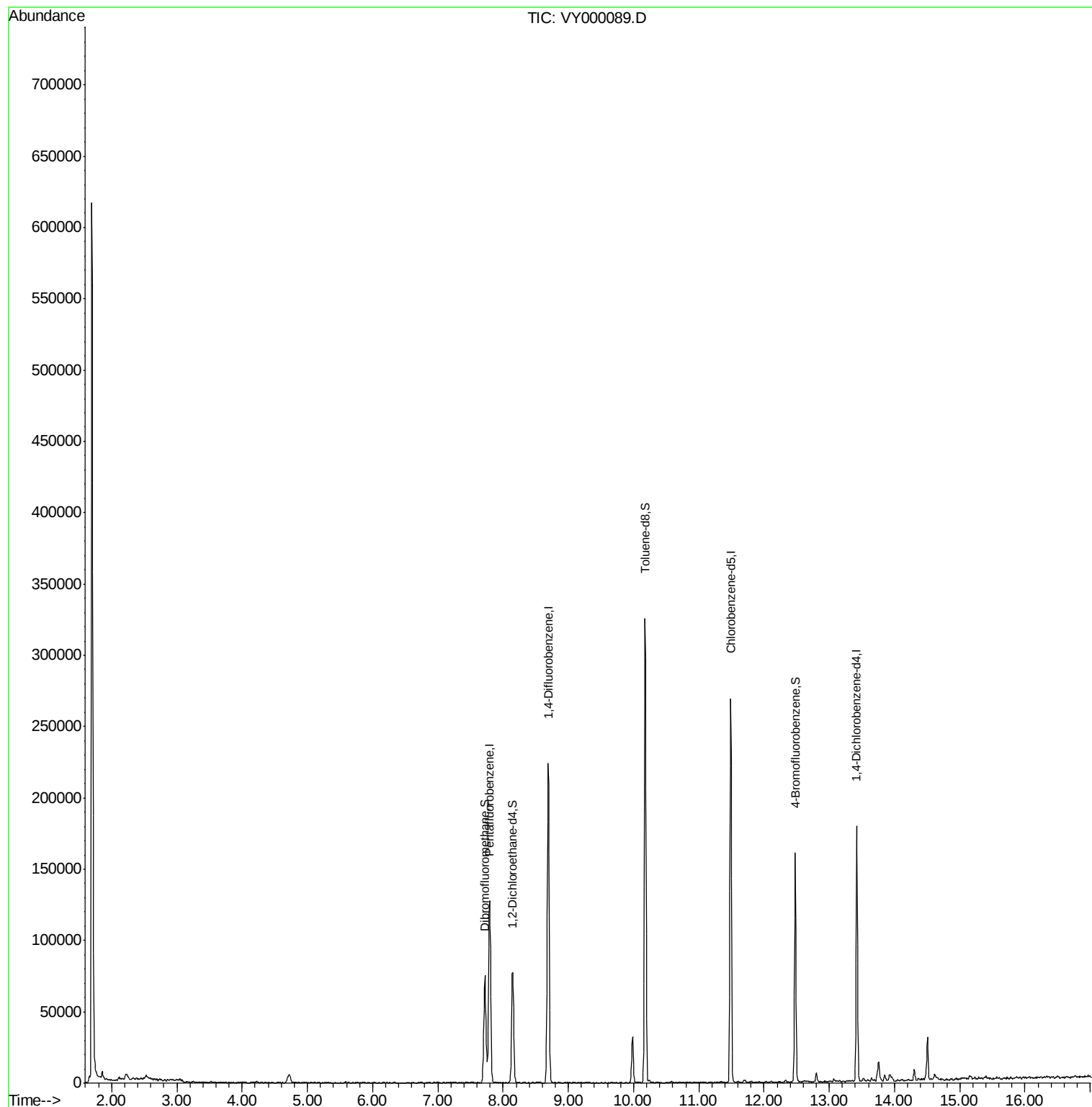
Target Compounds	Qvalue

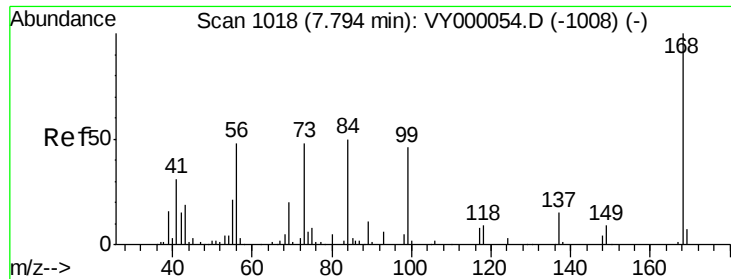
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000089.D

Acq: 19 Sep 2019 19:48

Instrument :

MSVOA_Y

ClientSampleId :

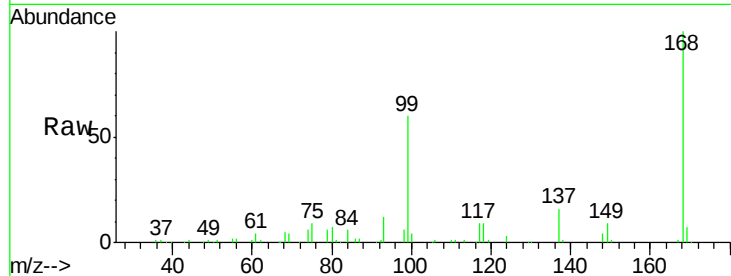
CSA-4-4-1

Tot Ion:168 Resp: 91488

Ion Ratio Lower Upper

168 100

99 59.7 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000089.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000089.D (-969) (-)

7.79

40000

30000

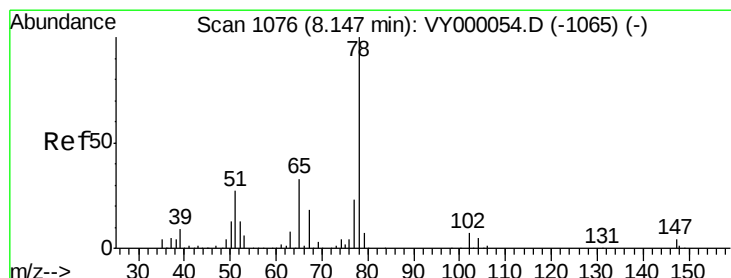
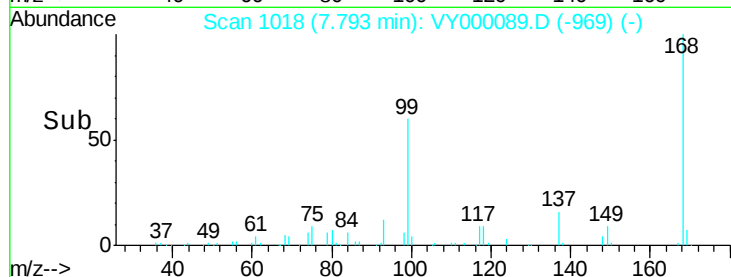
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.948 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY000089.D

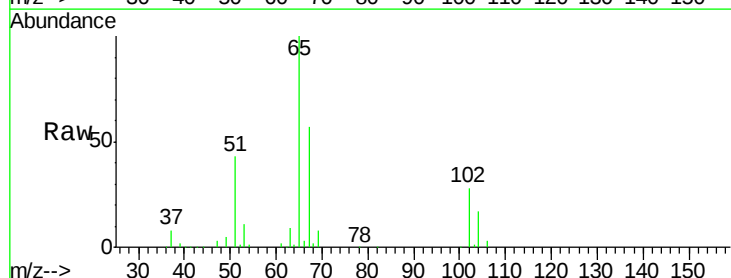
Acq: 19 Sep 2019 19:48

Tgt Ion: 65 Resp: 57837

Ion Ratio Lower Upper

65 100

67 56.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000089.D (-1027) (-)

Ion 66.90 (66.60 to 67.60): VY000089.D (-1027) (-)

8.14

30000

25000

20000

15000

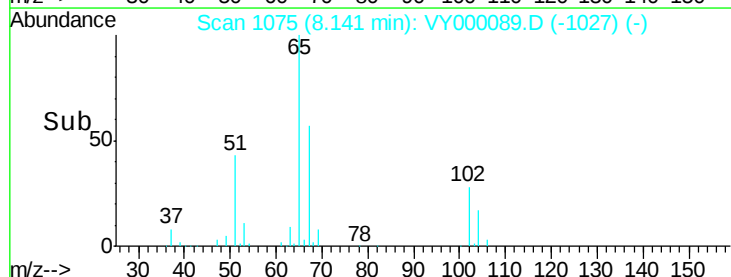
10000

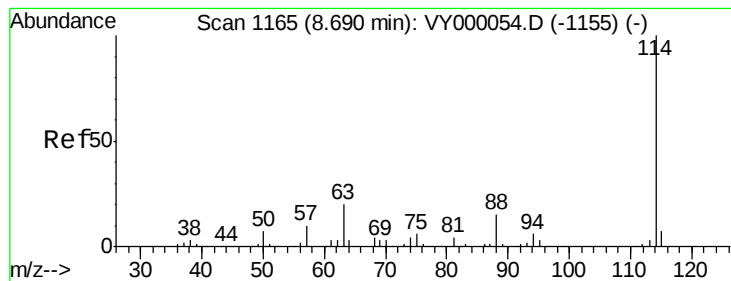
5000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000089.D

Acq: 19 Sep 2019 19:48

Instrument :

MSVOA_Y

ClientSampleId :

CSA-4-4-1

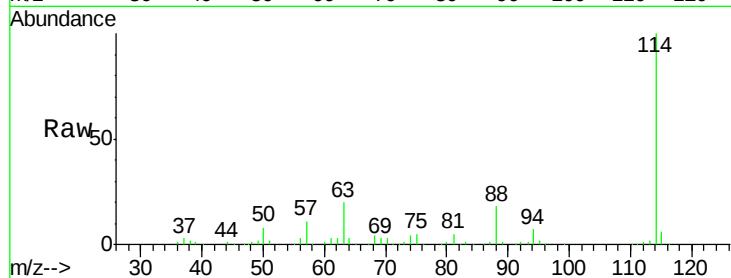
Tot Ion:114 Resp: 187885

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.4

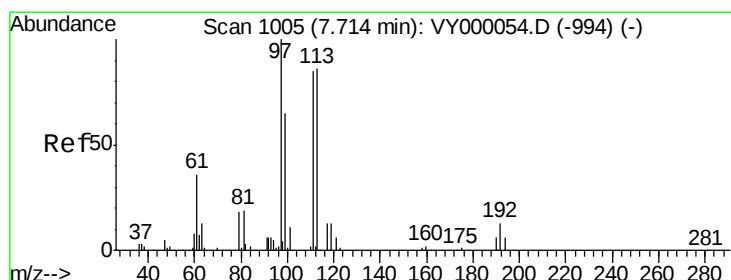
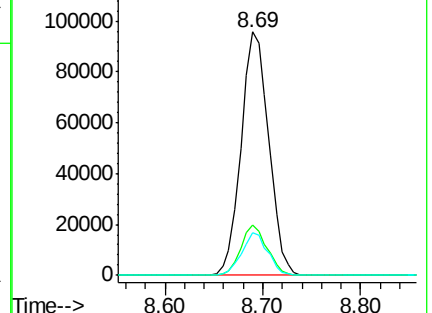
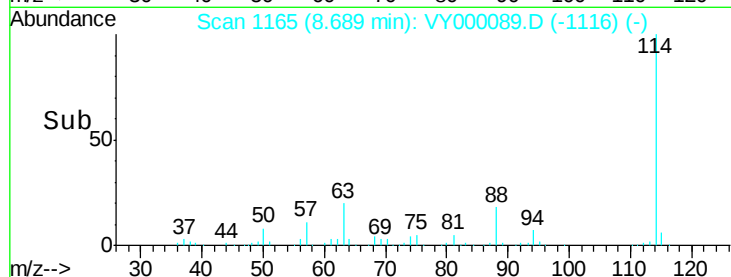
88 17.7 0.0 30.2



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: 48.395 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000089.D

Acq: 19 Sep 2019 19:48

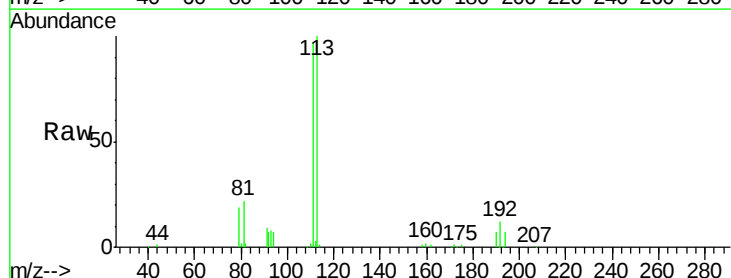
Tgt Ion:113 Resp: 55054

Ion Ratio Lower Upper

113 100

111 100.3 81.7 122.5

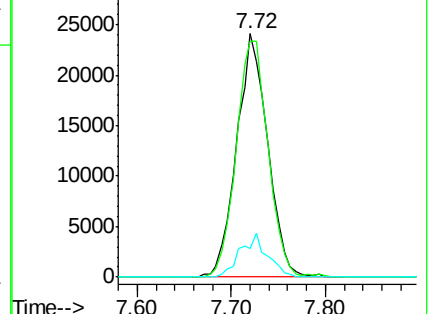
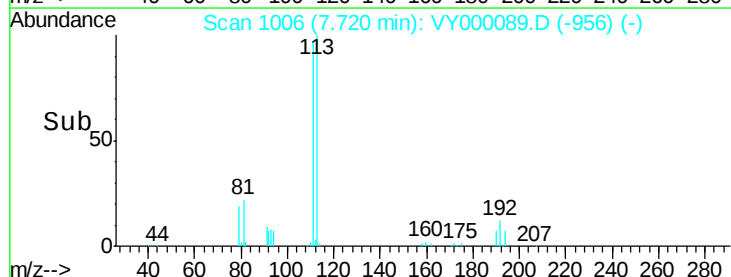
192 15.5 13.4 20.2

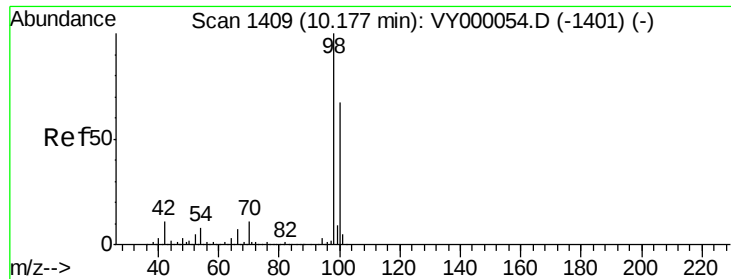


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

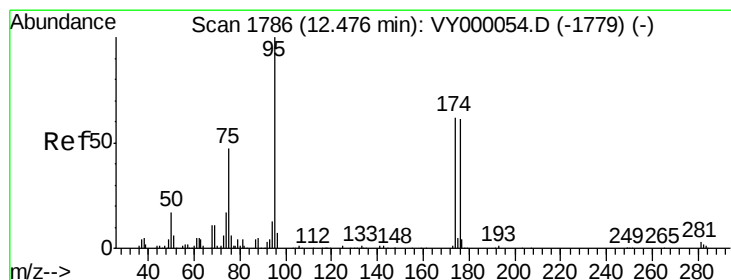
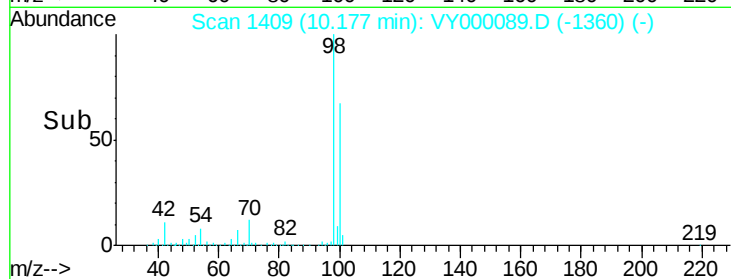
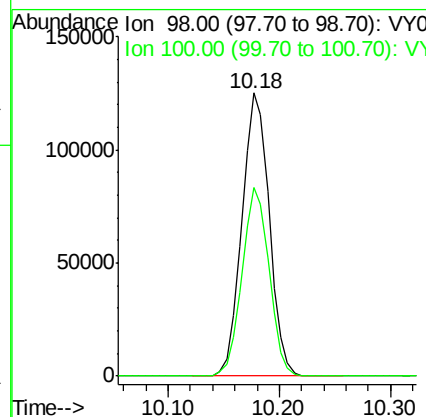
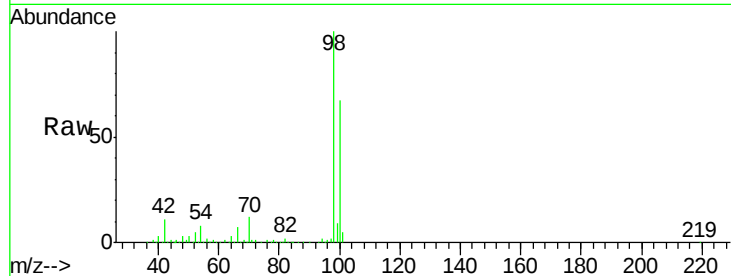




#50
Toluene-d8
Concen: 47.465 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000089.D
Acq: 19 Sep 2019 19:48

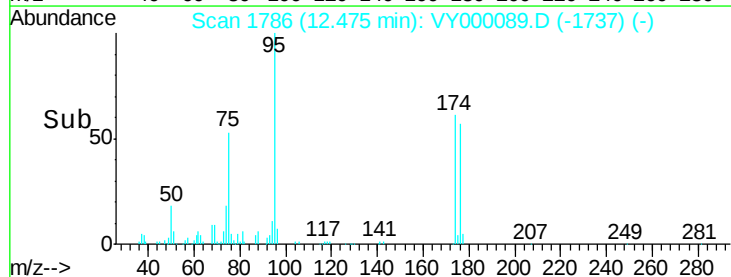
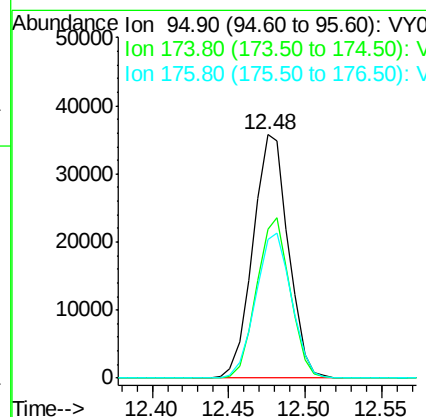
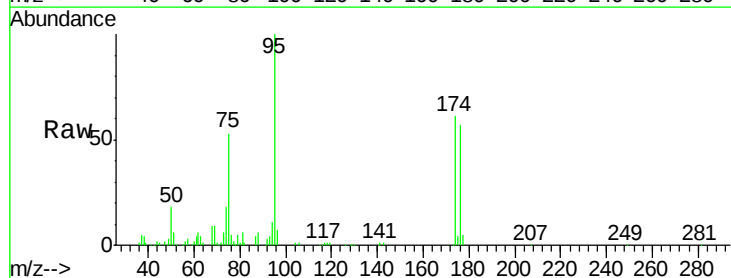
Instrument :
MSVOA_Y
ClientSampled :
CSA-4-4-1

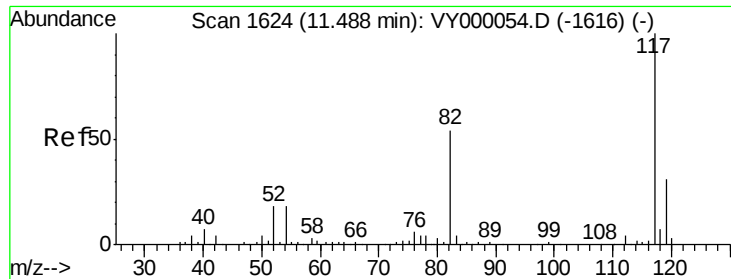
Tot Ion: 98 Resp: 212081
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 34.613 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000089.D
Acq: 19 Sep 2019 19:48

Tgt Ion: 95 Resp: 57419
Ion Ratio Lower Upper
95 100
174 62.3 0.0 137.2
176 60.5 0.0 135.0

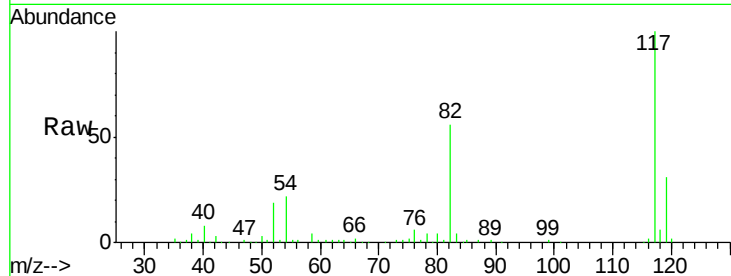




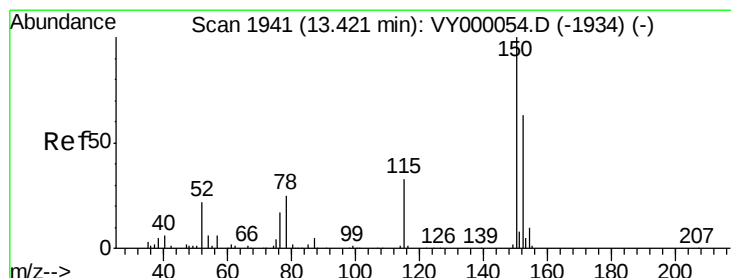
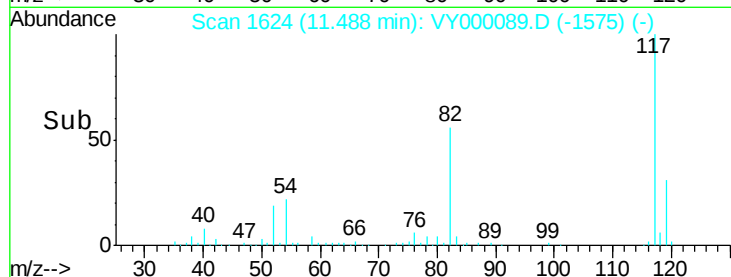
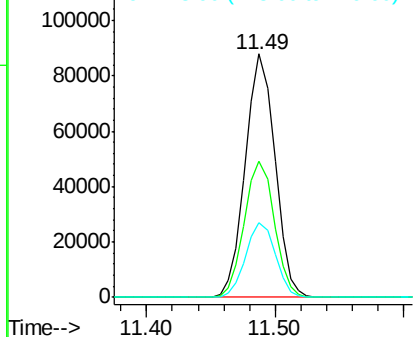
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000089.D
Acq: 19 Sep 2019 19:48

Instrument :
MSVOA_Y
ClientSampleId :
CSA-4-4-1

Tot Ion:117 Resp: 139966
Ion Ratio Lower Upper
117 100
82 55.7 43.5 65.3
119 30.9 24.6 36.8

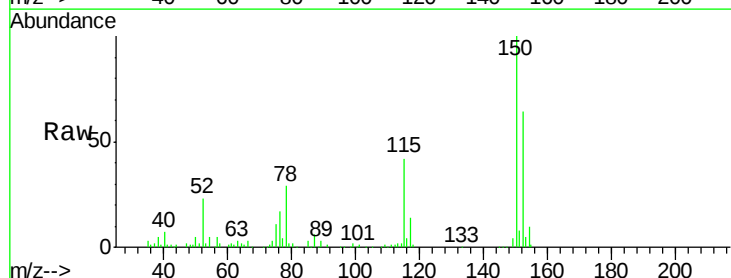


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000089.D
Acq: 19 Sep 2019 19:48

Tgt Ion:152 Resp: 40901
Ion Ratio Lower Upper
152 100
115 65.5 30.7 92.1
150 161.3 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

