

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000082.D
 Acq On : 19 Sep 2019 17:06
 Operator : SY/MD
 Sample : K4878-12
 Misc : 5.89g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-8-3

Quant Time: Sep 20 03:38:24 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

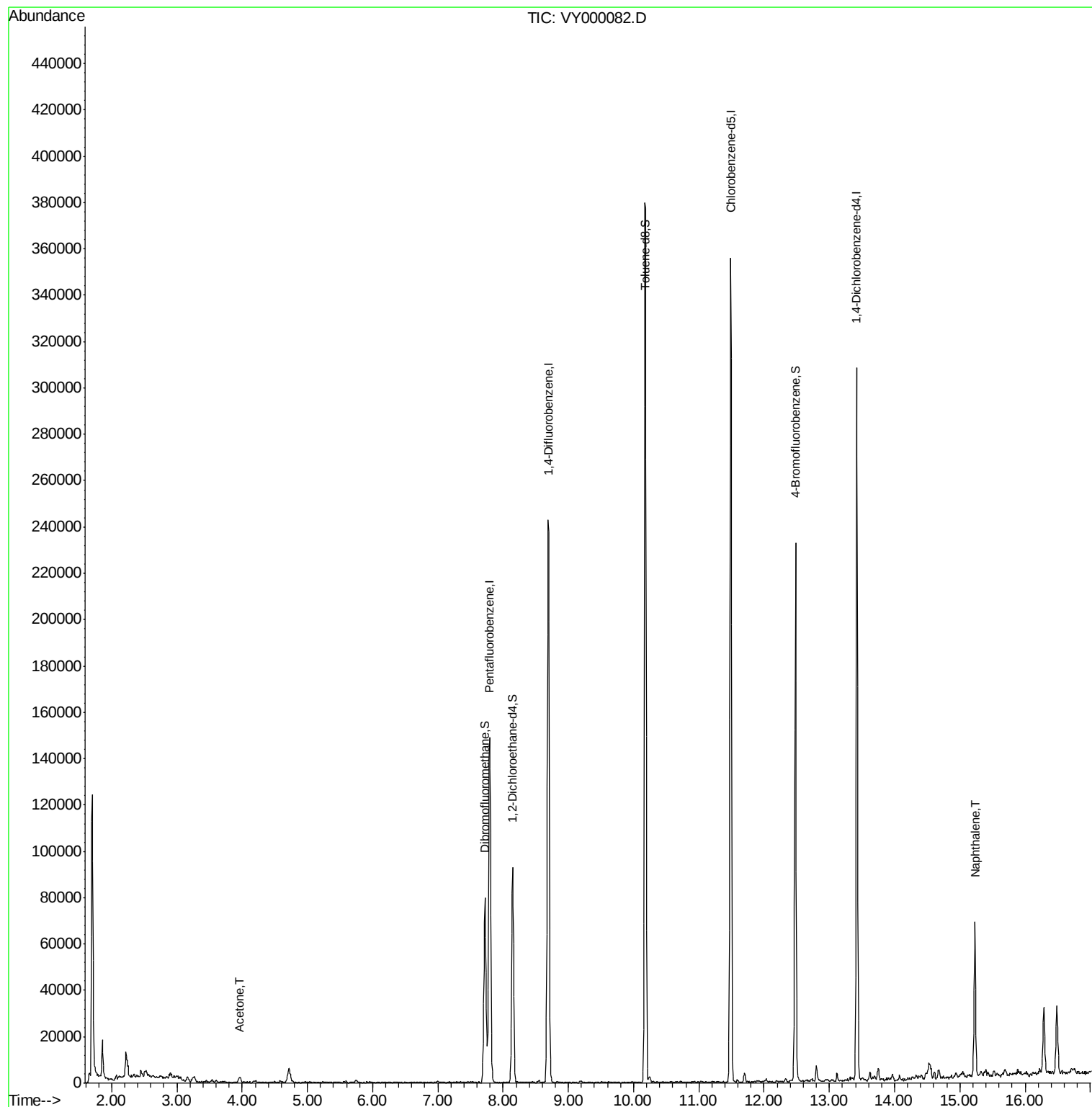
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	109632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	216114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	181383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	69426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	63833	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
35) Dibromofluoromethane	7.73	113	57584	44.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.02%	
50) Toluene-d8	10.18	98	253114	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.48	95	80685	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.56%	
Target Compounds						
16) Acetone	3.96	43	3586	12.211	ug/l	87
95) Naphthalene	15.23	128	50928	13.654	ug/l	99

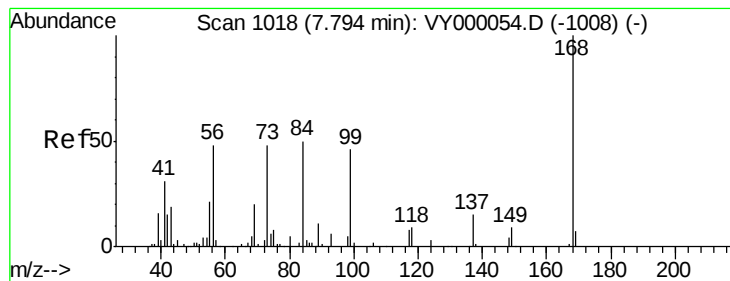
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000082.D

Acq: 19 Sep 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

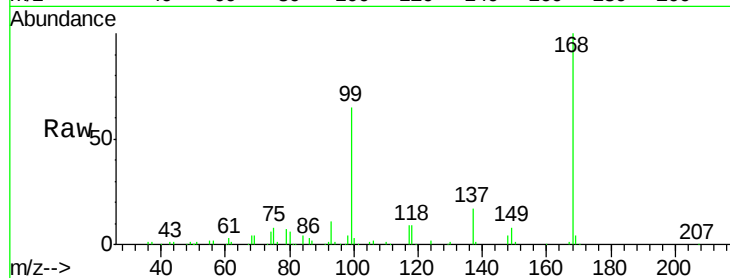
CSA-2-8-3

Tot Ion:168 Resp: 109632

Ion Ratio Lower Upper

168 100

99 64.9 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000082.D (-339) (-)

Ion 98.90 (98.60 to 99.60): VY000082.D (-339) (-)

7.79

50000

40000

30000

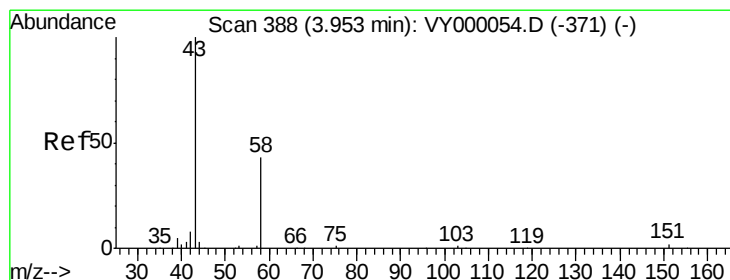
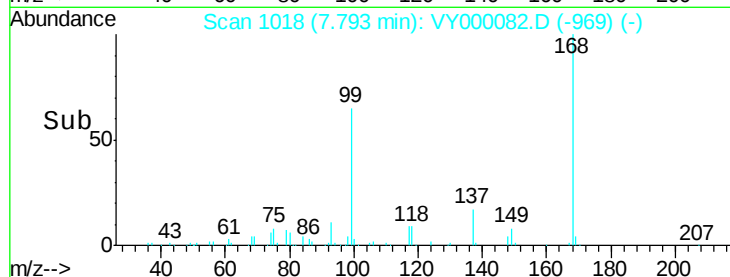
20000

10000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 12.211 ug/l

RT: 3.96 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY000082.D

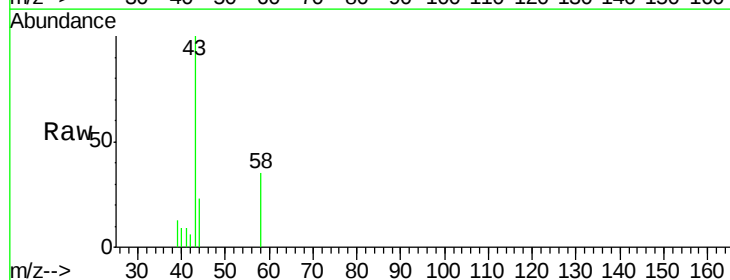
Acq: 19 Sep 2019 17:06

Tgt Ion: 43 Resp: 3586

Ion Ratio Lower Upper

43 100

58 34.6 34.5 51.7



Abundance Ion 43.00 (42.70 to 43.70): VY000082.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VY000082.D (-339) (-)

3.96

1500

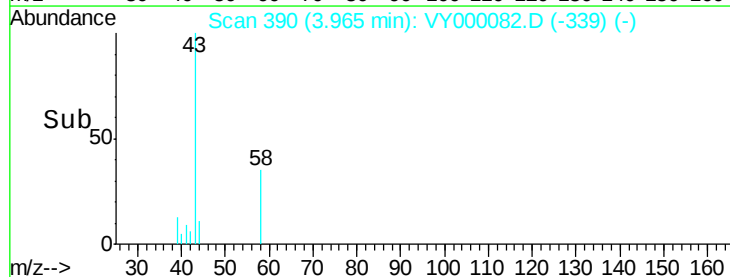
1000

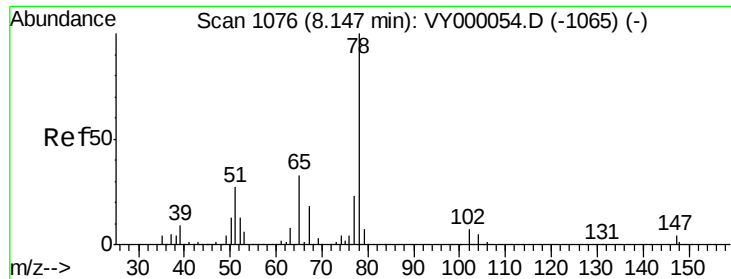
500

0

3.90 3.95 4.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.608 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000082.D

Acq: 19 Sep 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

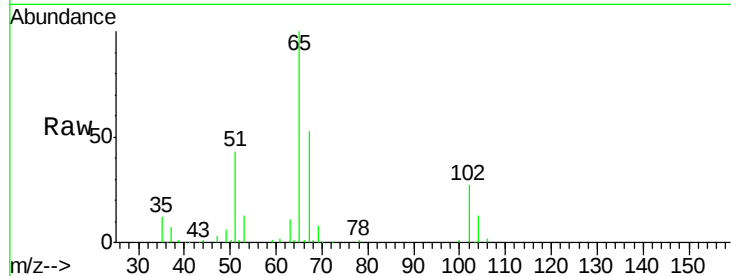
CSA-2-8-3

Tot Ion: 65 Resp: 63833

Ion Ratio Lower Upper

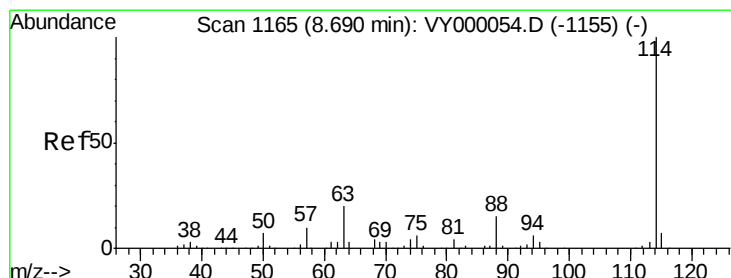
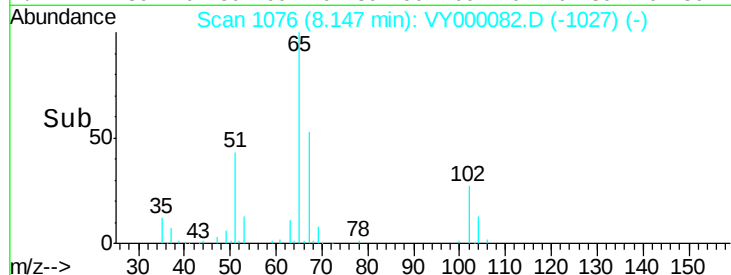
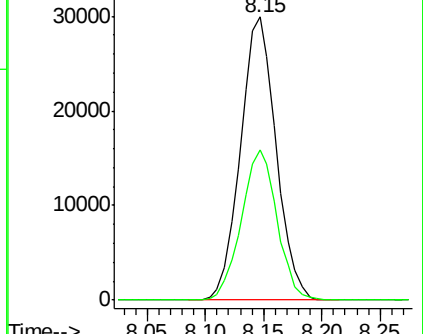
65 100

67 53.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1166

Delta R.T. 0.01 min

Lab File: VY000082.D

Acq: 19 Sep 2019 17:06

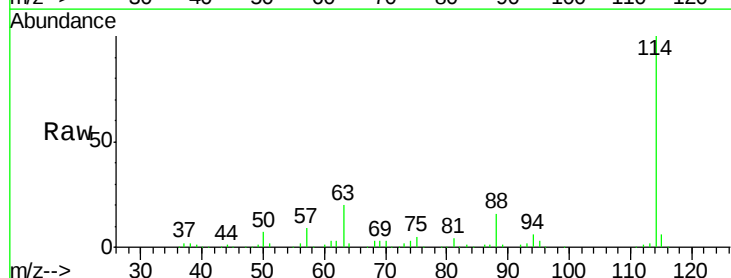
Tgt Ion: 114 Resp: 216114

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.4

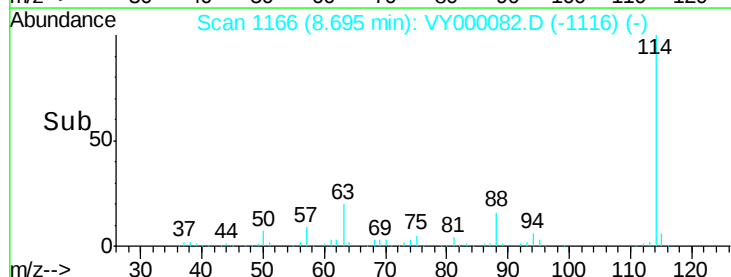
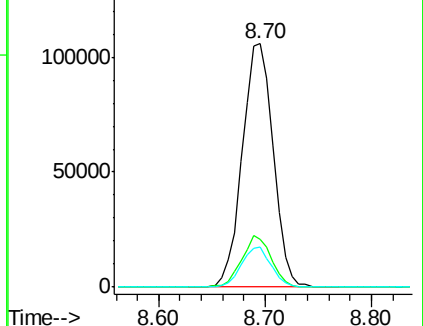
88 16.4 0.0 30.2

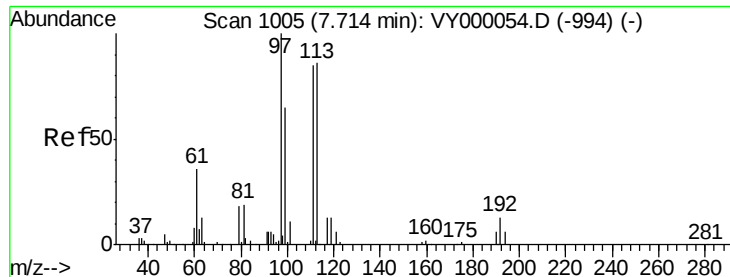


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

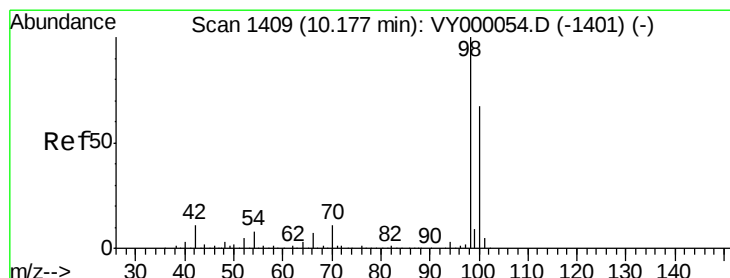
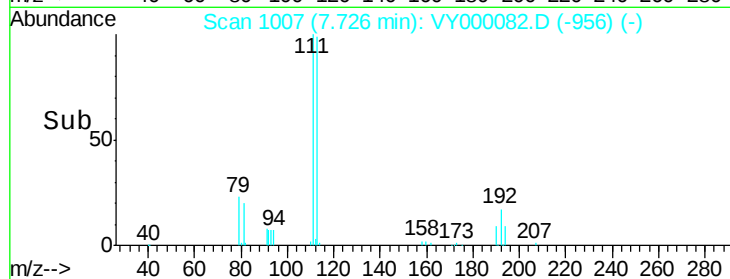
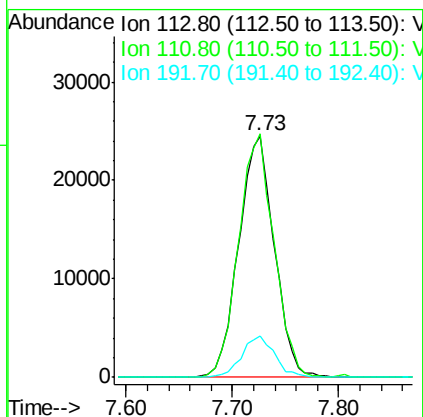
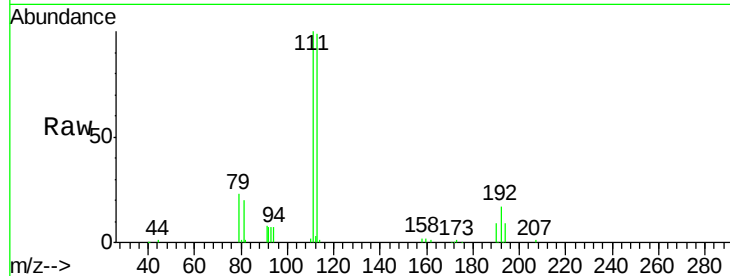




#35
Dibromofluoromethane
Concen: 44.007 ug/l
RT: 7.73 min Scan# 1007
Delta R.T. 0.01 min
Lab File: VY000082.D
Acq: 19 Sep 2019 17:06

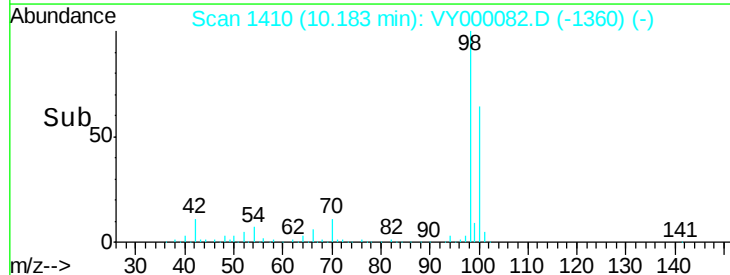
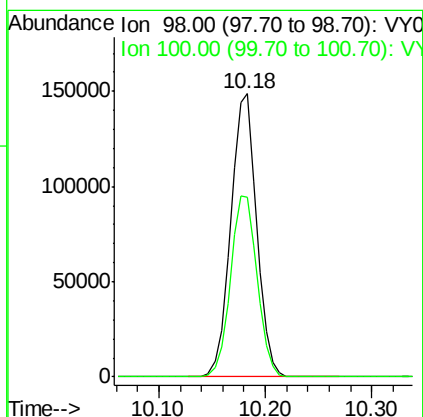
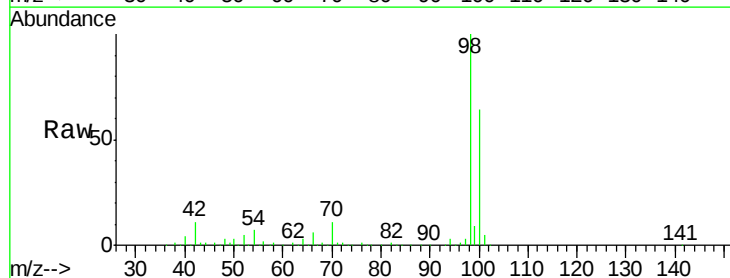
Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-8-3

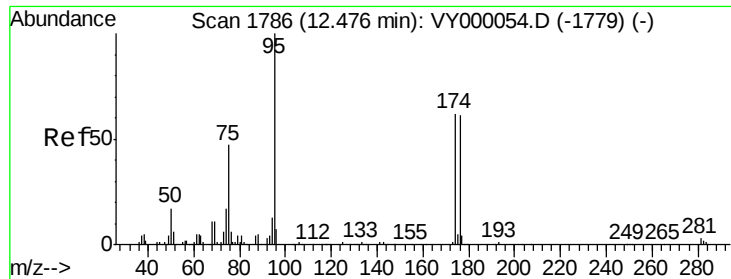
Tot Ion:113 Resp: 57584
Ion Ratio Lower Upper
113 100
111 100.5 81.7 122.5
192 16.0 13.4 20.2



#50
Toluene-d8
Concen: 49.249 ug/l
RT: 10.18 min Scan# 1410
Delta R.T. 0.01 min
Lab File: VY000082.D
Acq: 19 Sep 2019 17:06

Tgt Ion: 98 Resp: 253114
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 42.285 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.01 min

Lab File: VY000082.D

Acq: 19 Sep 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-8-3

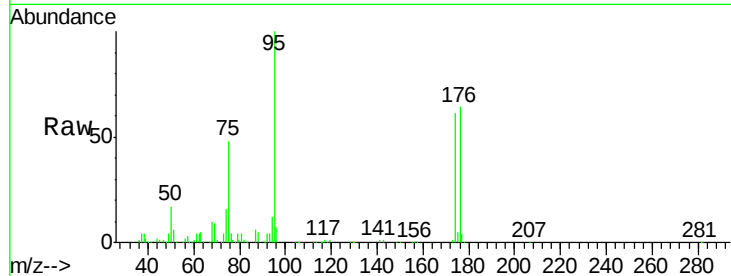
Tot Ion: 95 Resp: 80685

Ion Ratio Lower Upper

95 100

174 63.9 0.0 137.2

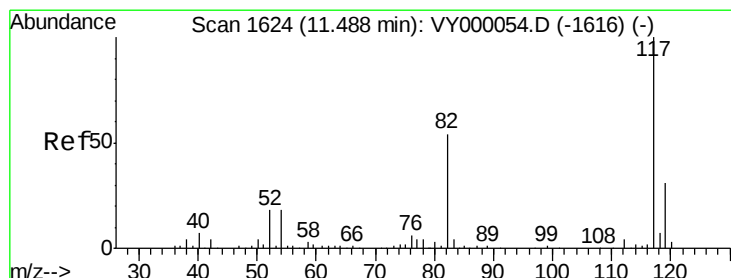
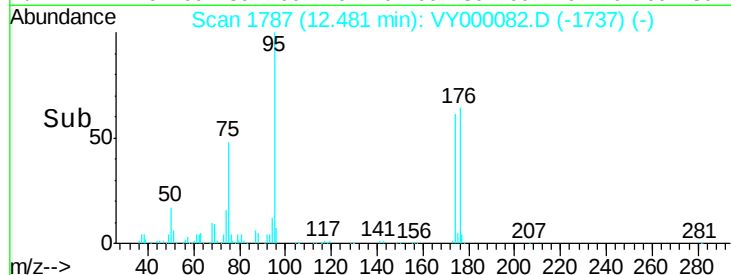
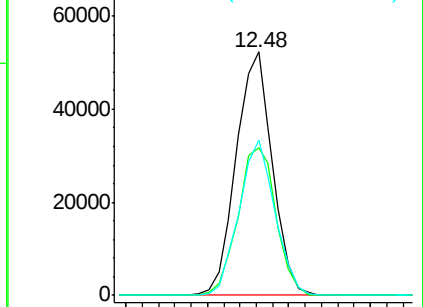
176 63.3 0.0 135.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1624

Delta R.T. -0.00 min

Lab File: VY000082.D

Acq: 19 Sep 2019 17:06

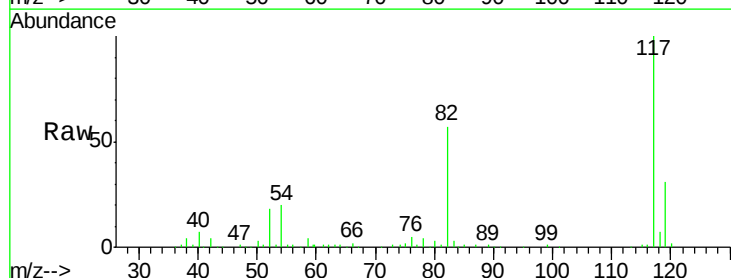
Tgt Ion: 117 Resp: 181383

Ion Ratio Lower Upper

117 100

82 56.6 43.5 65.3

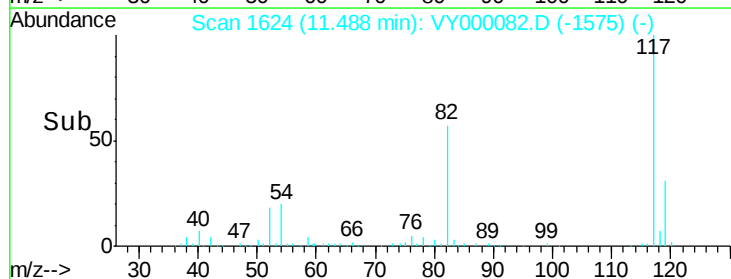
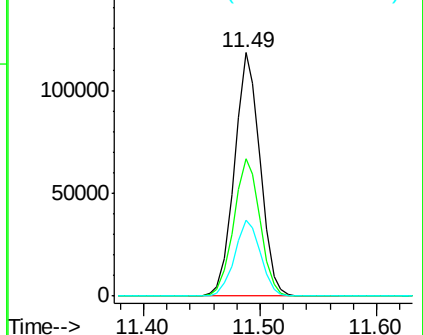
119 31.2 24.6 36.8

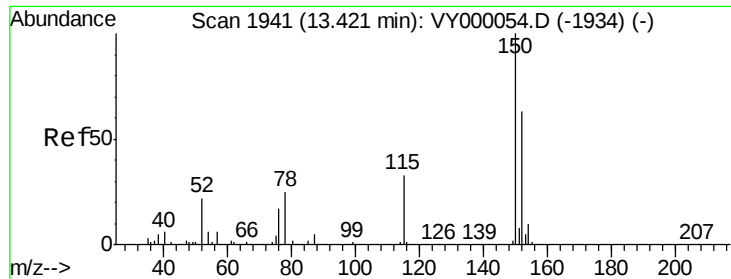


Abundance Ion 116.90 (116.60 to 117.60): VY000054.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VY000054.D (-1616) (-)

Ion 118.90 (118.60 to 119.60): VY000054.D (-1616) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VY000082.D

Acq: 19 Sep 2019 17:06

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-8-3

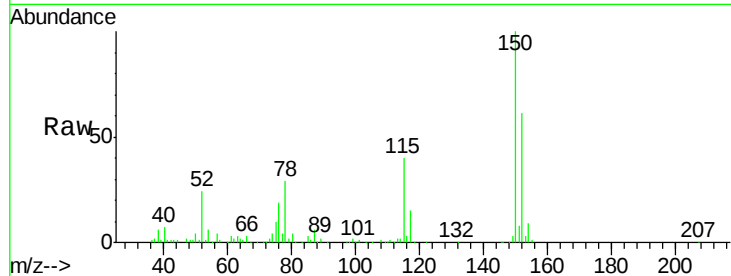
Tot Ion:152 Resp: 69426

Ion Ratio Lower Upper

152 100

115 63.5 30.7 92.1

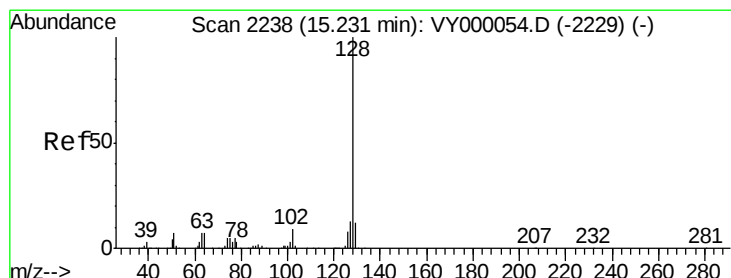
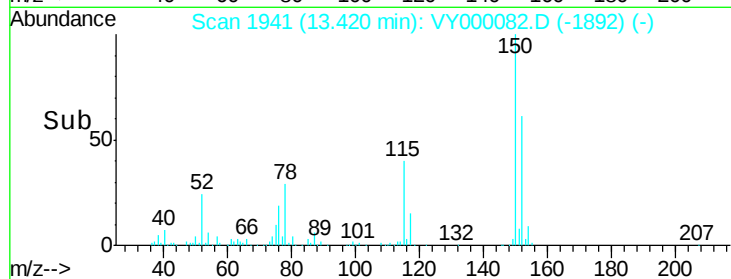
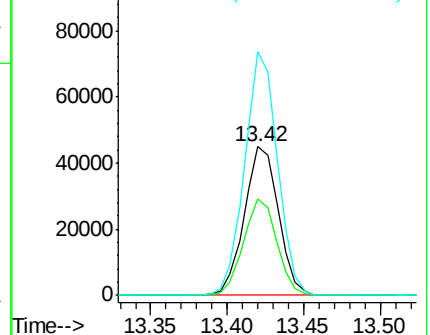
150 157.7 0.0 351.6



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



#95

Naphthalene

Concen: 13.654 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VY000082.D

Acq: 19 Sep 2019 17:06

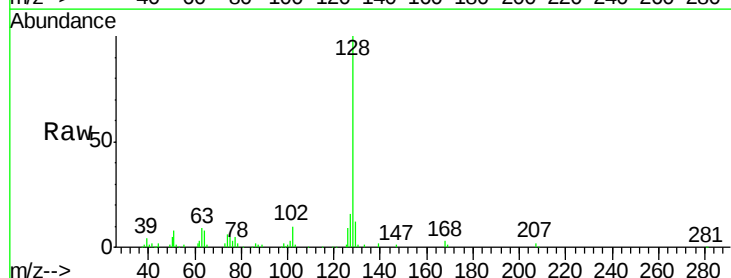
Tgt Ion:128 Resp: 50928

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 9.2 13.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

