

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000113.D
 Acq On : 20 Sep 2019 17:14
 Operator : SY/MD
 Sample : K4877-03RE
 Misc : 5.59g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-2-1RE

Quant Time: Sep 21 00:35:22 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	52622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	104684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	76849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	20101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	30086	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	7.73	113	30045	47.40	ug/l	0.01
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	10.18	98	124341	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.48	95	29870	32.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.64%	

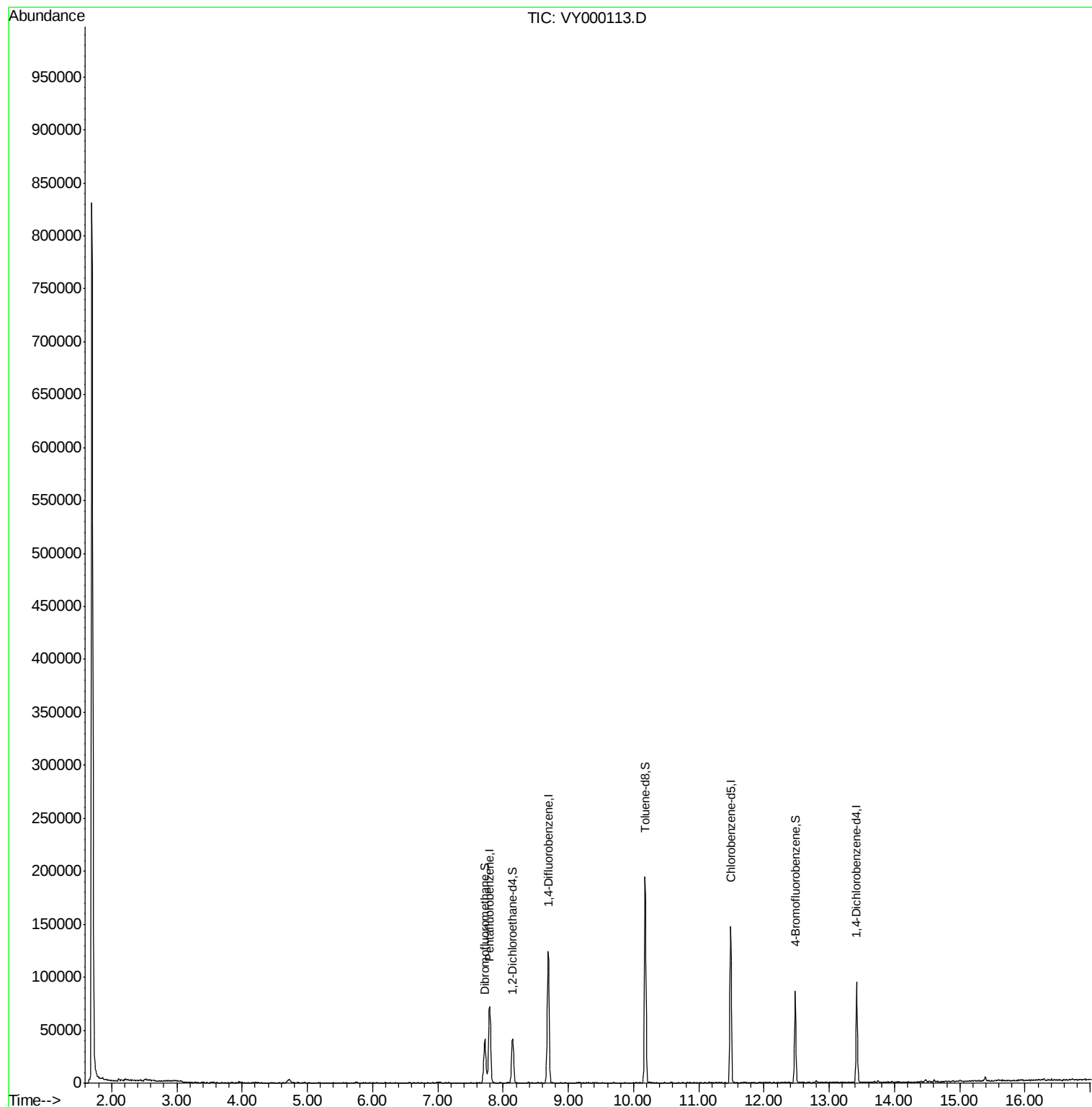
Target Compounds	Qvalue

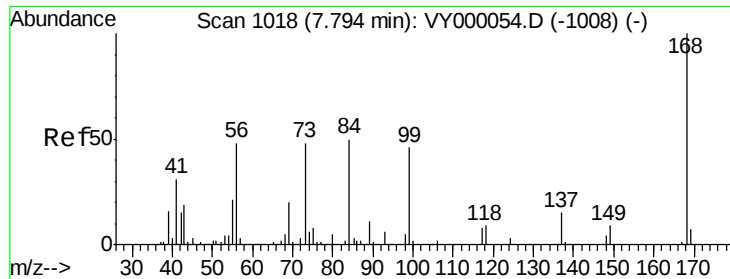
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
Data File : VY000113.D
Acq On : 20 Sep 2019 17:14
Operator : SY/MD
Sample : K4877-03RE
Misc : 5.59g/5.00ml/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-2-1RE

Quant Time: Sep 21 00:35:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY000113.D

Acq: 20 Sep 2019 17:14

Instrument :

MSVOA_Y

ClientSampleId :

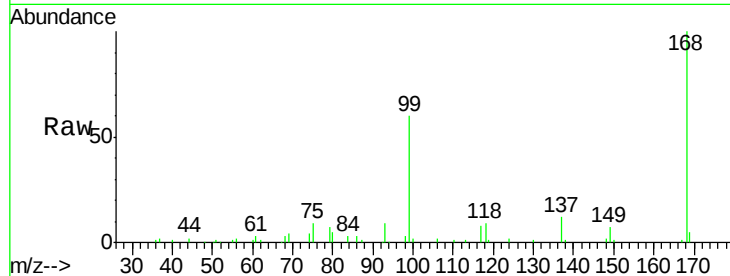
CSA-2-2-1RE

Tot Ion:168 Resp: 52622

Ion Ratio Lower Upper

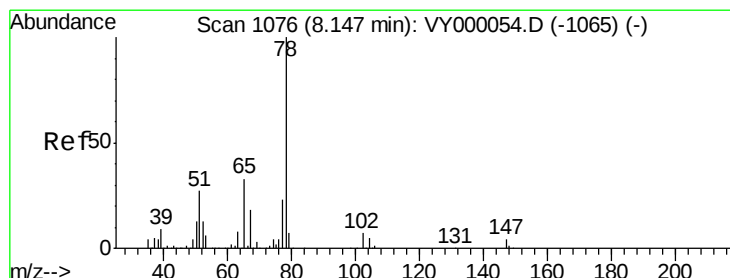
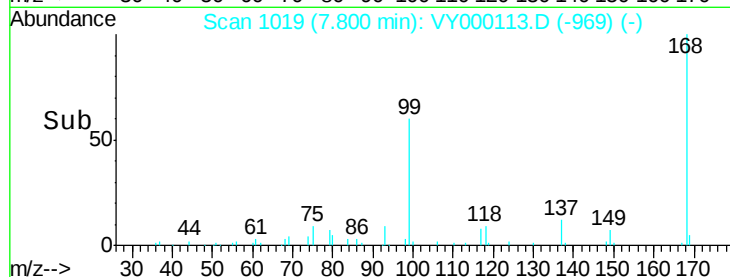
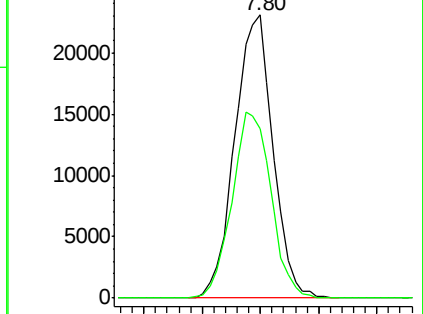
168 100

99 59.8 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: 49.694 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY000113.D

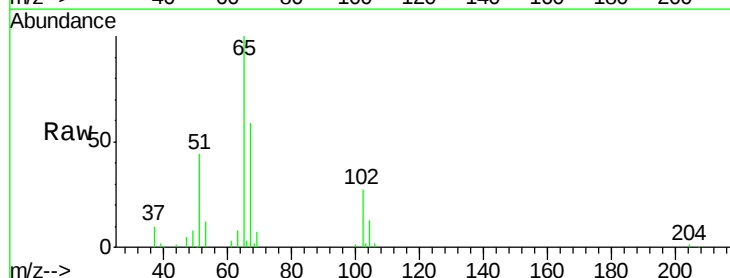
Acq: 20 Sep 2019 17:14

Tgt Ion: 65 Resp: 30086

Ion Ratio Lower Upper

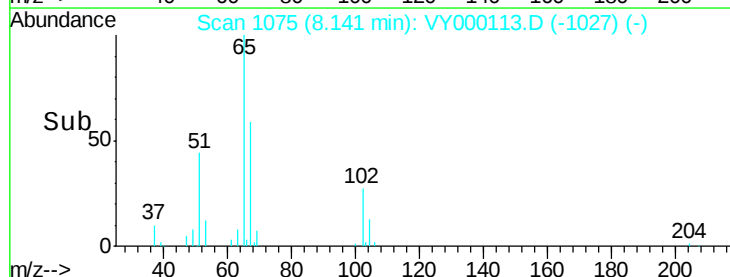
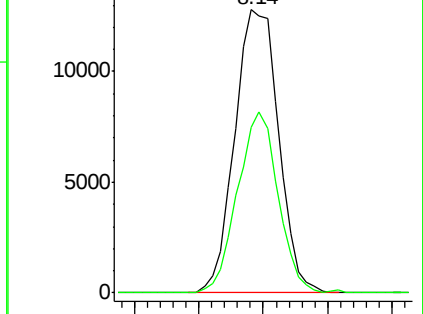
65 100

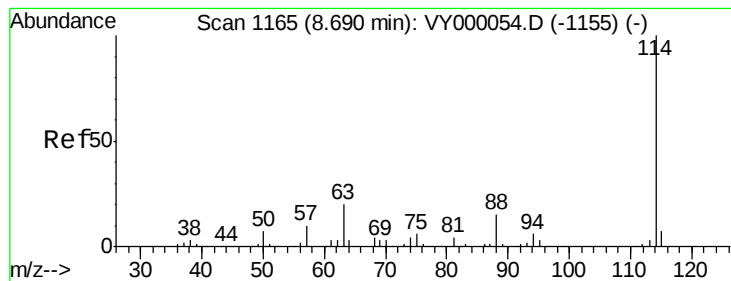
67 59.0 0.0 111.0



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: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000113.D

Acq: 20 Sep 2019 17:14

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-2-1RE

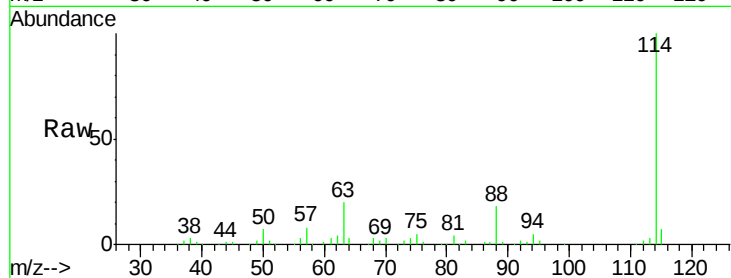
Tot Ion:114 Resp: 104684

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.4

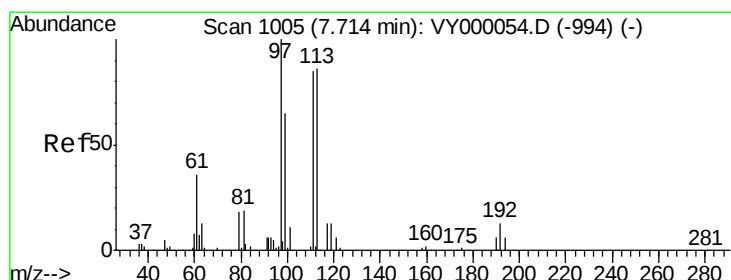
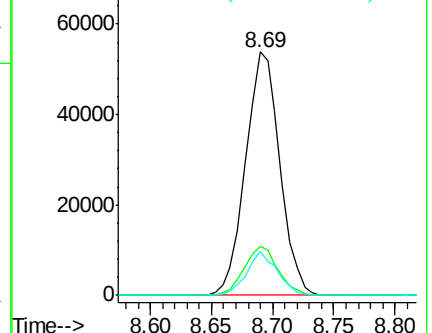
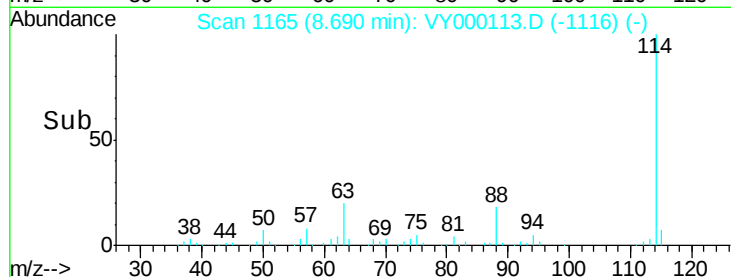
88 18.0 0.0 30.2



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: 47.402 ug/l

RT: 7.73 min Scan# 1007

Delta R.T. 0.01 min

Lab File: VY000113.D

Acq: 20 Sep 2019 17:14

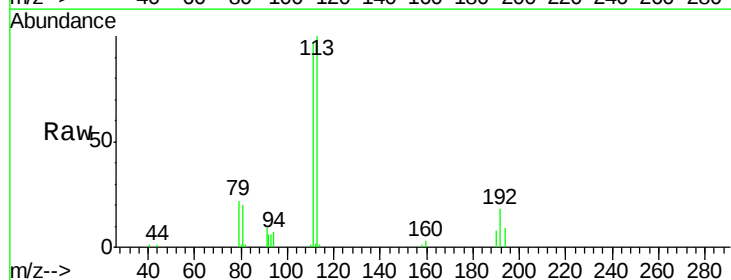
Tgt Ion:113 Resp: 30045

Ion Ratio Lower Upper

113 100

111 103.1 81.7 122.5

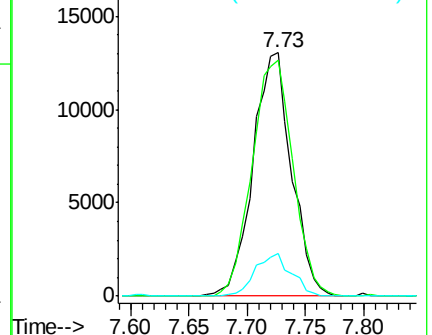
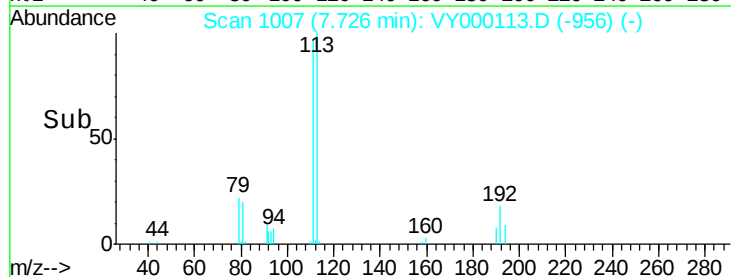
192 16.3 13.4 20.2

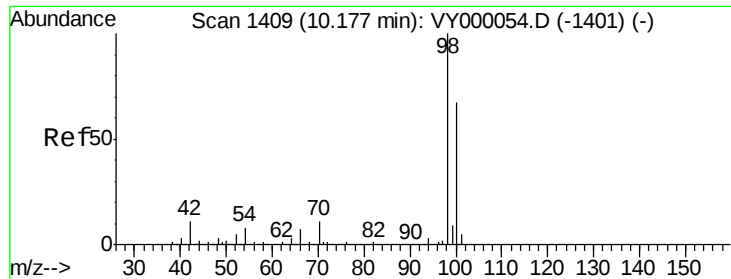


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.946 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000113.D

Acq: 20 Sep 2019 17:14

Instrument :

MSVOA_Y

ClientSampleId :

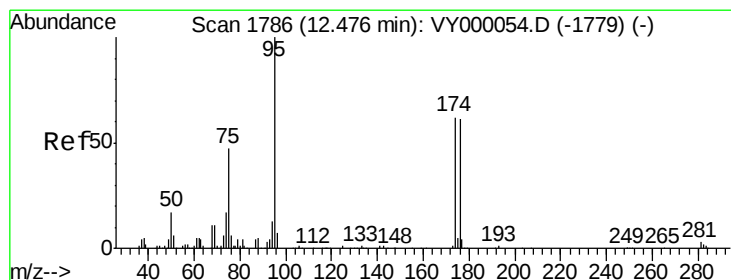
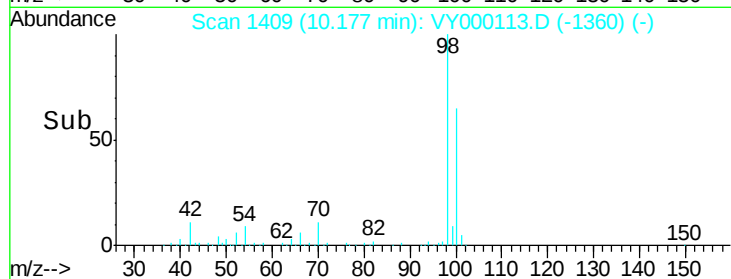
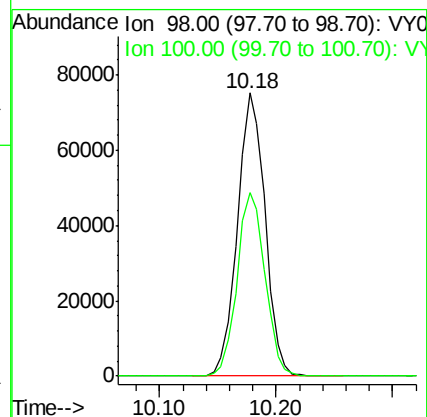
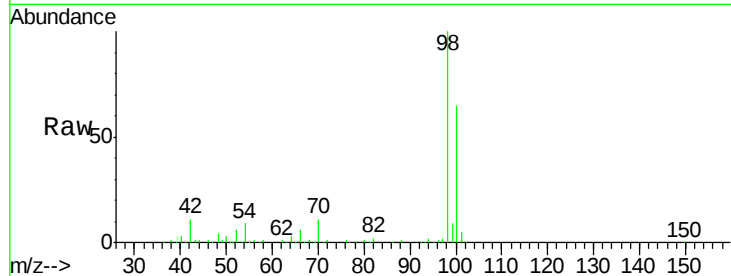
CSA-2-2-1RE

Tot Ion: 98 Resp: 124341

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 32.317 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000113.D

Acq: 20 Sep 2019 17:14

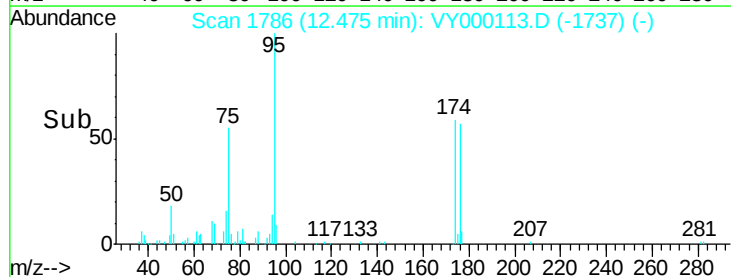
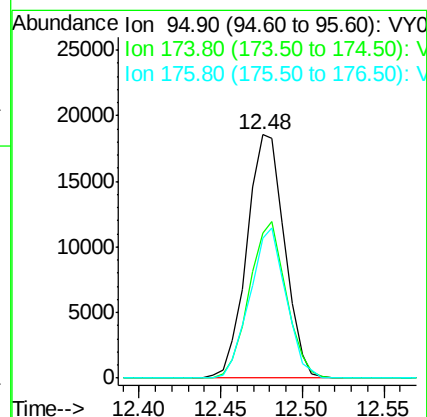
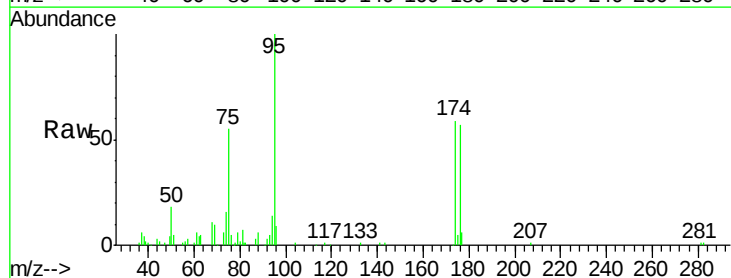
Tgt Ion: 95 Resp: 29870

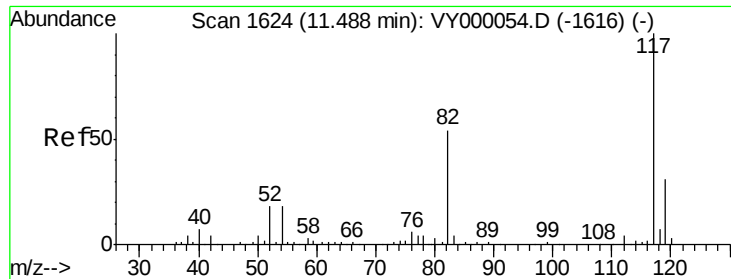
Ion Ratio Lower Upper

95 100

174 62.8 0.0 137.2

176 59.1 0.0 135.0

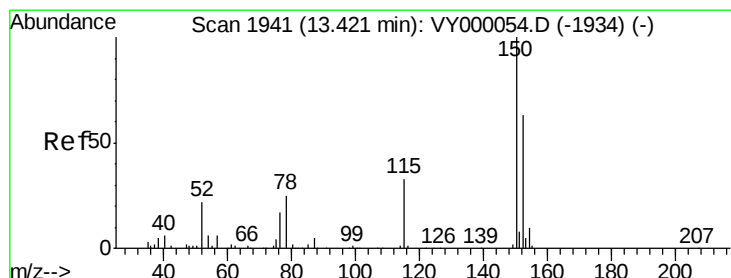
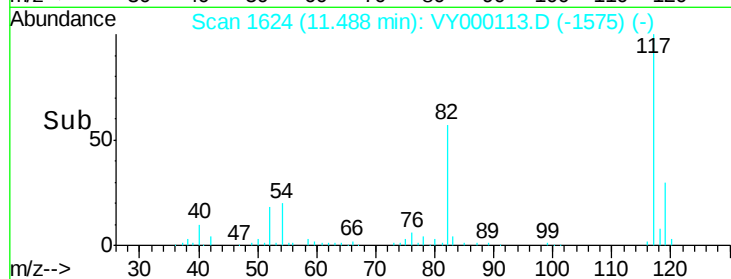
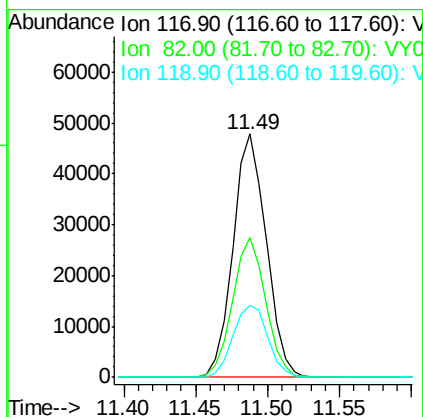
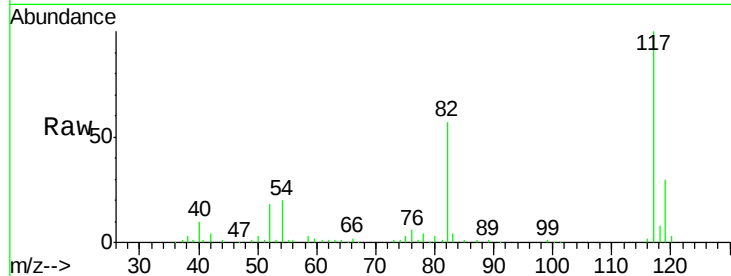




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000113.D
Acq: 20 Sep 2019 17:14

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-2-1RE

Tot Ion:117 Resp: 76849
Ion Ratio Lower Upper
117 100
82 57.4 43.5 65.3
119 29.5 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: VY000113.D
Acq: 20 Sep 2019 17:14

Tgt Ion:152 Resp: 20101
Ion Ratio Lower Upper
152 100
115 67.8 30.7 92.1
150 158.9 0.0 351.6

