

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000078.D
 Acq On : 19 Sep 2019 15:33
 Operator : SY/MD
 Sample : K4878-07
 Misc : 5.27g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-7-2

Quant Time: Sep 20 02:30:24 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	7.80	168	102922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	208425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	154589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	44206	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	62204	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
35) Dibromofluoromethane	7.72	113	58743	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
50) Toluene-d8	10.18	98	231870	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.48	95	60684	32.98	ug/l	0.00
Spiked Amount			Recovery	=	65.96%	

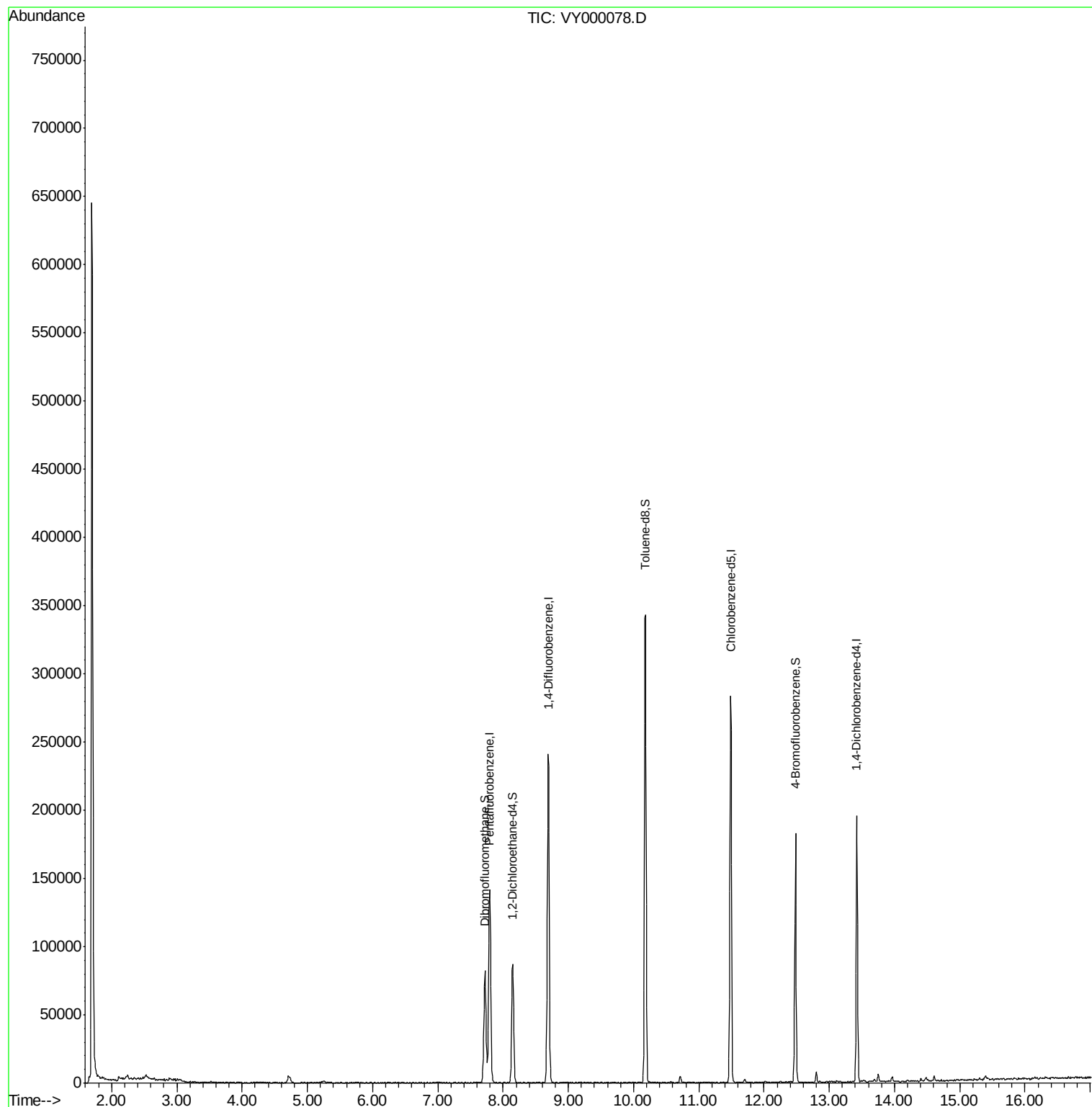
Target Compounds	Qvalue
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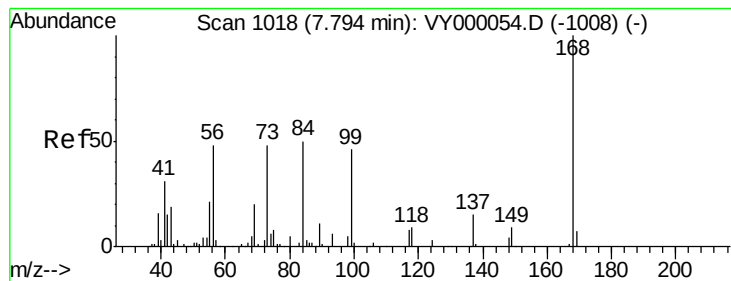
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY000078.D

Acq: 19 Sep 2019 15:33

Instrument :

MSVOA_Y

ClientSampled :

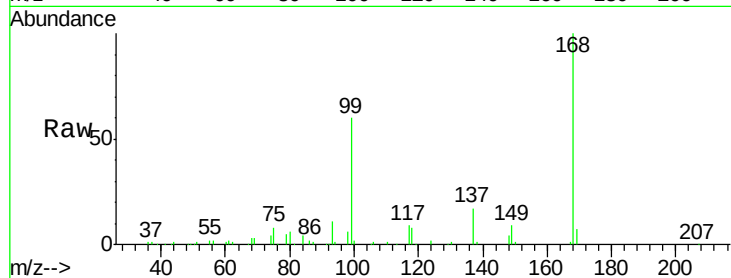
CSA-2-7-2

Tot Ion:168 Resp: 102922

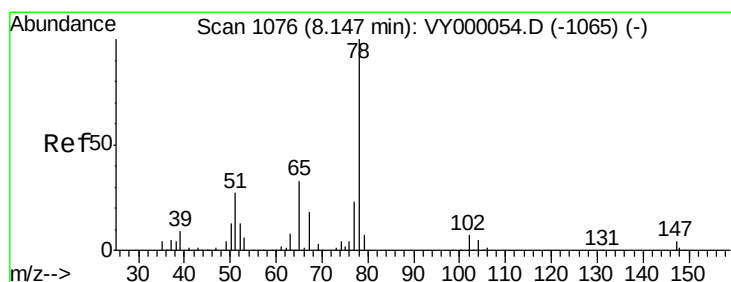
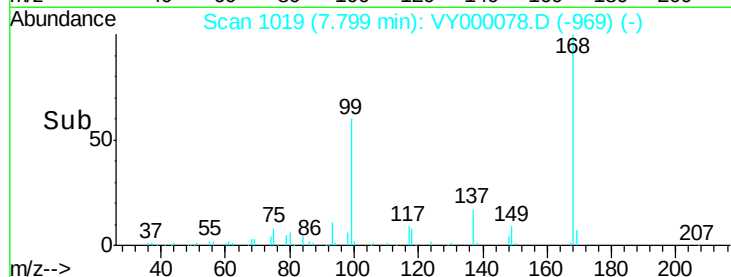
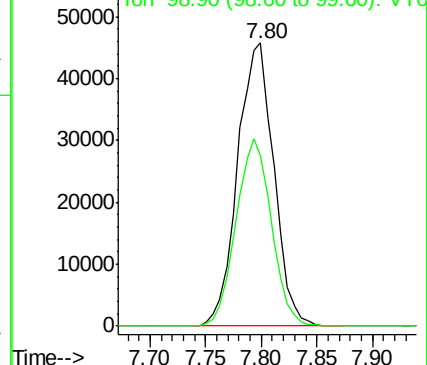
Ion Ratio Lower Upper

168 100

99 60.2 44.2 66.2



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



#33

1,2-Dichloroethane-d4

Concen: 52.531 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000078.D

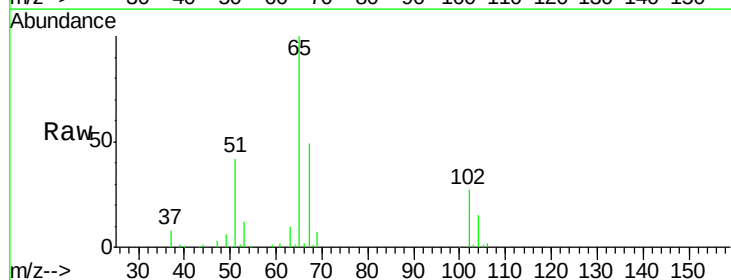
Acq: 19 Sep 2019 15:33

Tgt Ion: 65 Resp: 62204

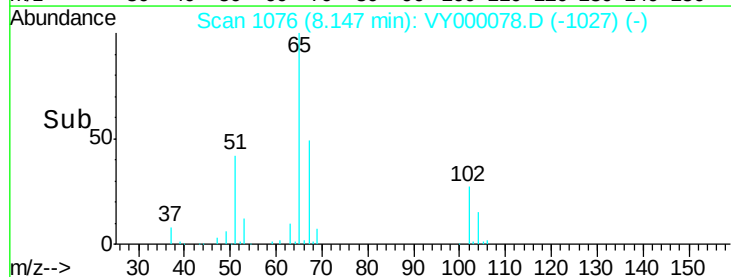
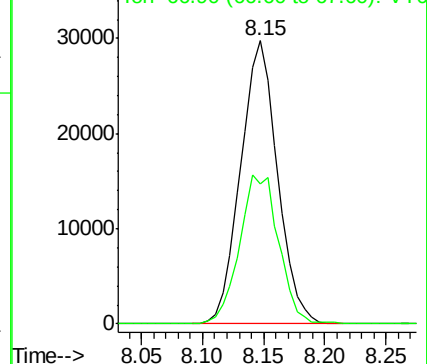
Ion Ratio Lower Upper

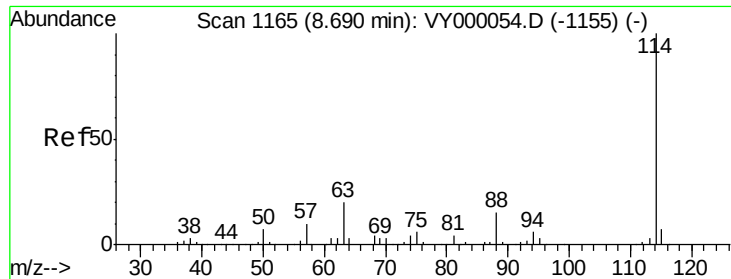
65 100

67 55.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): 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: VY000078.D

Acq: 19 Sep 2019 15:33

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-7-2

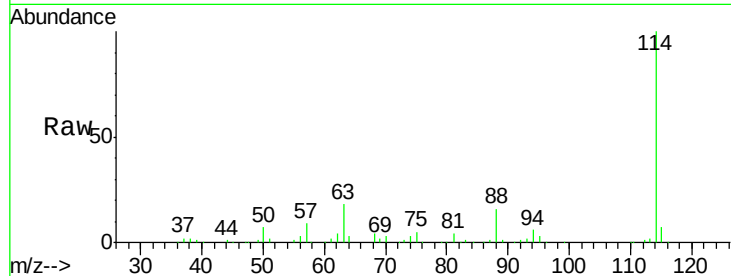
Tot Ion:114 Resp: 208425

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.4

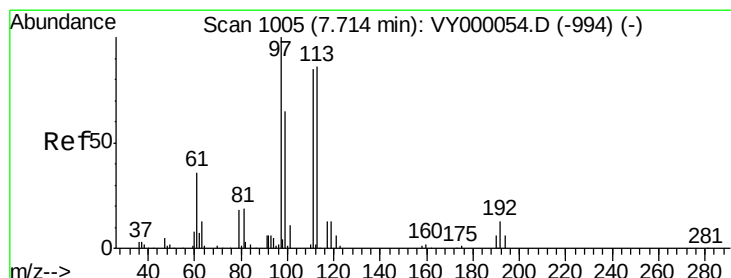
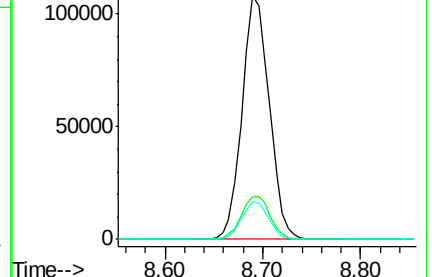
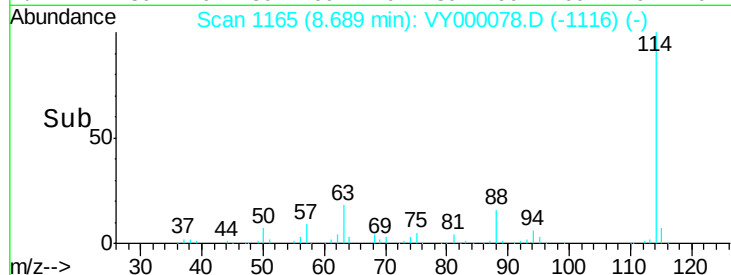
88 15.6 0.0 30.2



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: 46.549 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000078.D

Acq: 19 Sep 2019 15:33

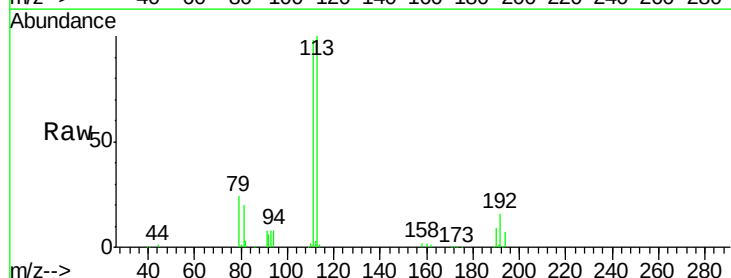
Tgt Ion:113 Resp: 58743

Ion Ratio Lower Upper

113 100

111 106.0 81.7 122.5

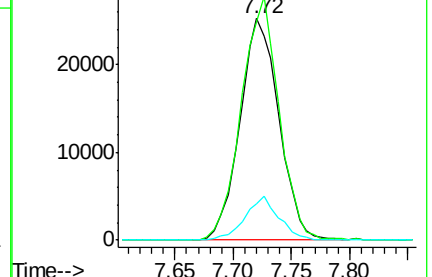
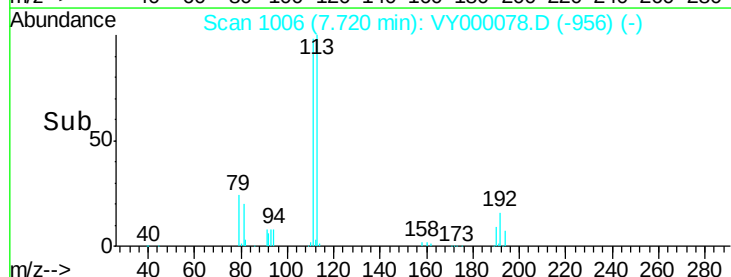
192 17.3 13.4 20.2

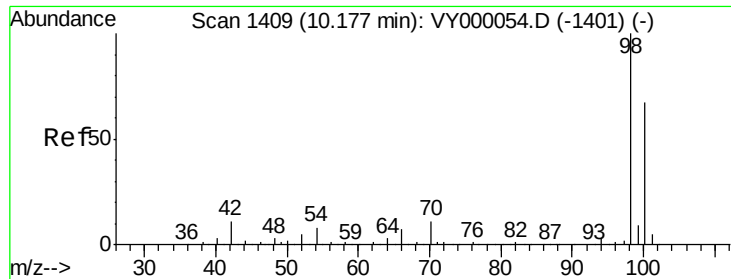


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.780 ug/l

RT: 10.18 min Scan# 1410

Delta R.T. 0.01 min

Lab File: VY000078.D

Acq: 19 Sep 2019 15:33

Instrument :

MSVOA_Y

ClientSampled :

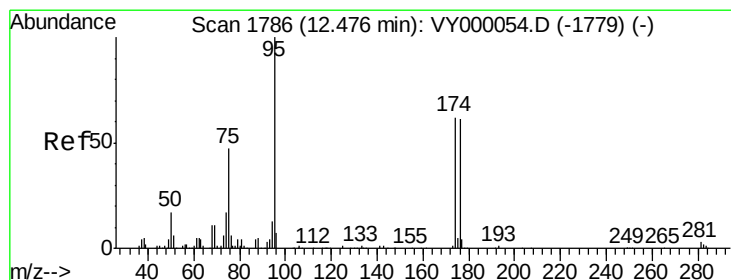
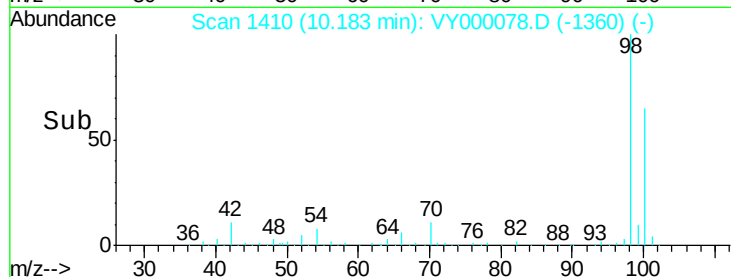
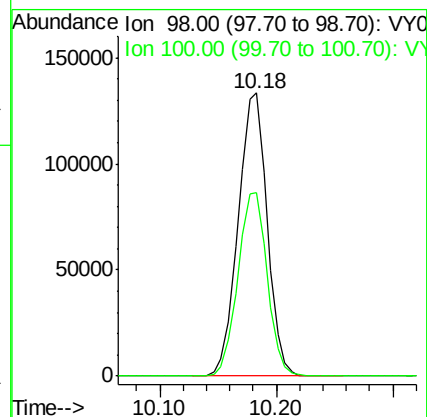
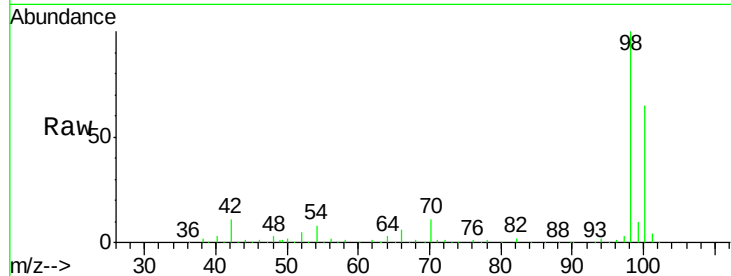
CSA-2-7-2

Tot Ion: 98 Resp: 231870

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 32.976 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.01 min

Lab File: VY000078.D

Acq: 19 Sep 2019 15:33

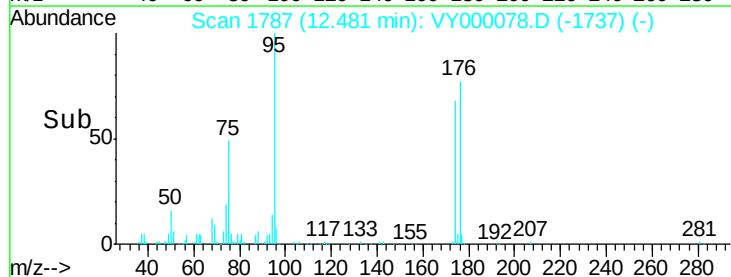
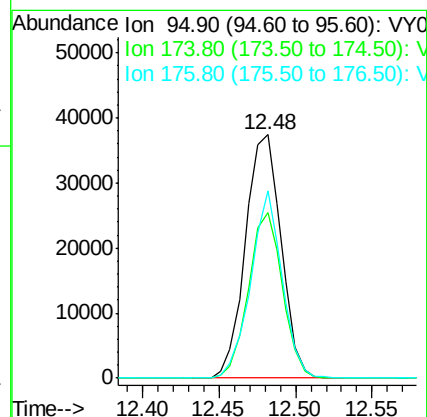
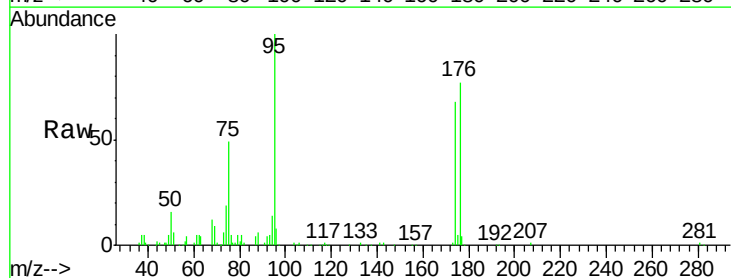
Tgt Ion: 95 Resp: 60684

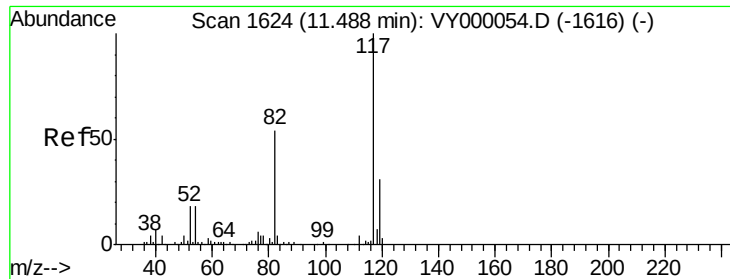
Ion Ratio Lower Upper

95 100

174 64.8 0.0 137.2

176 67.4 0.0 135.0

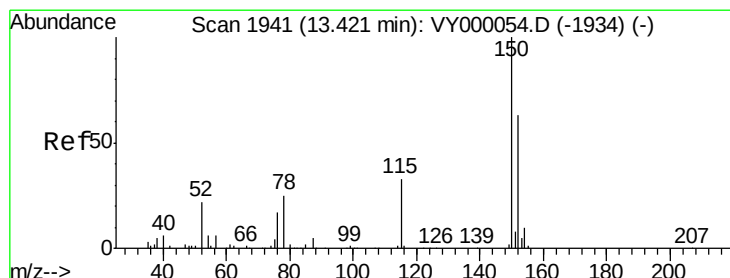
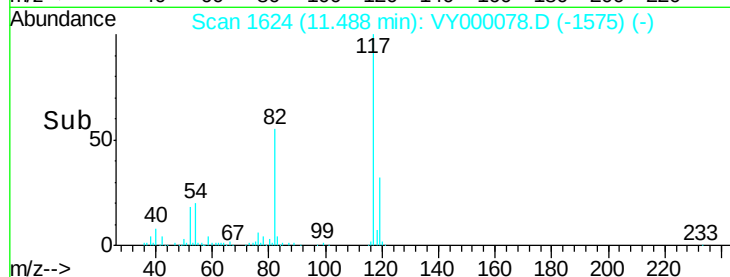
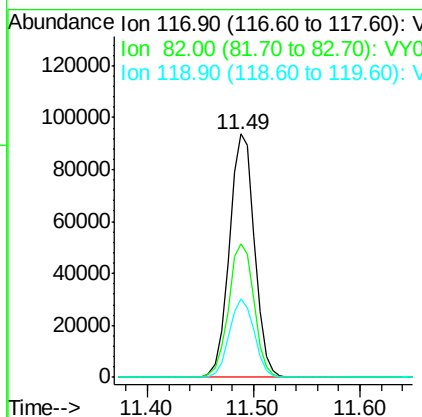
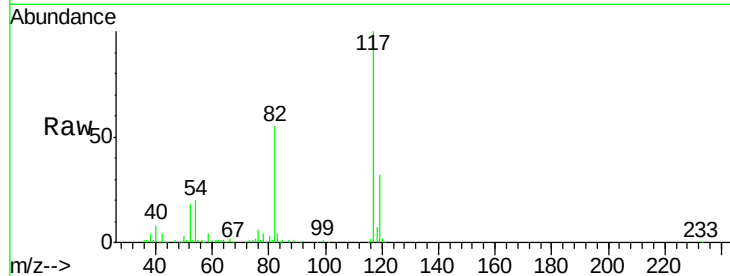




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000078.D
Acq: 19 Sep 2019 15:33

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-7-2

Tot Ion:117 Resp: 154589
Ion Ratio Lower Upper
117 100
82 55.1 43.5 65.3
119 32.4 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: VY000078.D
Acq: 19 Sep 2019 15:33

Tgt Ion:152 Resp: 44206
Ion Ratio Lower Upper
152 100
115 62.3 30.7 92.1
150 162.4 0.0 351.6

