

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000077.D
 Acq On : 19 Sep 2019 15:11
 Operator : SY/MD
 Sample : K4878-05
 Misc : 6.55g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-6-4

Quant Time: Sep 20 02:28:47 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	113179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	218464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	173456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	54536	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	63858	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	7.73	113	62959	47.60	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.18	98	256516	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.48	95	71118	36.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.74%	

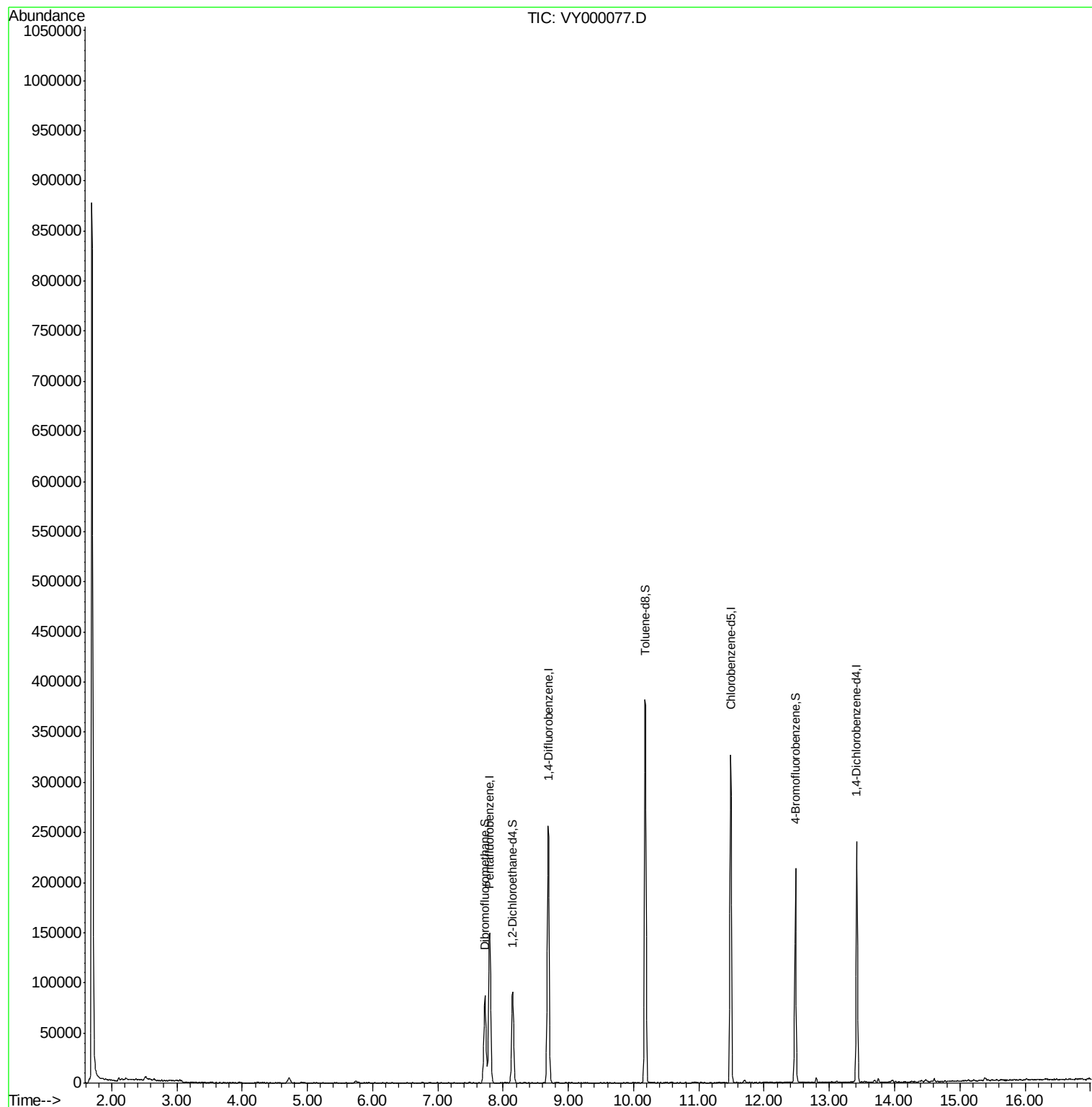
Target Compounds	Qvalue
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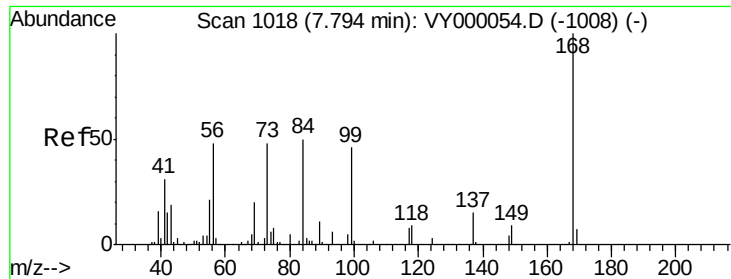
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000077.D

Acq: 19 Sep 2019 15:11

Instrument :

MSVOA_Y

ClientSampled :

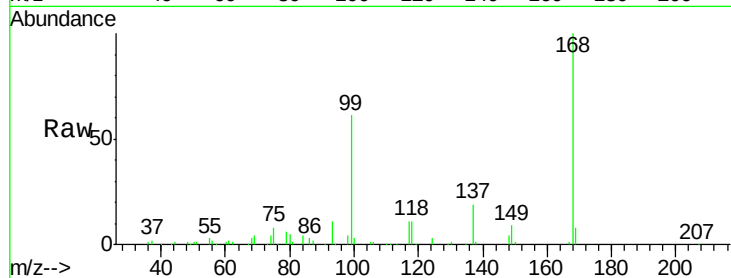
CSA-2-6-4

Tot Ion:168 Resp: 113179

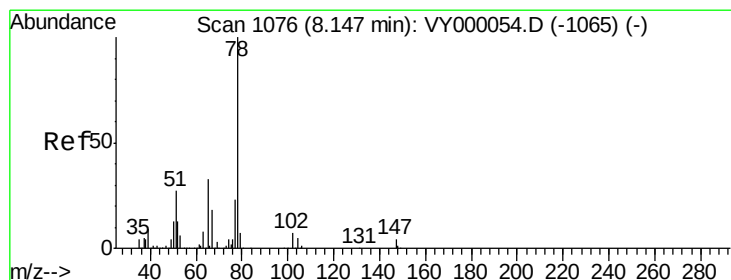
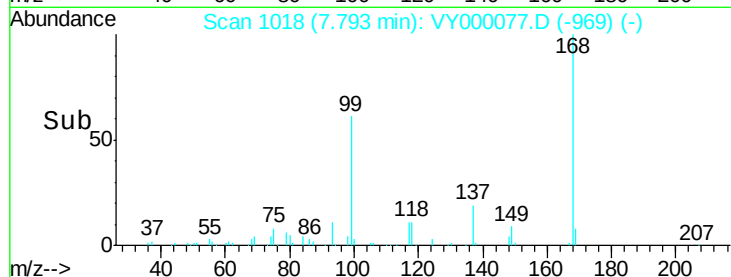
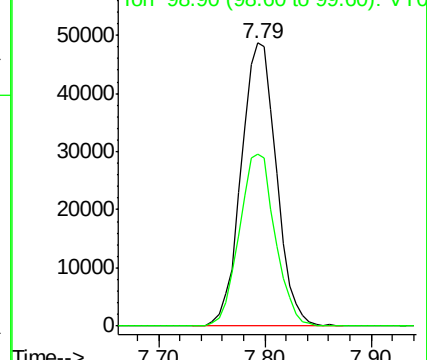
Ion Ratio Lower Upper

168 100

99 60.6 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000077.D (-1008) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.041 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000077.D

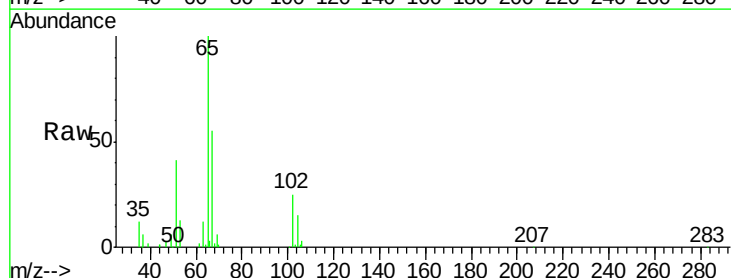
Acq: 19 Sep 2019 15:11

Tgt Ion: 65 Resp: 63858

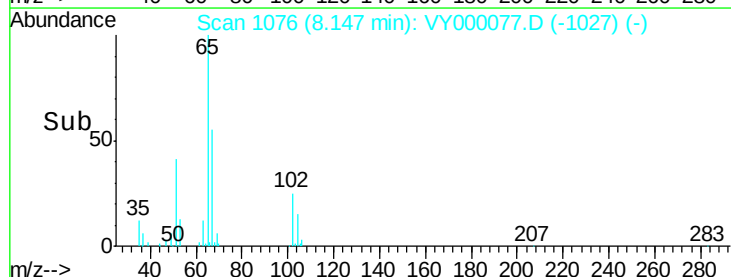
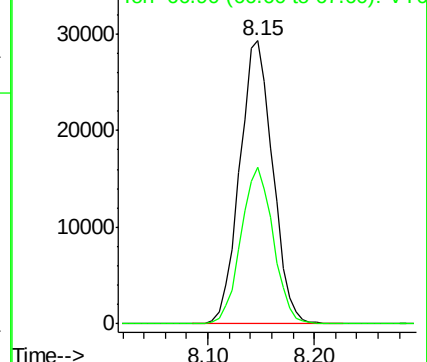
Ion Ratio Lower Upper

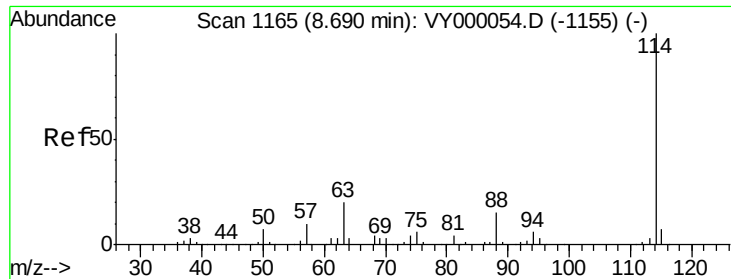
65 100

67 54.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000077.D (-1076) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000077.D

Acq: 19 Sep 2019 15:11

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-6-4

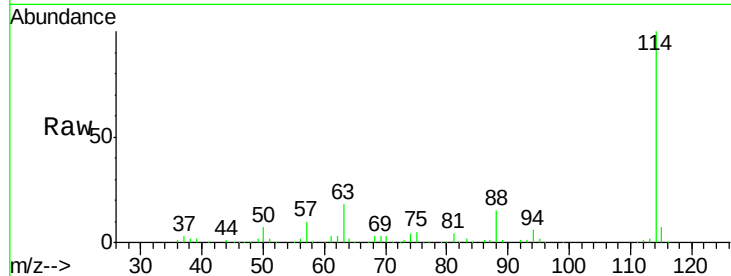
Tot Ion:114 Resp: 218464

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.4

88 15.1 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

8.69

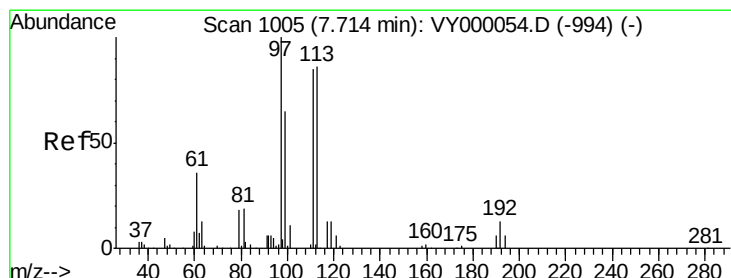
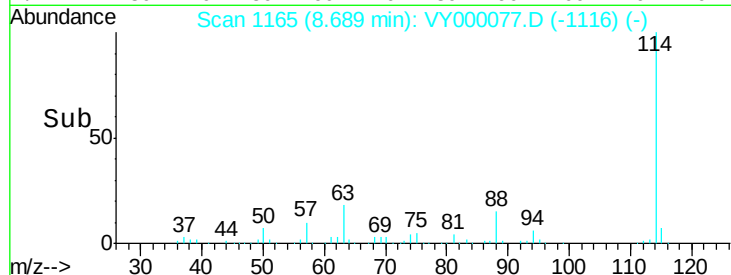
150000

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 47.597 ug/l

RT: 7.73 min Scan# 1007

Delta R.T. 0.01 min

Lab File: VY000077.D

Acq: 19 Sep 2019 15:11

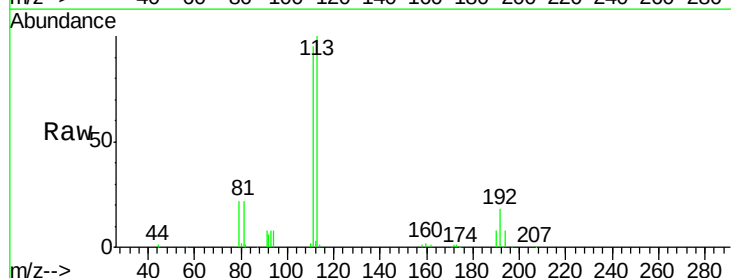
Tgt Ion:113 Resp: 62959

Ion Ratio Lower Upper

113 100

111 104.0 81.7 122.5

192 15.9 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

7.73

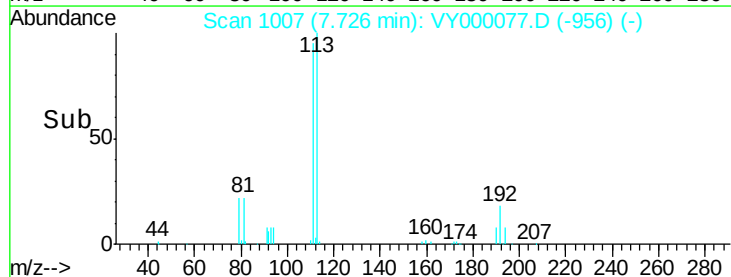
30000

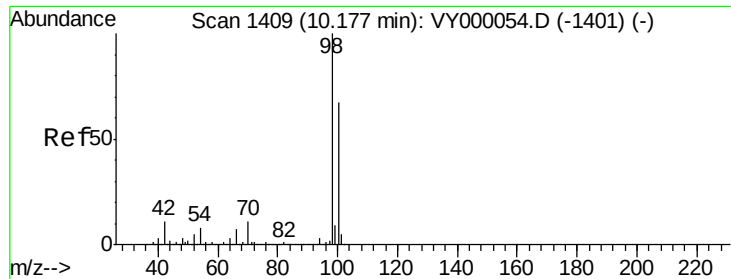
20000

10000

0

Time-->

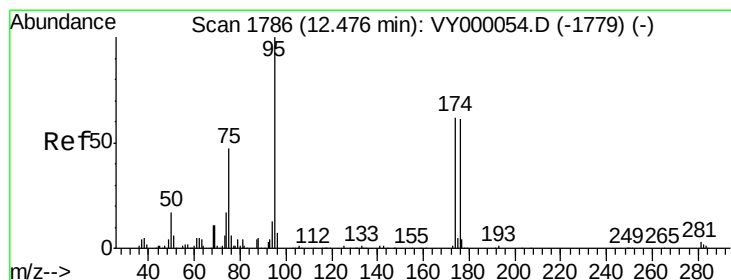
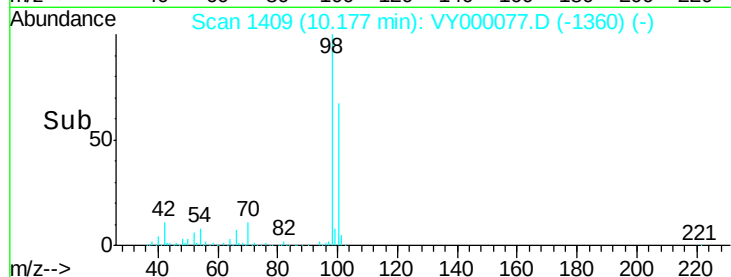
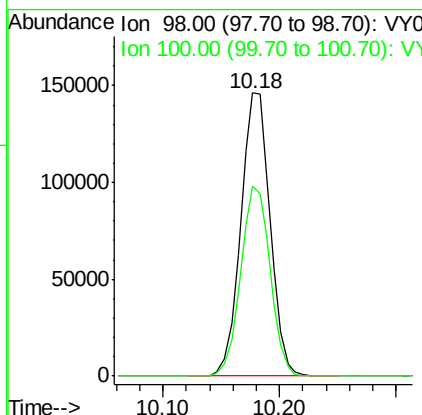
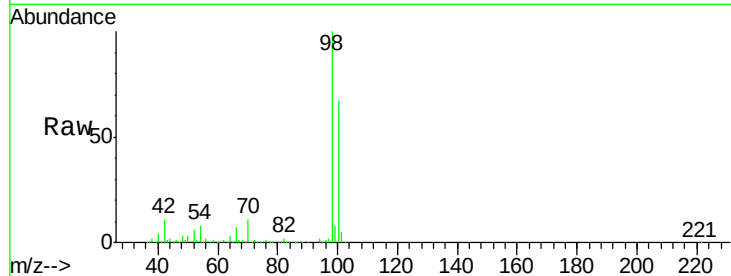




#50
Toluene-d8
Concen: 49.374 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000077.D
Acq: 19 Sep 2019 15:11

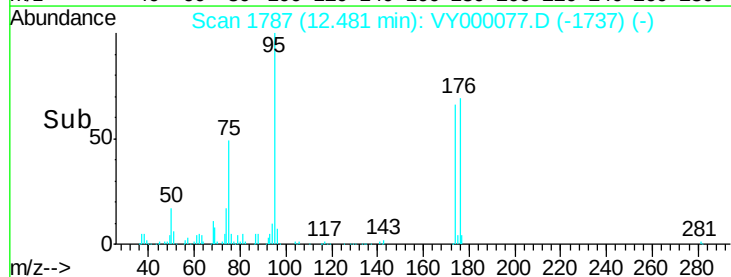
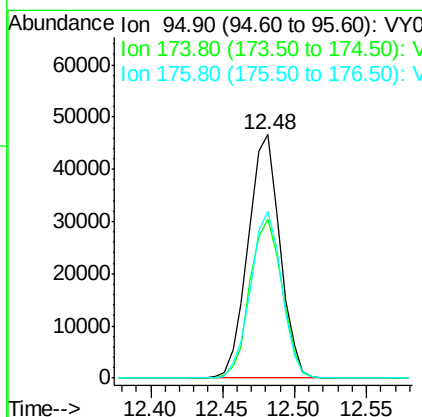
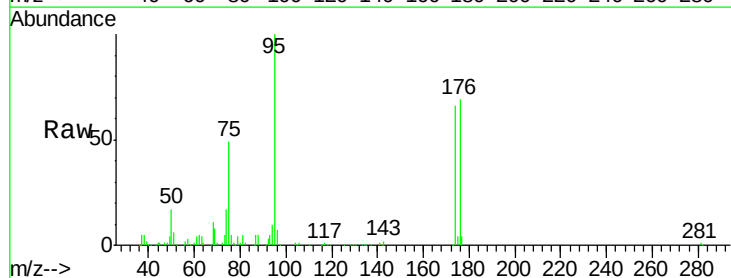
Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-6-4

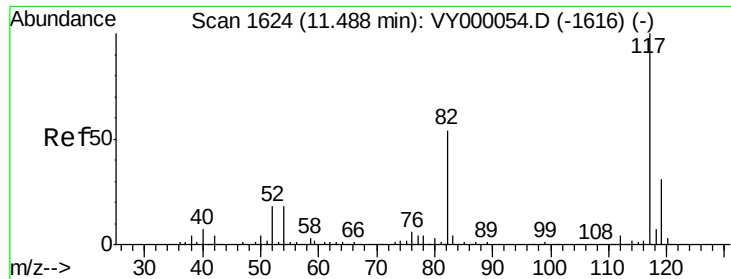
Tot Ion: 98 Resp: 256516
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 36.870 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. 0.01 min
Lab File: VY000077.D
Acq: 19 Sep 2019 15:11

Tgt Ion: 95 Resp: 71118
Ion Ratio Lower Upper
95 100
174 66.2 0.0 137.2
176 67.2 0.0 135.0

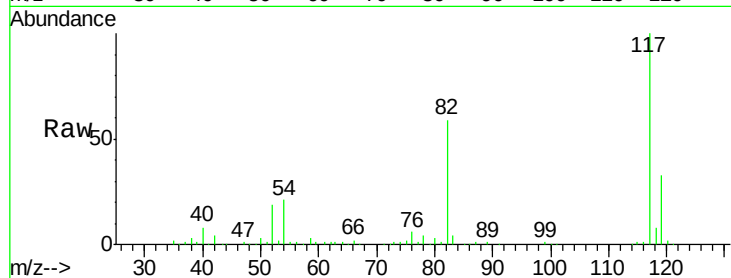




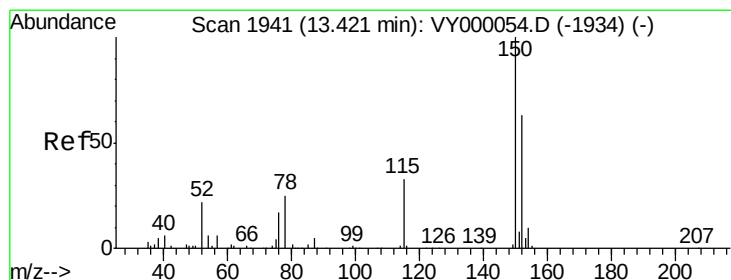
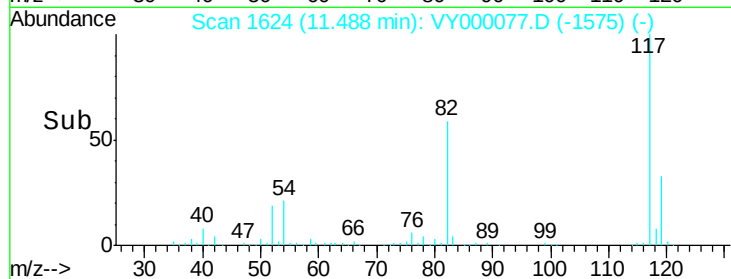
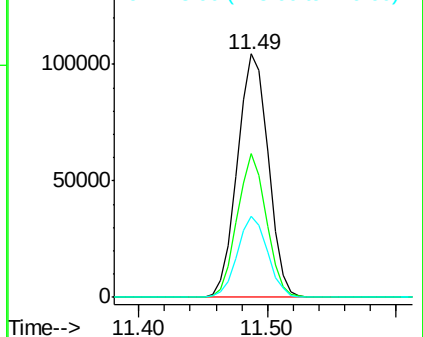
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000077.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-6-4

Tot Ion:117 Resp: 173456
Ion Ratio Lower Upper
117 100
82 59.3 43.5 65.3
119 33.2 24.6 36.8

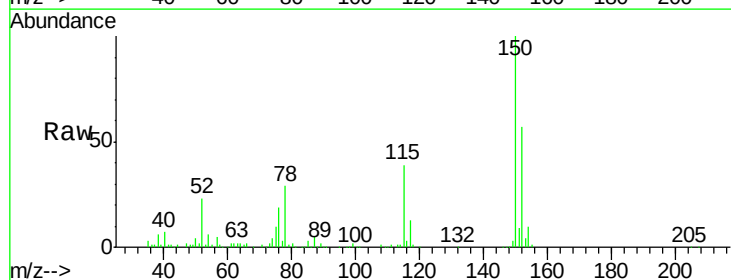


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000077.D
Acq: 19 Sep 2019 15:11

Tgt Ion:152 Resp: 54536
Ion Ratio Lower Upper
152 100
115 64.7 30.7 92.1
150 162.7 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

