

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000091.D
 Acq On : 19 Sep 2019 20:35
 Operator : SY/MD
 Sample : K4863-02
 Misc : 4.63g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-4-5-1

Quant Time: Sep 20 04:04:30 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	90341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	190393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	140222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	37630	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	55876	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
35) Dibromofluoromethane	7.72	113	52573	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
50) Toluene-d8	10.18	98	211199	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	12.48	95	54768	32.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.16%	

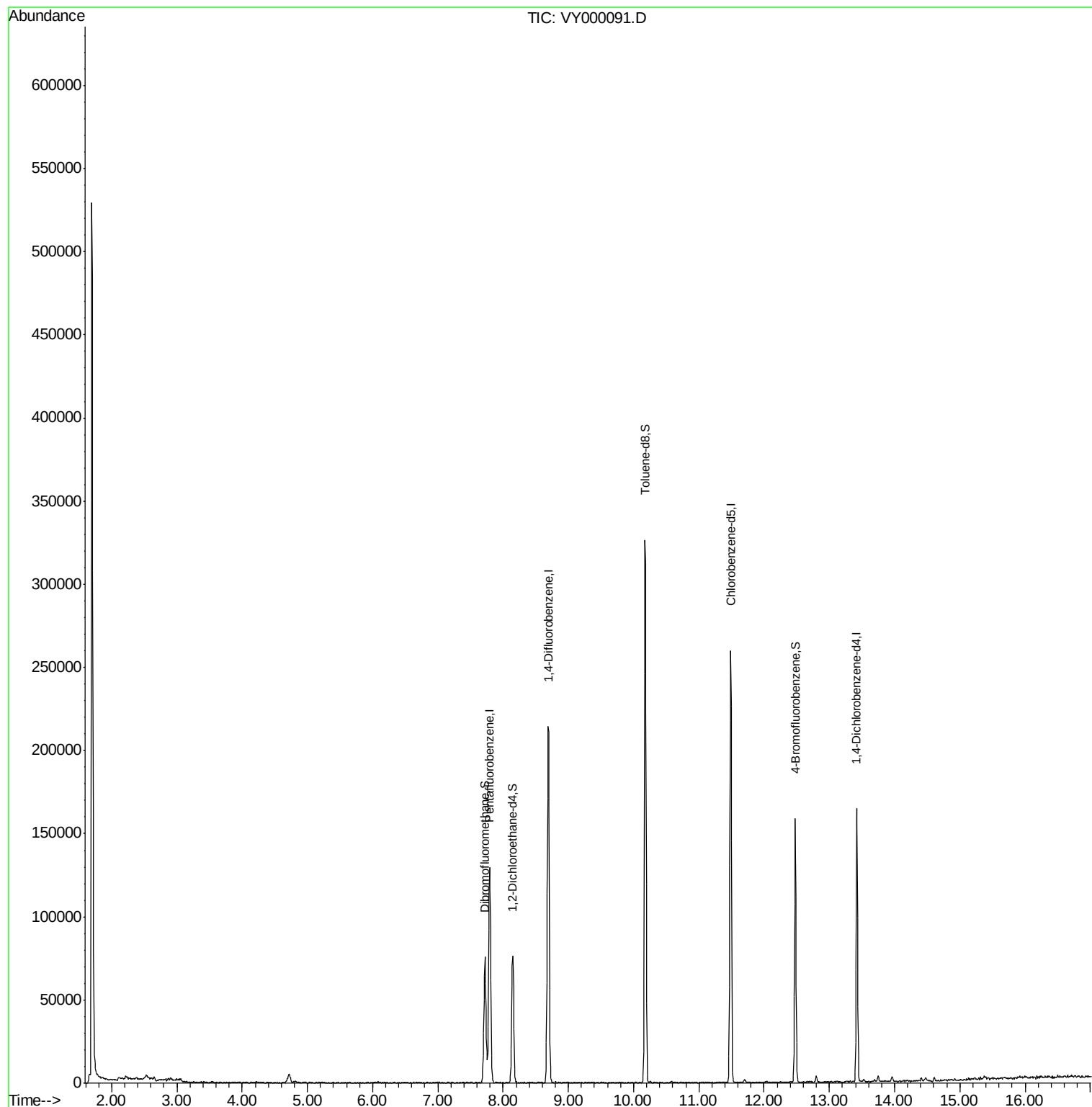
Target Compounds	Qvalue

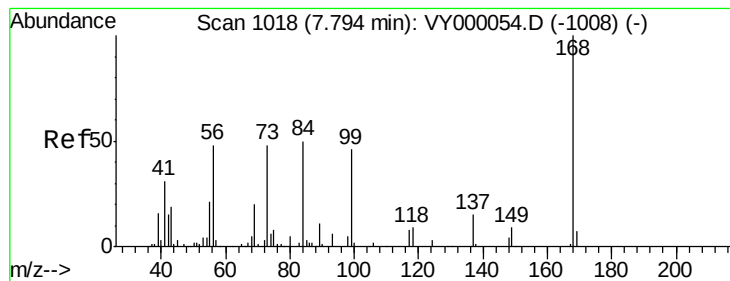
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000091.D

Acq: 19 Sep 2019 20:35

Instrument :

MSVOA_Y

ClientSampleId :

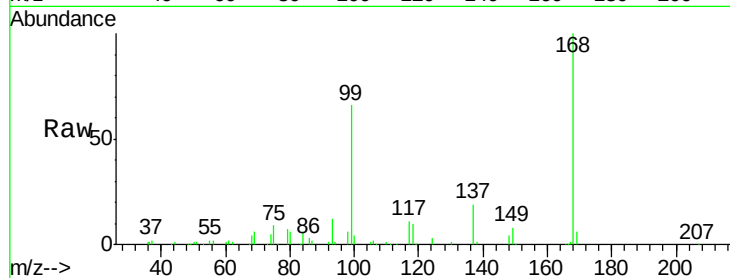
CSA-4-5-1

Tot Ion:168 Resp: 90341

Ion Ratio Lower Upper

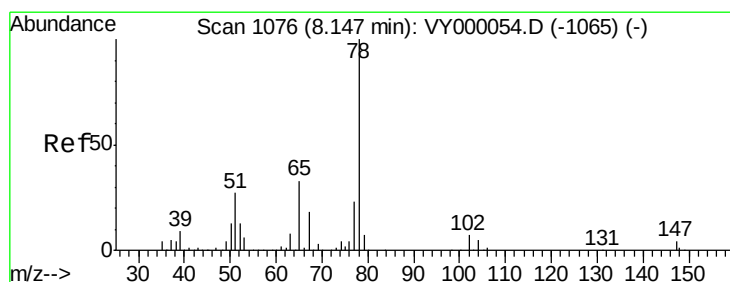
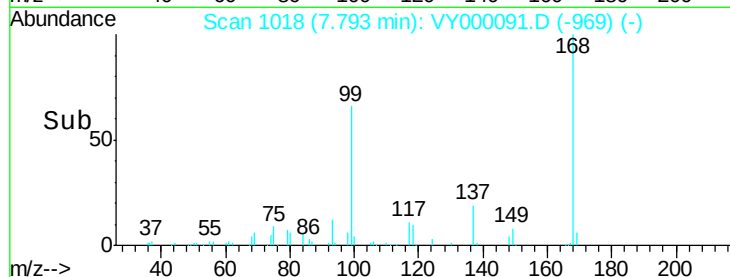
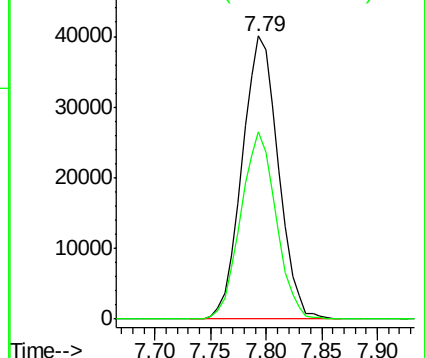
168 100

99 66.3 44.2 66.2#



Abundance Ion 167.90 (167.60 to 168.60): VY000091.D (-1027) (-)

Ion 98.90 (98.60 to 99.60): VY000091.D (-1027) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.759 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000091.D

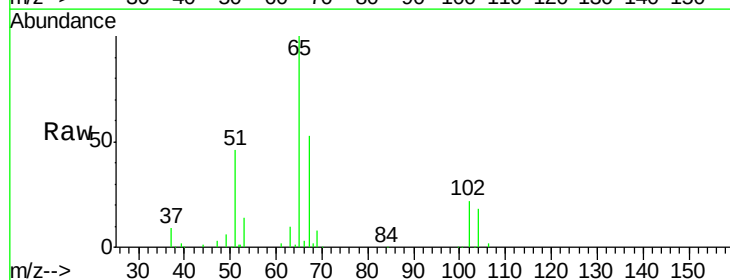
Acq: 19 Sep 2019 20:35

Tgt Ion: 65 Resp: 55876

Ion Ratio Lower Upper

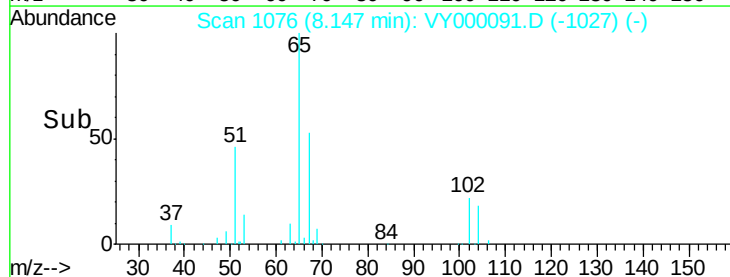
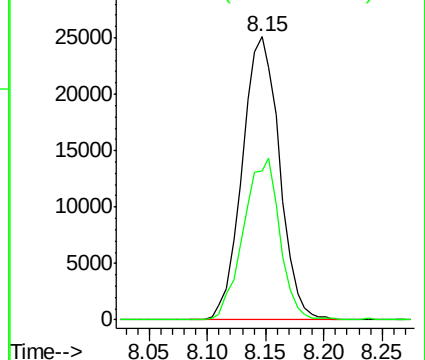
65 100

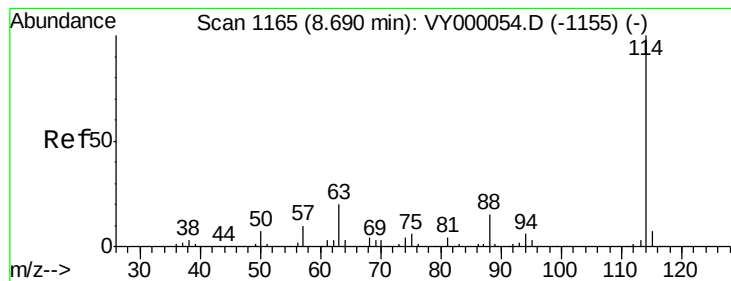
67 55.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000091.D (-1027) (-)

Ion 66.90 (66.60 to 67.60): VY000091.D (-1027) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000091.D

Acq: 19 Sep 2019 20:35

Instrument :

MSVOA_Y

ClientSampleId :

CSA-4-5-1

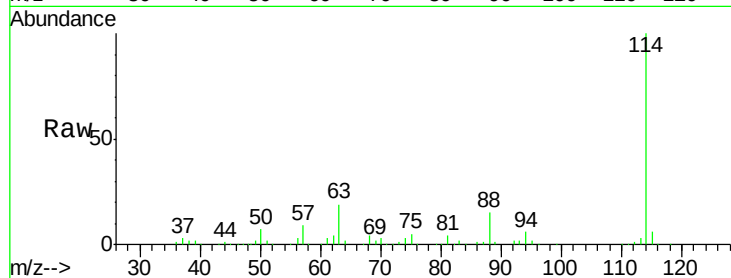
Tot Ion:114 Resp: 190393

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.4

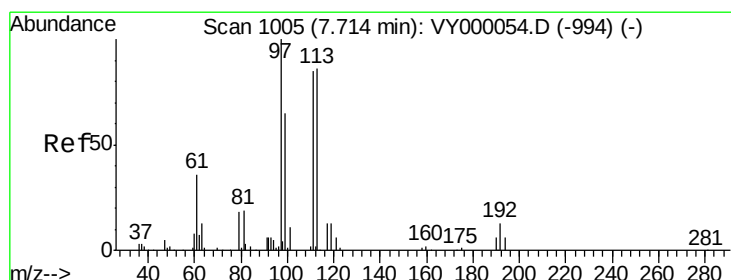
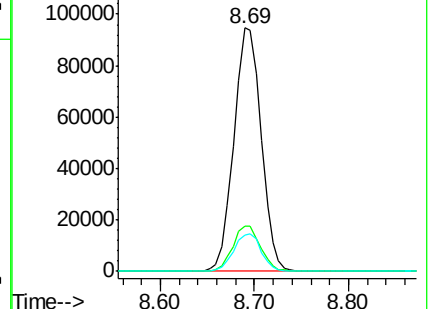
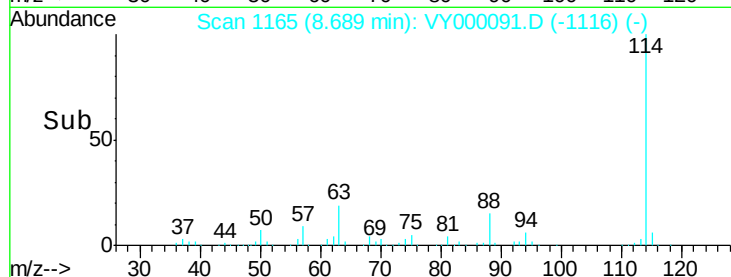
88 14.8 0.0 30.2



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: 45.605 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000091.D

Acq: 19 Sep 2019 20:35

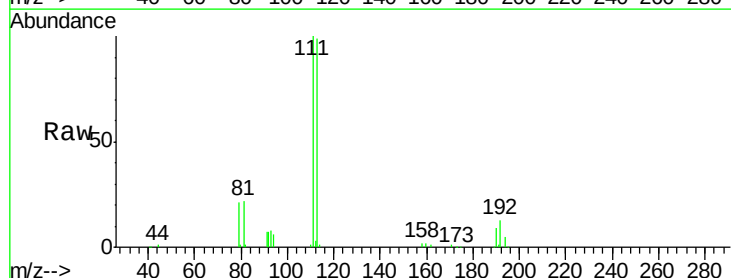
Tgt Ion:113 Resp: 52573

Ion Ratio Lower Upper

113 100

111 104.9 81.7 122.5

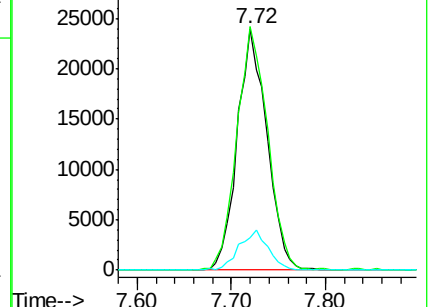
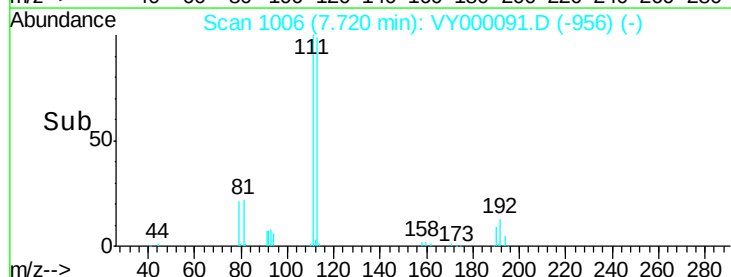
192 16.3 13.4 20.2

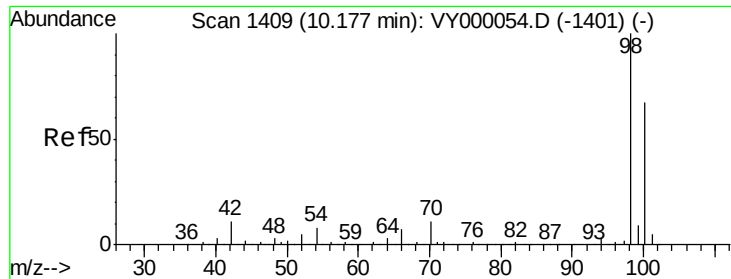


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

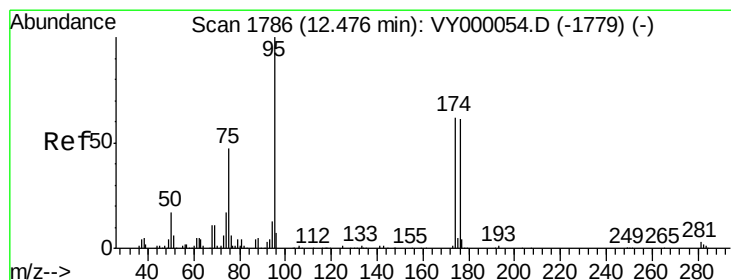
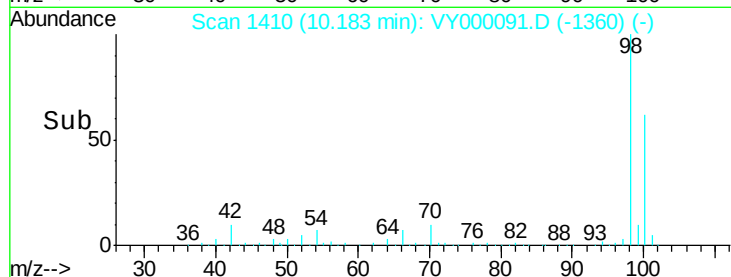
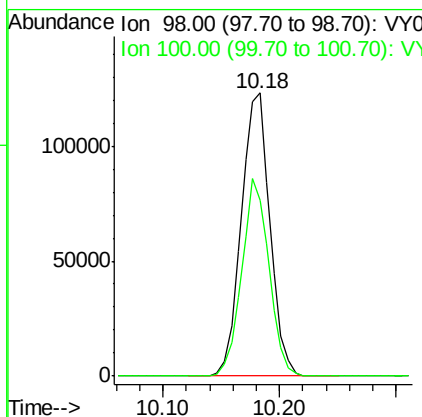
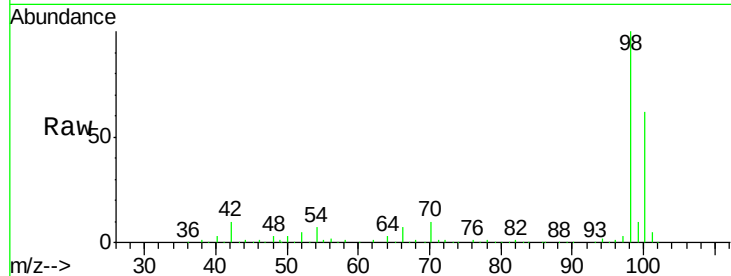




#50
Toluene-d8
Concen: 46.645 ug/l
RT: 10.18 min Scan# 1410
Delta R.T. 0.01 min
Lab File: VY000091.D
Acq: 19 Sep 2019 20:35

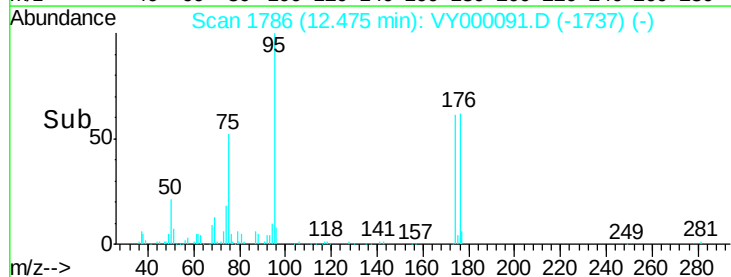
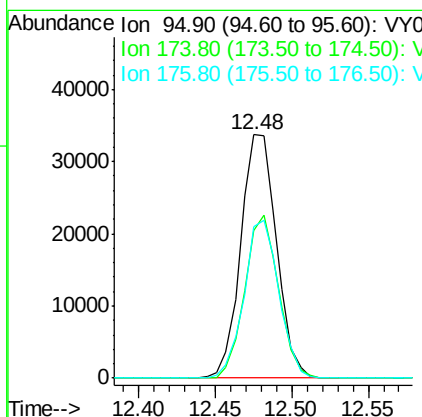
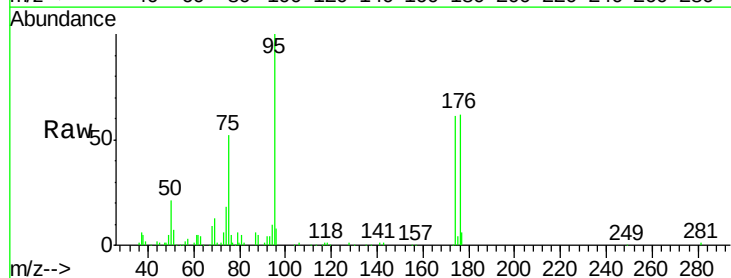
Instrument :
MSVOA_Y
ClientSampleId :
CSA-4-5-1

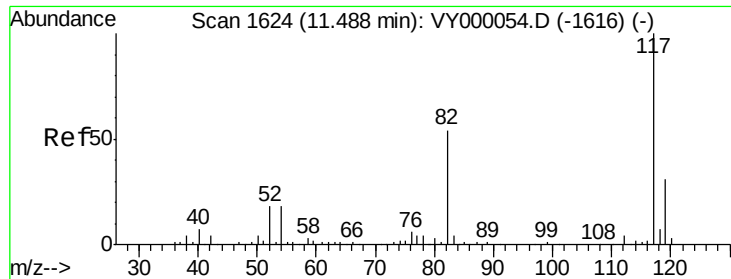
Tot Ion: 98 Resp: 211199
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 32.580 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000091.D
Acq: 19 Sep 2019 20:35

Tgt Ion: 95 Resp: 54768
Ion Ratio Lower Upper
95 100
174 63.1 0.0 137.2
176 63.0 0.0 135.0

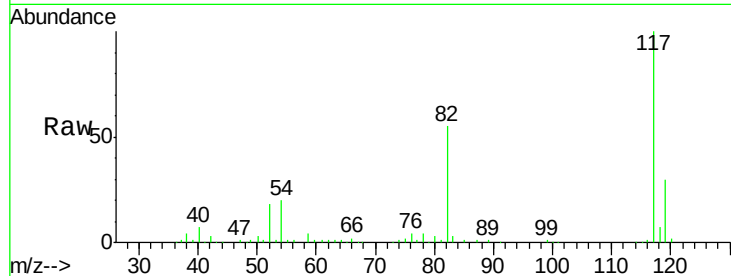




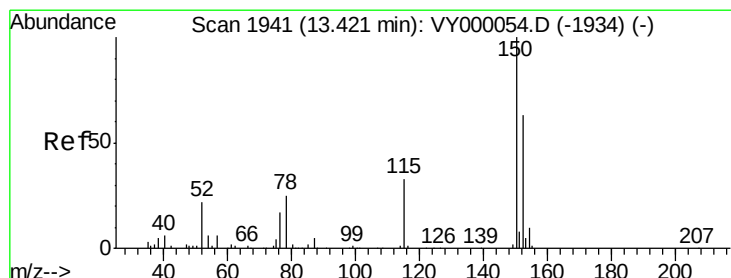
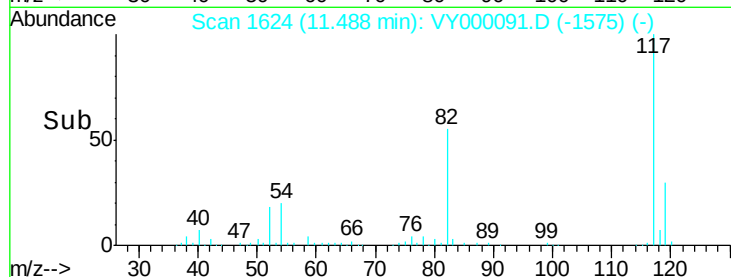
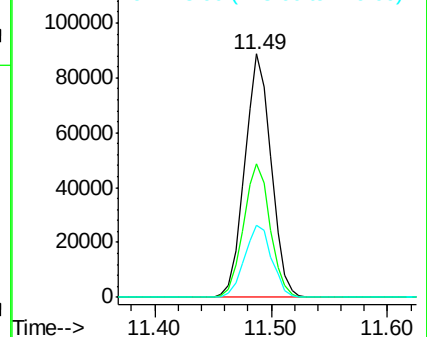
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000091.D
Acq: 19 Sep 2019 20:35

Instrument :
MSVOA_Y
ClientSampleId :
CSA-4-5-1

Tot Ion:117 Resp: 140222
Ion Ratio Lower Upper
117 100
82 55.0 43.5 65.3
119 29.5 24.6 36.8

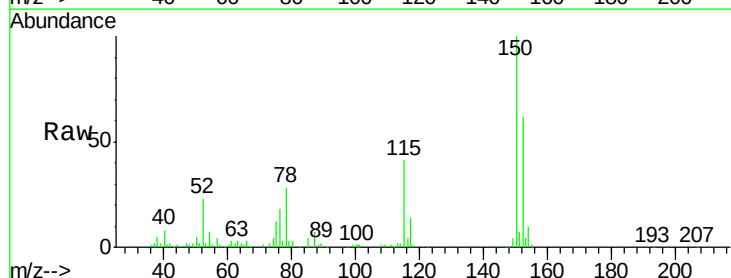


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000091.D
Acq: 19 Sep 2019 20:35

Tgt Ion:152 Resp: 37630
Ion Ratio Lower Upper
152 100
115 62.7 30.7 92.1
150 159.8 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

