

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000075.D
 Acq On : 19 Sep 2019 14:25
 Operator : SY/MD
 Sample : K4878-02
 Misc : 6.30g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-4-3

Quant Time: Sep 20 02:24:24 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	105619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	210951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	150184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	42177	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	63090	51.92	ug/l	0.00
Spiked Amount						
			Recovery	=	103.84%	
35) Dibromofluoromethane	7.72	113	61185	47.90	ug/l	0.00
Spiked Amount						
			Recovery	=	95.80%	
50) Toluene-d8	10.18	98	225876	45.03	ug/l	0.00
Spiked Amount						
			Recovery	=	90.06%	
62) 4-Bromofluorobenzene	12.48	95	58839	31.59	ug/l	0.00
Spiked Amount						
			Recovery	=	63.18%	

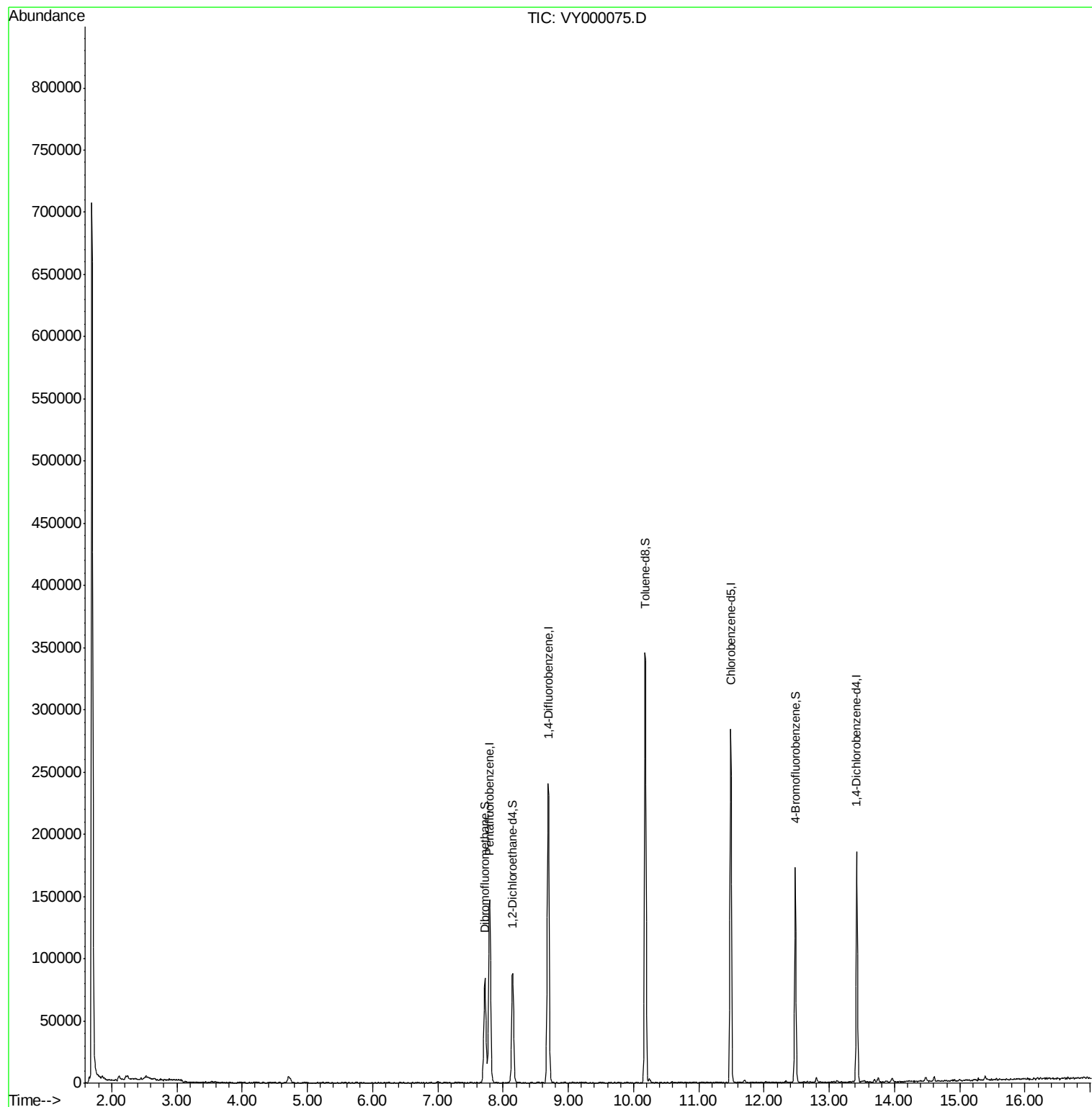
Target Compounds	Qvalue

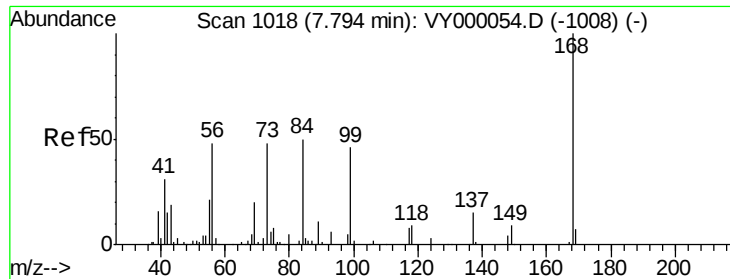
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000075.D

Acq: 19 Sep 2019 14:25

Instrument :

MSVOA_Y

ClientSampled :

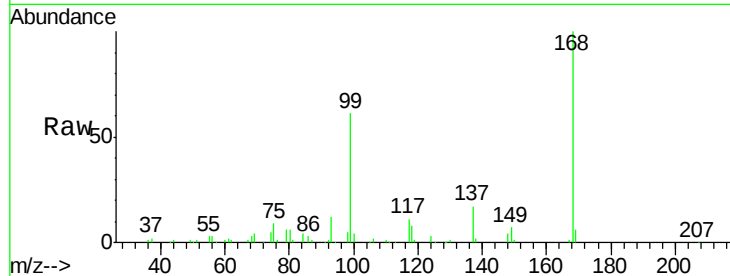
CSA-2-4-3

Tot Ion:168 Resp: 105619

Ion Ratio Lower Upper

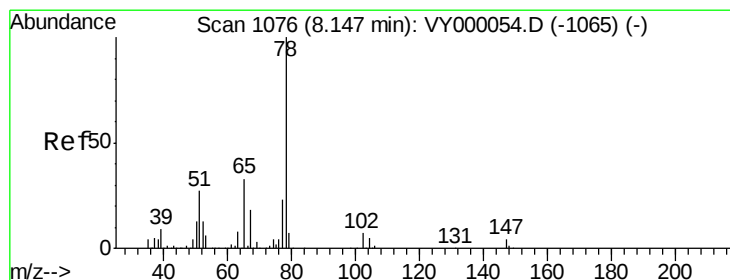
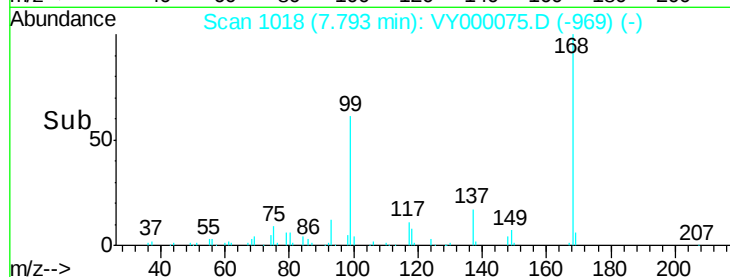
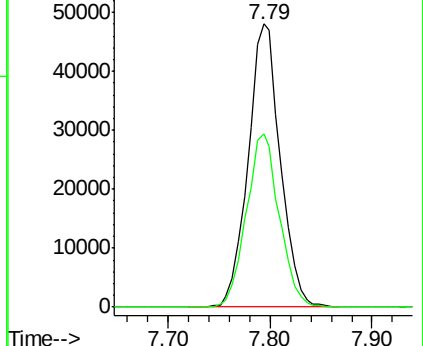
168 100

99 61.0 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000075.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000075.D (-1008) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.919 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000075.D

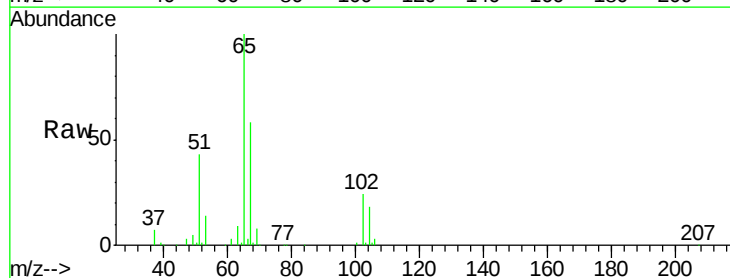
Acq: 19 Sep 2019 14:25

Tgt Ion: 65 Resp: 63090

Ion Ratio Lower Upper

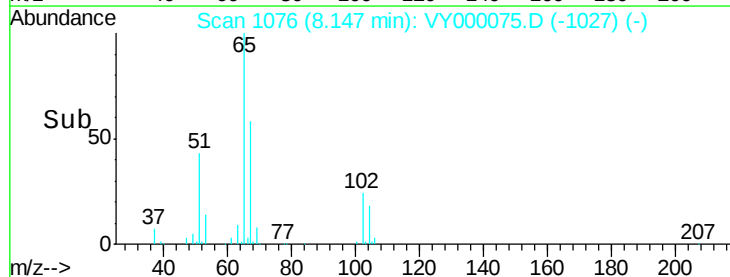
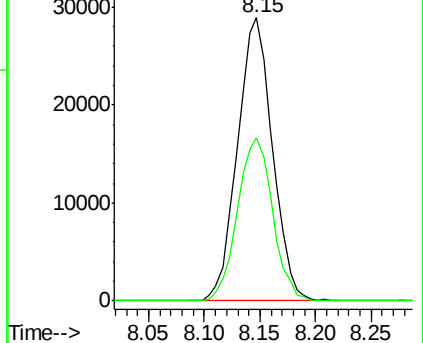
65 100

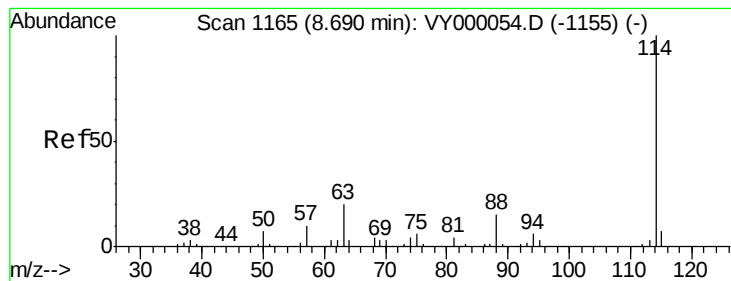
67 57.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000075.D (-1076) (-)

Ion 66.90 (66.60 to 67.60): VY000075.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: VY000075.D

Acq: 19 Sep 2019 14:25

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-4-3

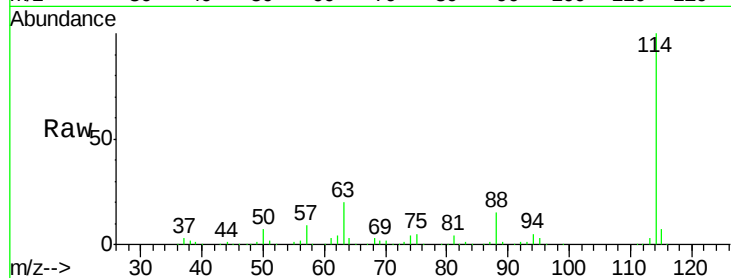
Tot Ion:114 Resp: 210951

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

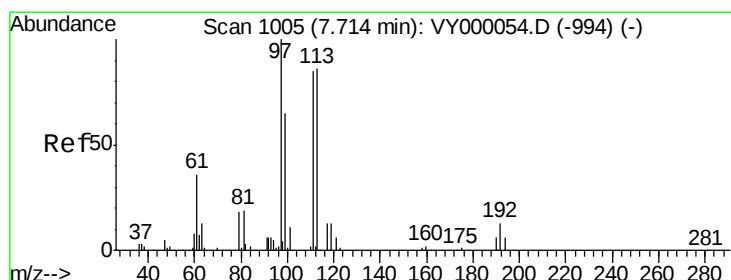
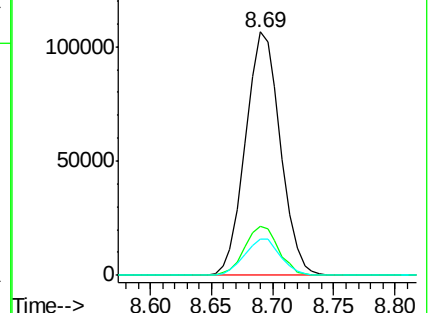
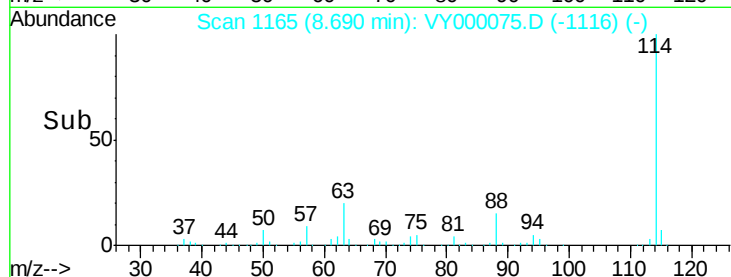
88 14.8 0.0 30.2



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: 47.904 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000075.D

Acq: 19 Sep 2019 14:25

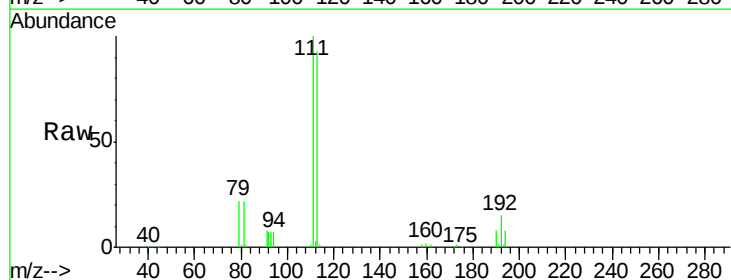
Tgt Ion:113 Resp: 61185

Ion Ratio Lower Upper

113 100

111 104.0 81.7 122.5

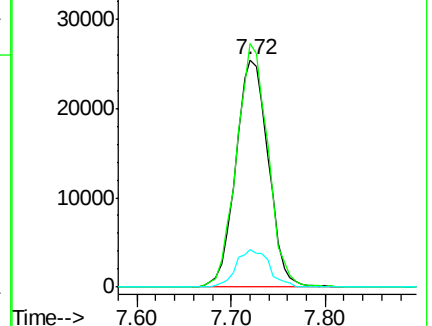
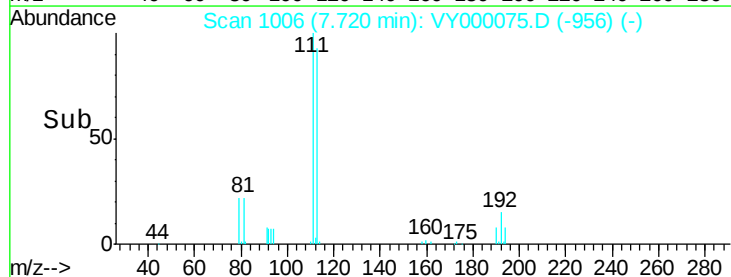
192 16.7 13.4 20.2

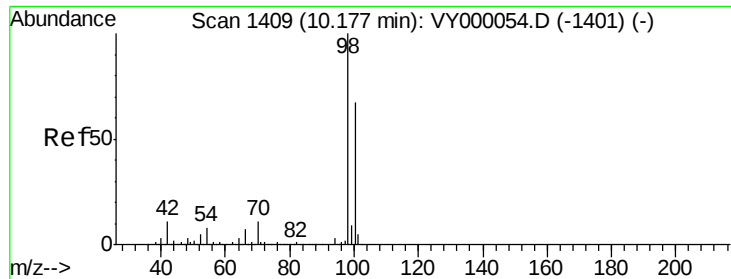


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.025 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000075.D

Acq: 19 Sep 2019 14:25

Instrument :

MSVOA_Y

ClientSampleId :

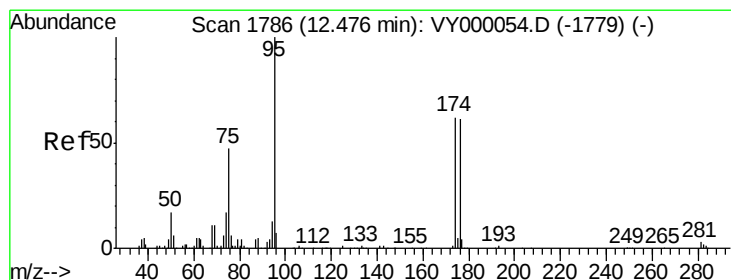
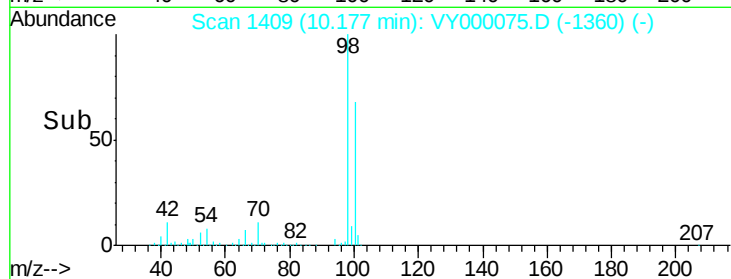
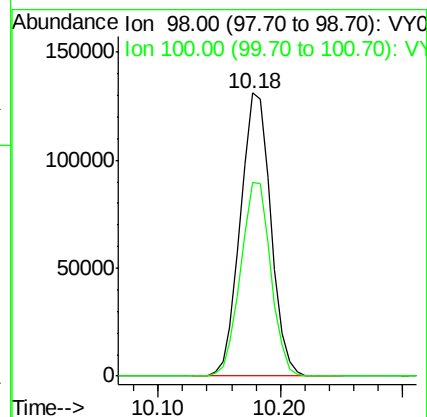
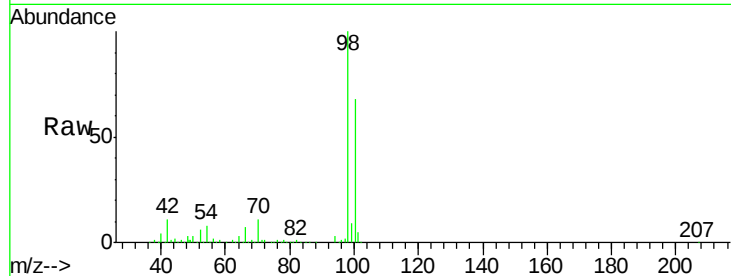
CSA-2-4-3

Tot Ion: 98 Resp: 225876

Ion Ratio Lower Upper

98 100

100 67.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 31.590 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000075.D

Acq: 19 Sep 2019 14:25

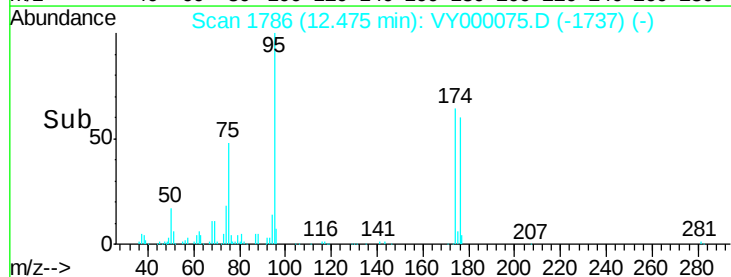
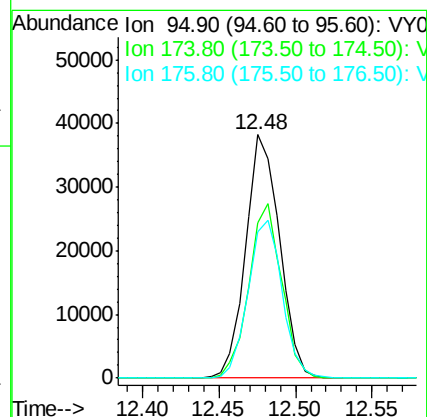
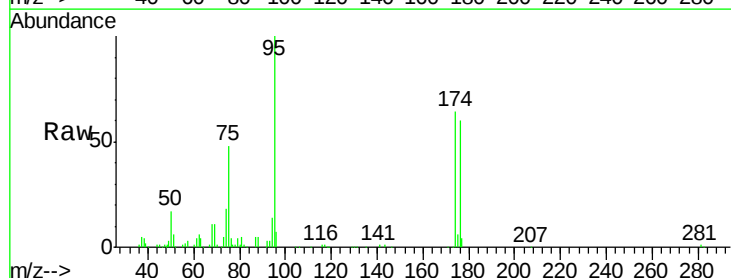
Tgt Ion: 95 Resp: 58839

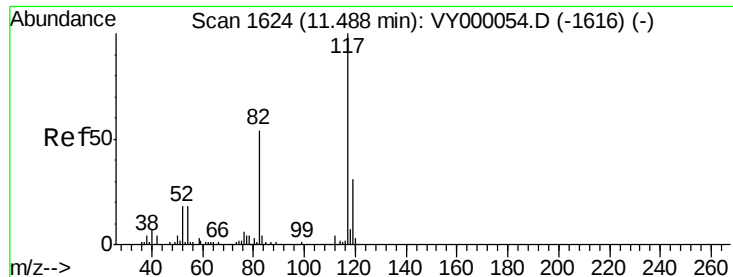
Ion Ratio Lower Upper

95 100

174 69.2 0.0 137.2

176 65.3 0.0 135.0

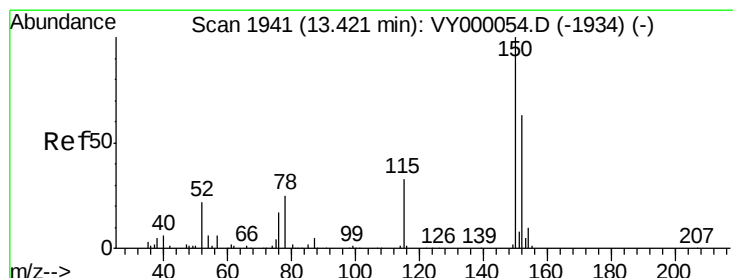
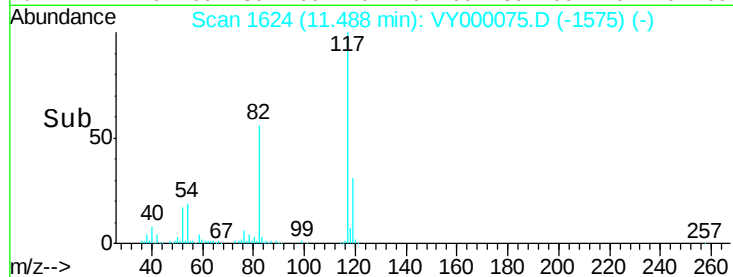
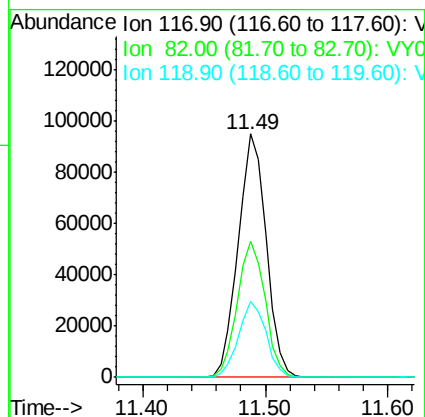
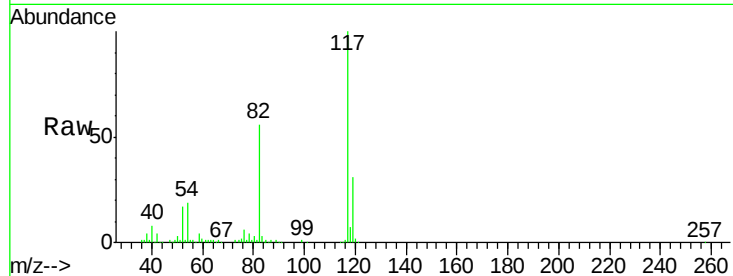




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000075.D
Acq: 19 Sep 2019 14:25

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-4-3

Tot Ion:117 Resp: 150184
Ion Ratio Lower Upper
117 100
82 55.9 43.5 65.3
119 31.2 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: VY000075.D
Acq: 19 Sep 2019 14:25

Tgt Ion:152 Resp: 42177
Ion Ratio Lower Upper
152 100
115 61.7 30.7 92.1
150 156.6 0.0 351.6

