

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy092019\
 Data File : VY000108.D
 Acq On : 20 Sep 2019 15:18
 Operator : SY/MD
 Sample : K4863-03RE
 Misc : 5.31g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-4-5-2RE

Quant Time: Sep 25 06:28:14 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

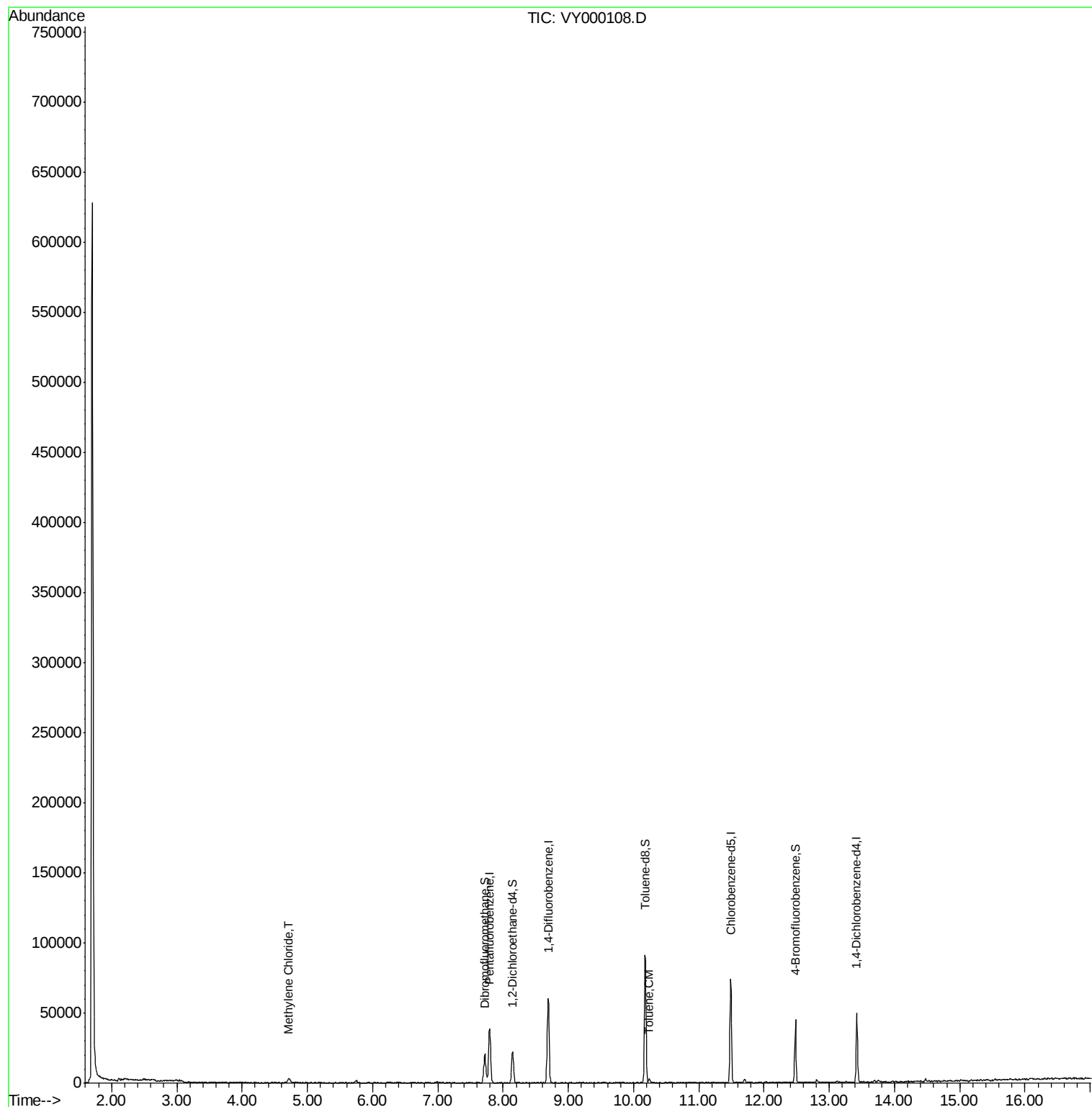
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	27102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	51081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	38202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	11246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	16324	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
35) Dibromofluoromethane	7.73	113	14668	47.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	94.86%	
50) Toluene-d8	10.18	98	59244	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.48	95	15353	34.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.08%	
Target Compounds						
20) Methylene Chloride	4.72	84	2412	7.062	ug/l #	74
52) Toluene	10.24	92	1277	1.593	ug/l	92

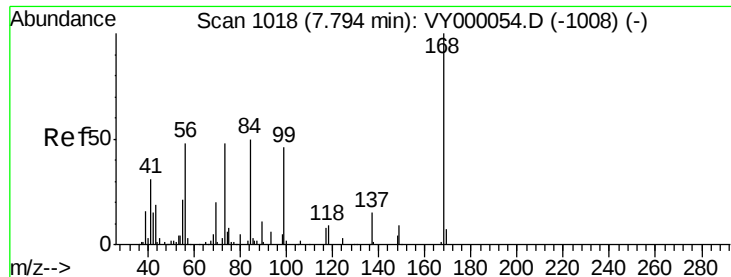
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000108.D

Acq: 20 Sep 2019 15:18

Instrument :

MSVOA_Y

ClientSampleId :

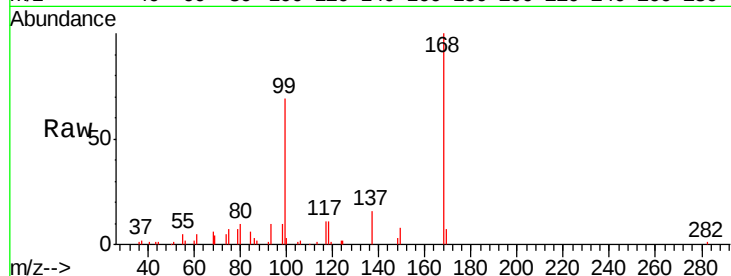
CSA-4-5-2RE

Tgt Ion:168 Resp: 27102

Ion Ratio Lower Upper

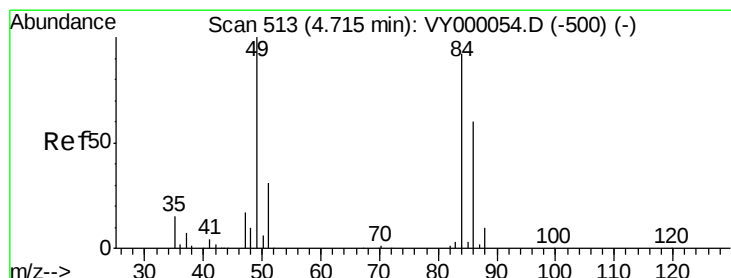
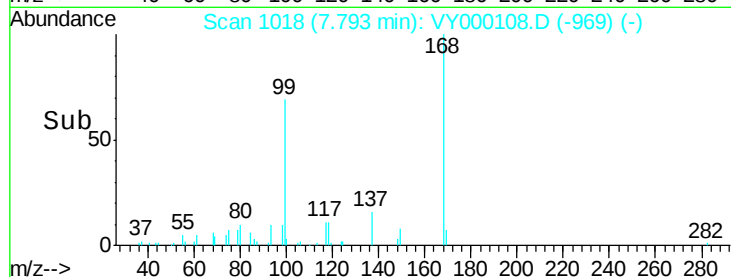
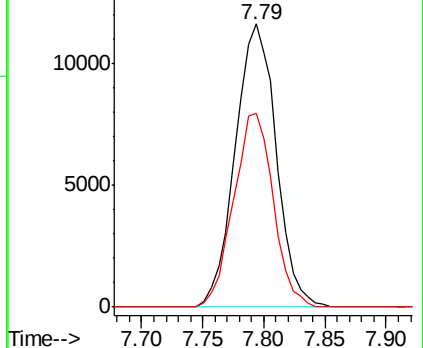
168 100

99 68.5 44.2 66.2#



Abundance Ion 167.90 (167.60 to 168.60): VY000108.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000108.D (-969) (-)



#20

Methylene Chloride

Concen: 7.062 ug/l

RT: 4.72 min Scan# 514

Delta R.T. 0.01 min

Lab File: VY000108.D

Acq: 20 Sep 2019 15:18

Tgt Ion: 84 Resp: 2412

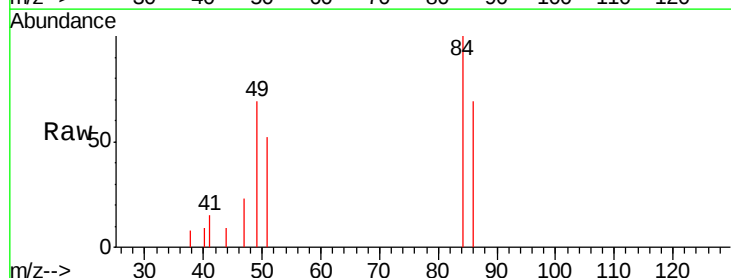
Ion Ratio Lower Upper

84 100

49 69.2 87.4 131.0#

51 52.0 27.2 40.8#

86 68.6 52.8 79.2

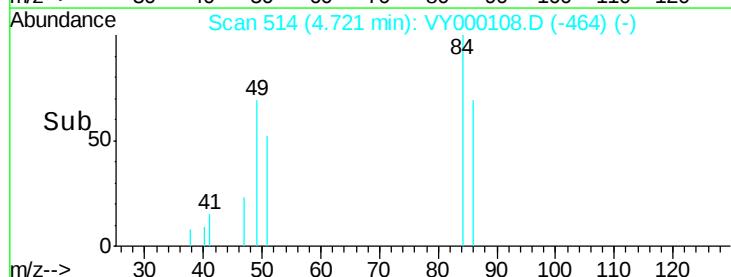
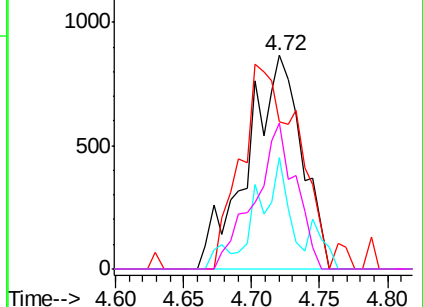


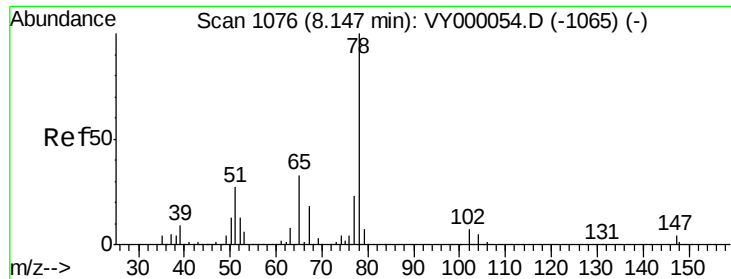
Abundance Ion 83.90 (83.60 to 84.60): VY000108.D (-464) (-)

Ion 48.90 (48.60 to 49.60): VY000108.D (-464) (-)

Ion 50.90 (50.60 to 51.60): VY000108.D (-464) (-)

Ion 85.90 (85.60 to 86.60): VY000108.D (-464) (-)

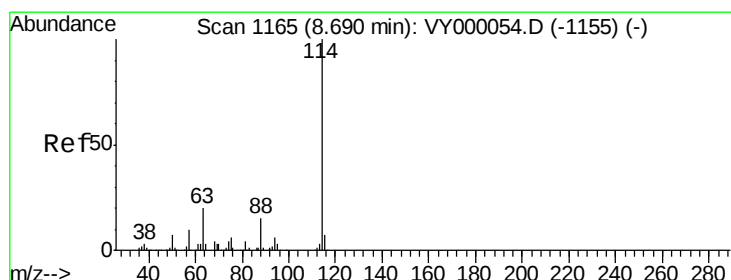
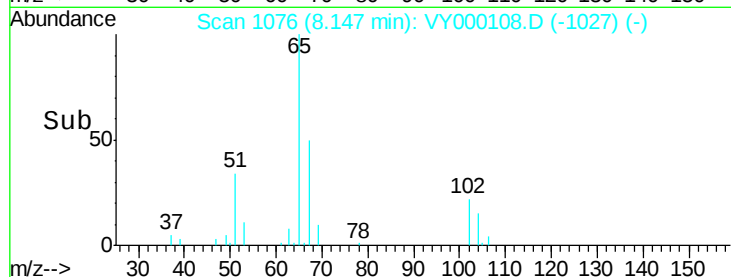
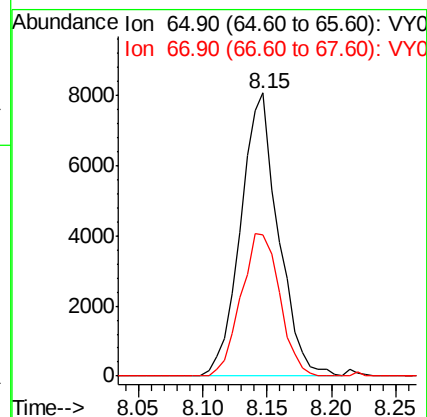
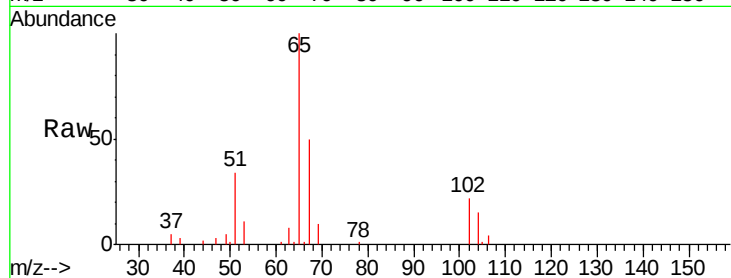




#33
 1,2-Dichloroethane-d4
 Concen: 52.352 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY000108.D
 Acq: 20 Sep 2019 15:18

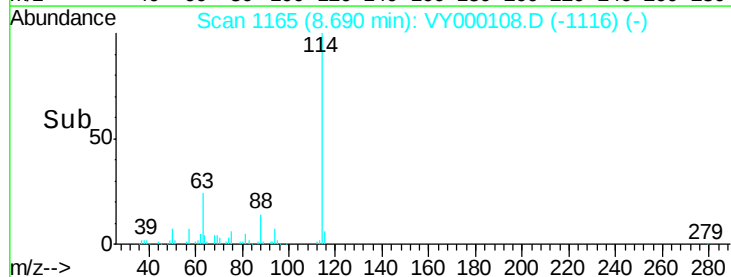
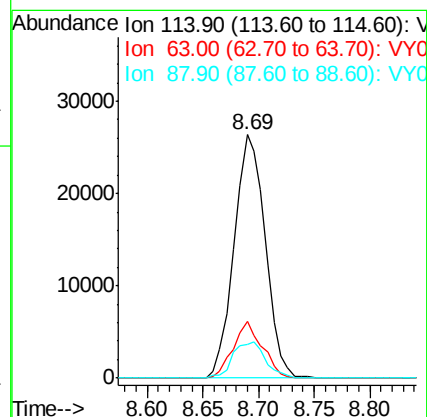
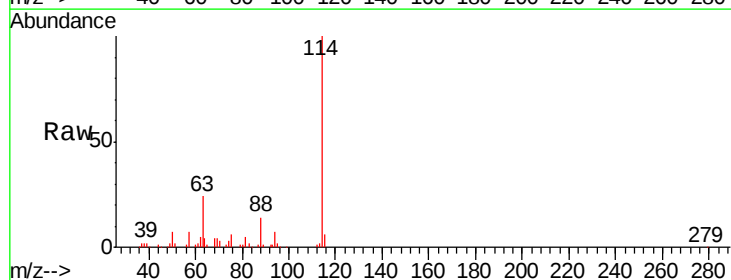
Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-4-5-2RE

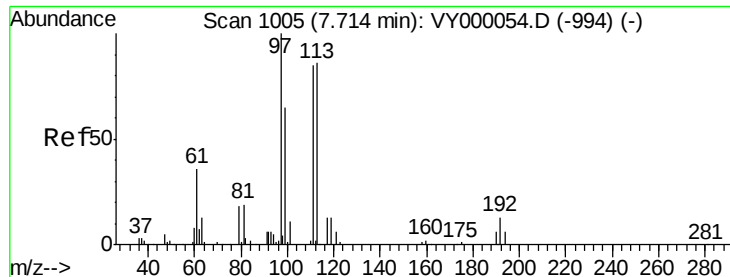
Tgt Ion: 65 Resp: 16324
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000108.D
 Acq: 20 Sep 2019 15:18

Tgt Ion: 114 Resp: 51081
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 39.4
 88 13.8 0.0 30.2

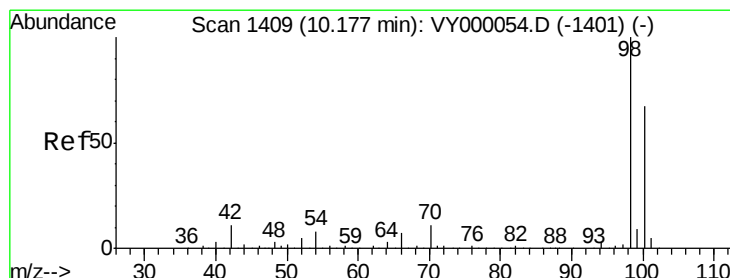
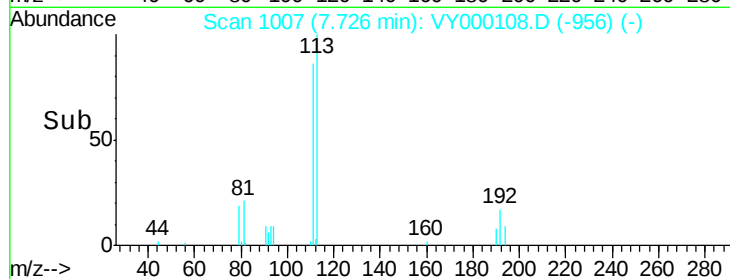
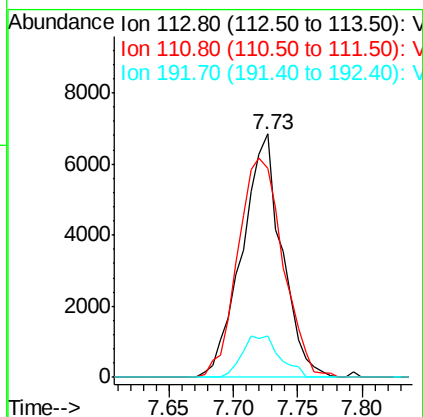
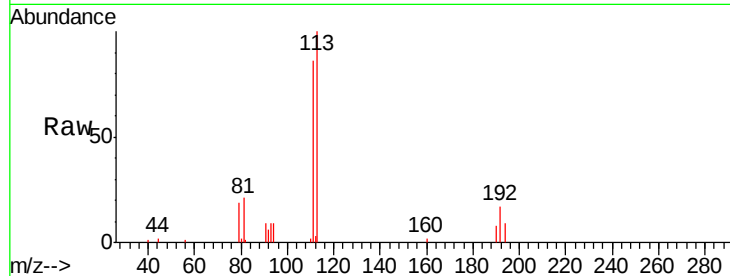




#35
 Dibromofluoromethane
 Concen: 47.426 ug/l
 RT: 7.73 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: VY000108.D
 Acq: 20 Sep 2019 15:18

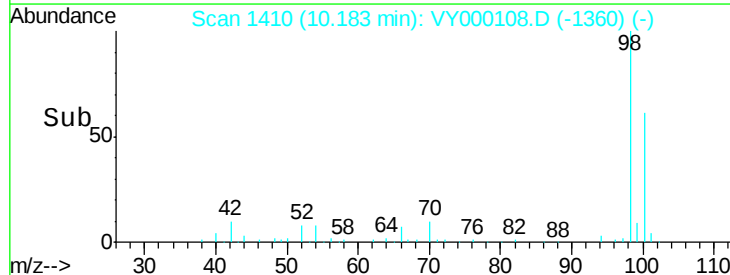
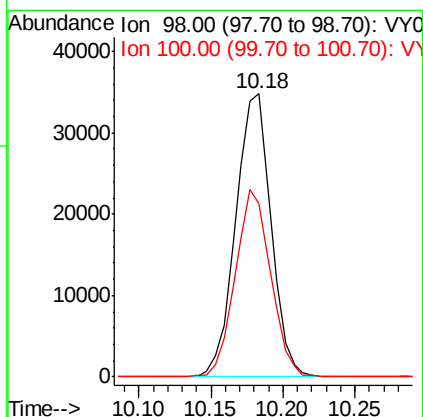
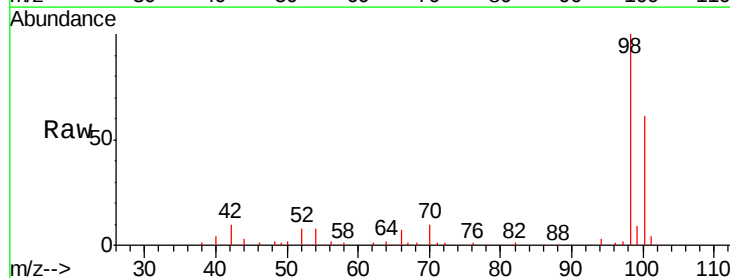
Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-4-5-2RE

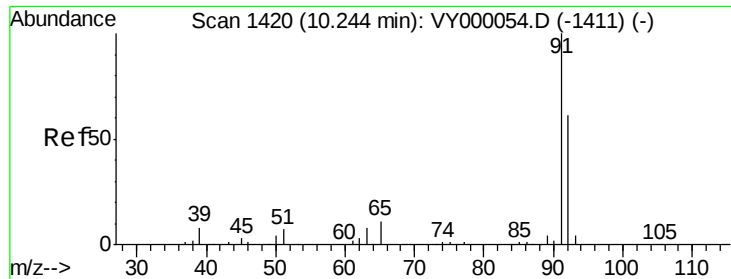
Tgt Ion: 113 Resp: 14668
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 16.0 13.4 20.2



#50
 Toluene-d8
 Concen: 48.770 ug/l
 RT: 10.18 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: VY000108.D
 Acq: 20 Sep 2019 15:18

Tgt Ion: 98 Resp: 59244
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.1 79.7





#52

Toluene

Concen: 1.593 ug/l

RT: 10.24 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VY000108.D

Acq: 20 Sep 2019 15:18

Instrument :

MSVOA_Y

ClientSampleId :

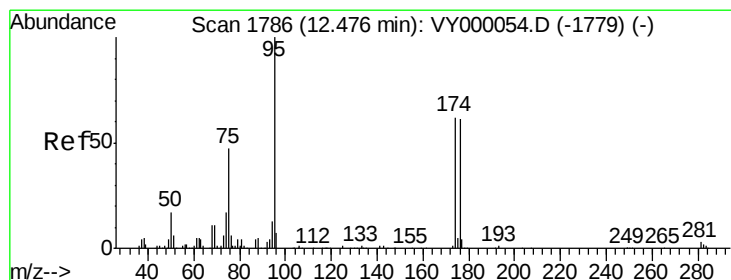
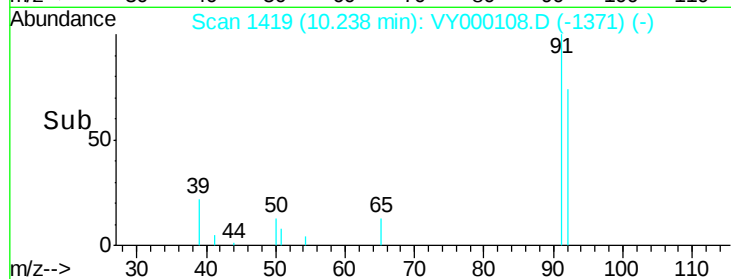
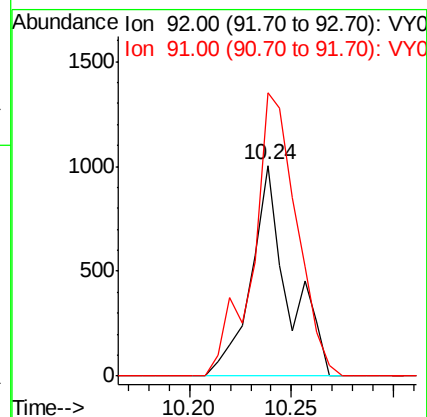
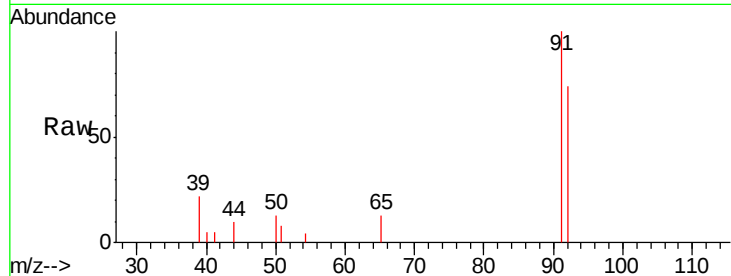
CSA-4-5-2RE

Tgt Ion: 92 Resp: 1277

Ion Ratio Lower Upper

92 100

91 158.5 135.8 203.6



#62

4-Bromofluorobenzene

Concen: 34.041 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.01 min

Lab File: VY000108.D

Acq: 20 Sep 2019 15:18

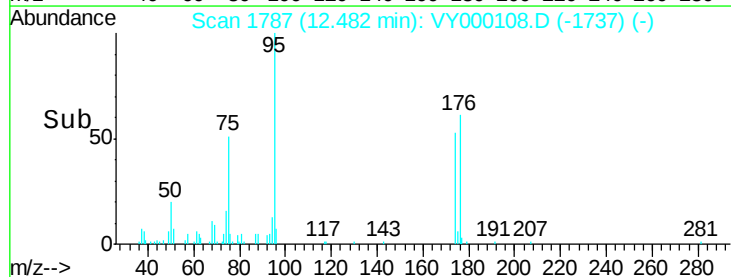
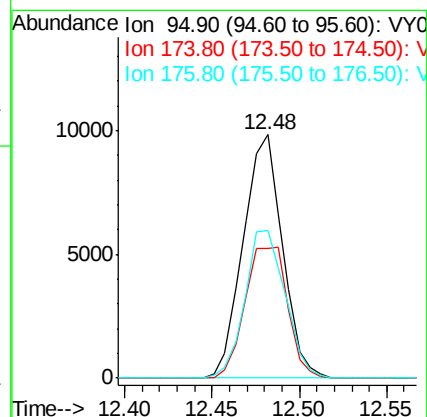
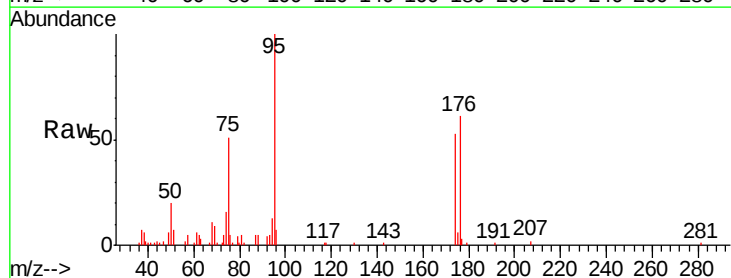
Tgt Ion: 95 Resp: 15353

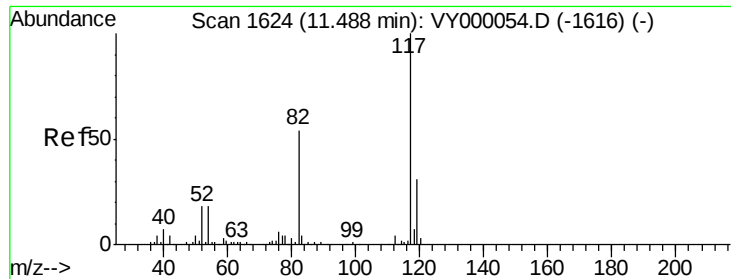
Ion Ratio Lower Upper

95 100

174 58.7 0.0 137.2

176 62.4 0.0 135.0

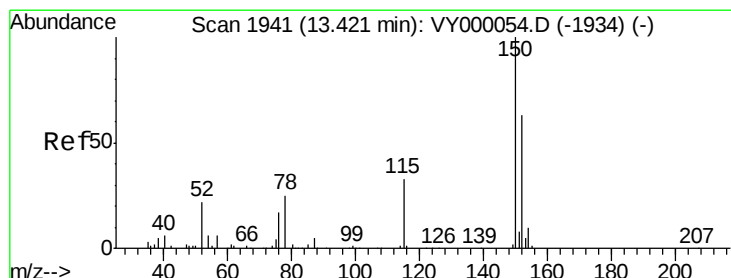
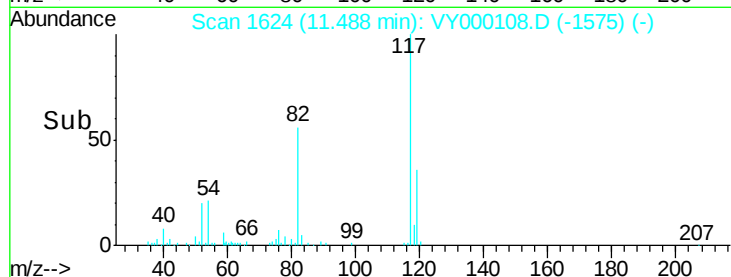
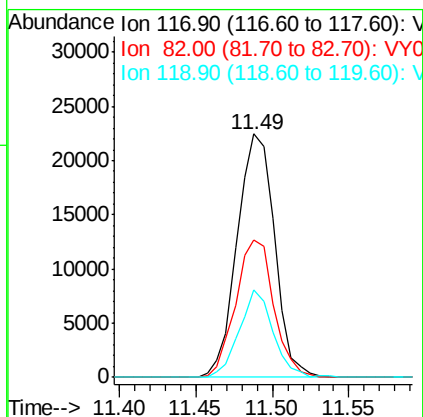
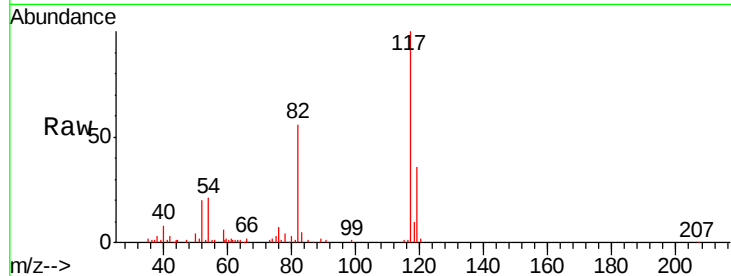




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000108.D
Acq: 20 Sep 2019 15:18

Instrument :
MSVOA_Y
ClientSampleId :
CSA-4-5-2RE

Tgt Ion:117 Resp: 38202
Ion Ratio Lower Upper
117 100
82 56.5 43.5 65.3
119 35.8 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: VY000108.D
Acq: 20 Sep 2019 15:18

Tgt Ion:152 Resp: 11246
Ion Ratio Lower Upper
152 100
115 62.3 30.7 92.1
150 153.1 0.0 351.6

