

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000079.D
 Acq On : 19 Sep 2019 15:56
 Operator : SY/MD
 Sample : K4878-08
 Misc : 6.81g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-7-4

Quant Time: Sep 20 03:17:18 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

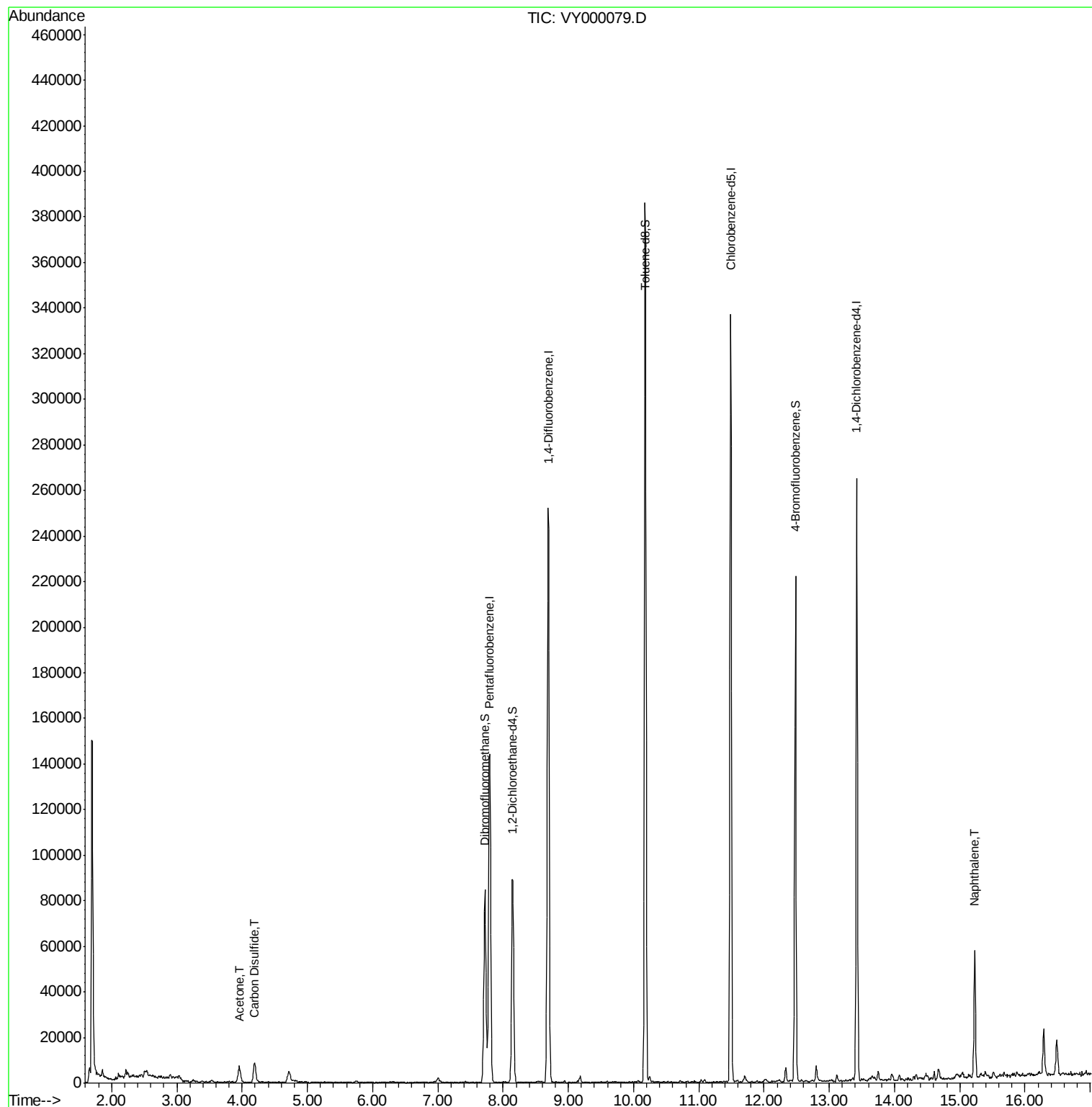
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	110480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	222619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	180084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	62265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	63663	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
35) Dibromofluoromethane	7.72	113	60444	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
50) Toluene-d8	10.18	98	260314	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.48	95	78150	39.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.52%	
Target Compounds						
16) Acetone	3.96	43	11119	37.571	ug/l	93
17) Carbon Disulfide	4.19	76	16812	5.585	ug/l #	94
95) Naphthalene	15.23	128	44086	13.179	ug/l	99

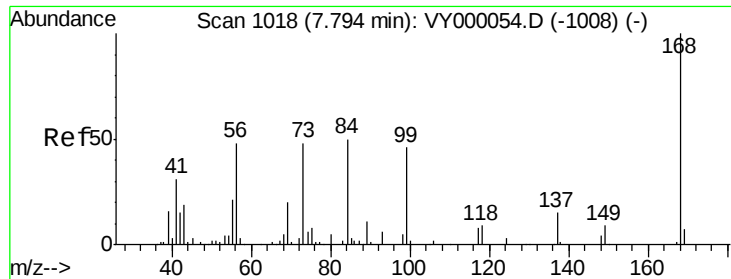
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000079.D

Acq: 19 Sep 2019 15:56

Instrument :

MSVOA_Y

ClientSampled :

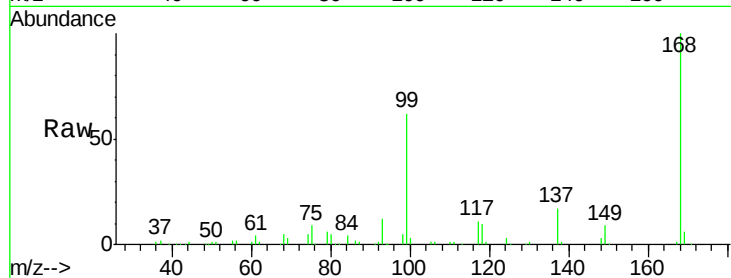
CSA-2-7-4

Tot Ion:168 Resp: 110480

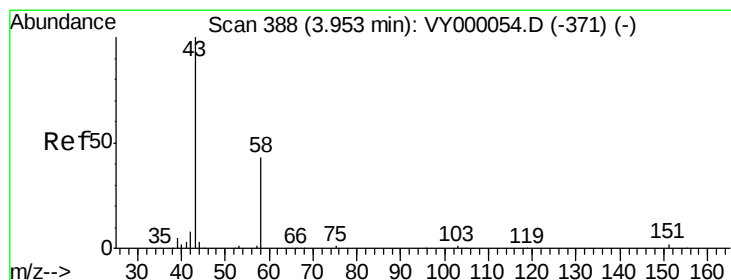
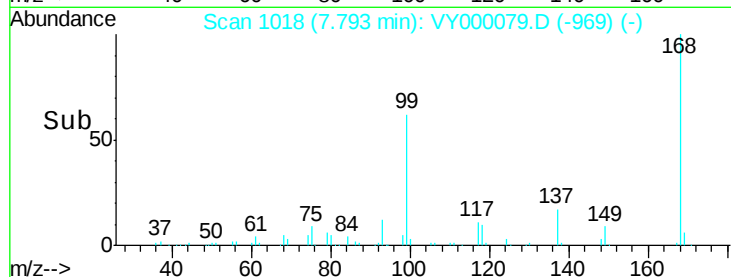
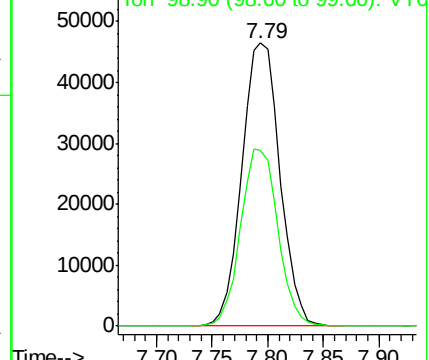
Ion Ratio Lower Upper

168 100

99 62.1 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000079.D (-969) (-)



#16

Acetone

Concen: 37.571 ug/l

RT: 3.96 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000079.D

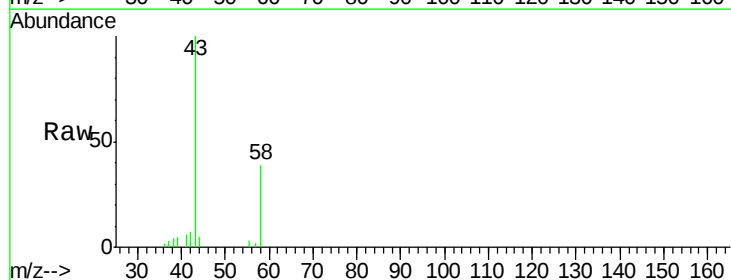
Acq: 19 Sep 2019 15:56

Tgt Ion: 43 Resp: 11119

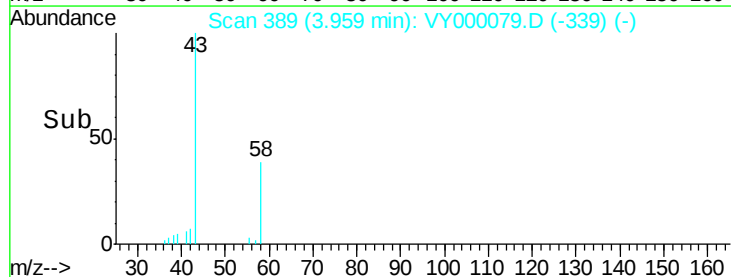
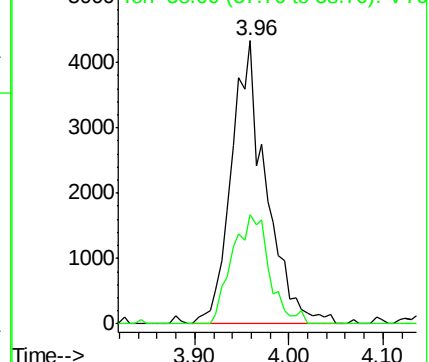
Ion Ratio Lower Upper

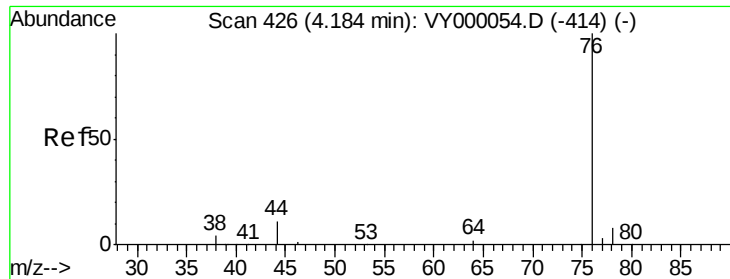
43 100

58 38.6 34.5 51.7



Abundance Ion 43.00 (42.70 to 43.70): VY000079.D (-339) (-)

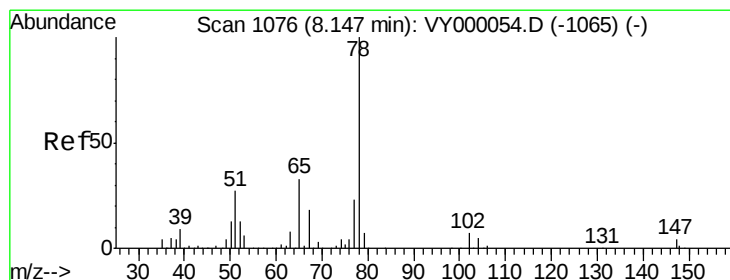
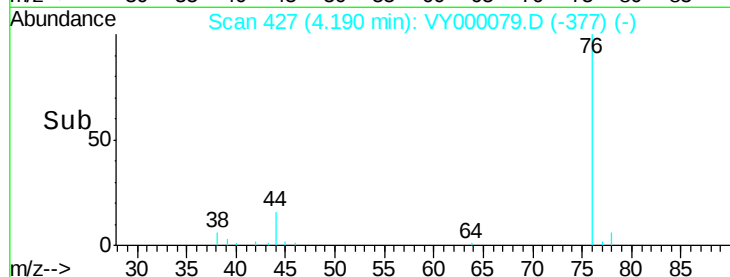
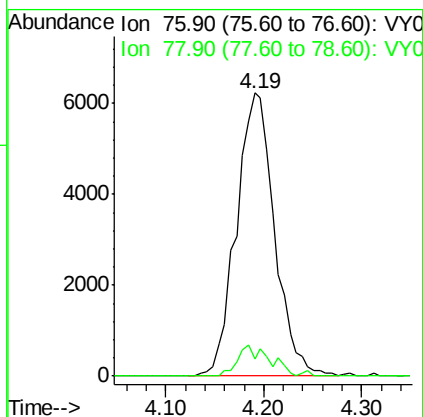
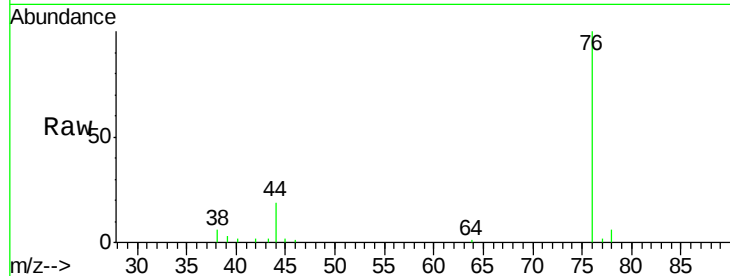




#17
Carbon Disulfide
Concen: 5.585 ug/l
RT: 4.19 min Scan# 427
Delta R.T. 0.01 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

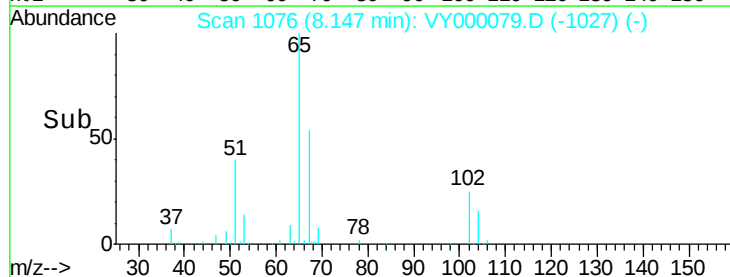
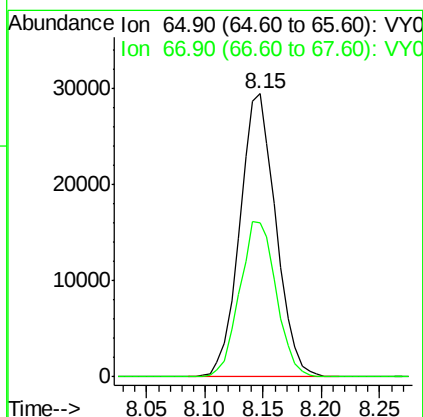
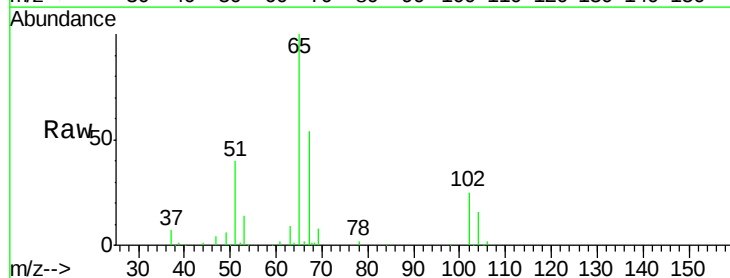
Instrument :
MSVOA_Y
ClientSampled :
CSA-2-7-4

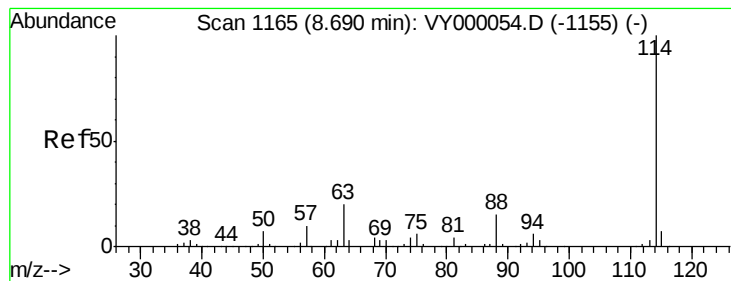
Tot Ion: 76 Resp: 16812
Ion Ratio Lower Upper
76 100
78 6.2 6.6 9.8#



#33
1,2-Dichloroethane-d4
Concen: 50.086 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion: 65 Resp: 63663
Ion Ratio Lower Upper
65 100
67 55.6 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: VY000079.D

Acq: 19 Sep 2019 15:56

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-7-4

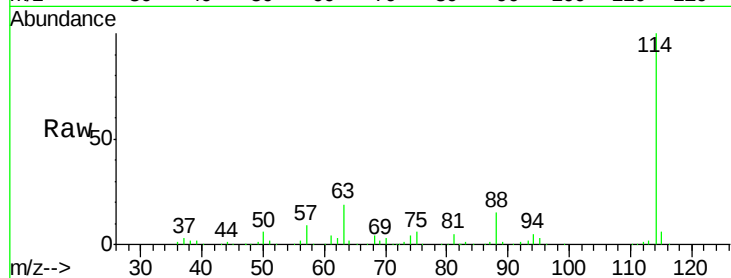
Tot Ion:114 Resp: 222619

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.4

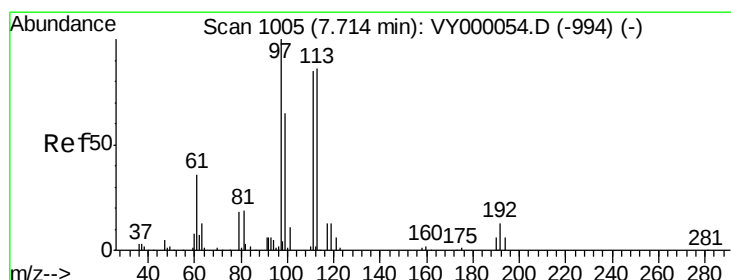
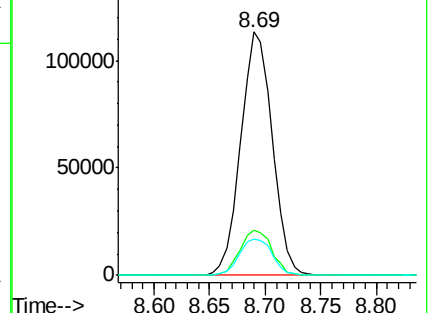
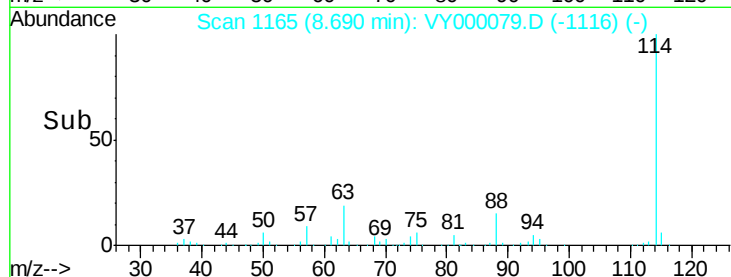
88 14.8 0.0 30.2



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: 44.843 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000079.D

Acq: 19 Sep 2019 15:56

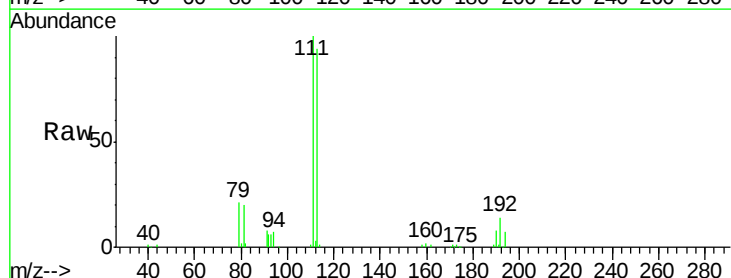
Tgt Ion:113 Resp: 60444

Ion Ratio Lower Upper

113 100

111 101.4 81.7 122.5

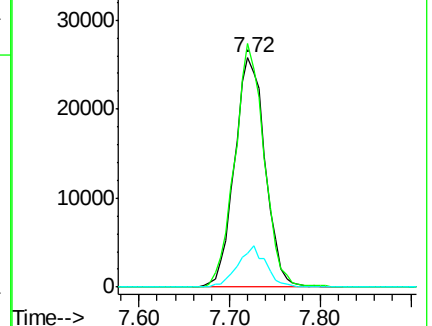
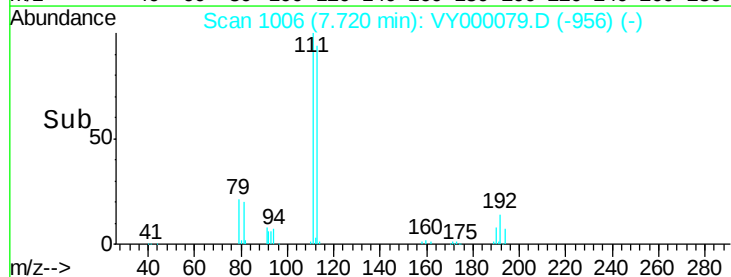
192 16.5 13.4 20.2

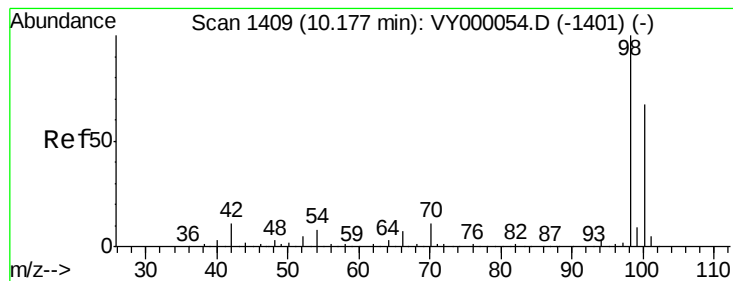


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.170 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000079.D

Acq: 19 Sep 2019 15:56

Instrument :

MSVOA_Y

ClientSampleId :

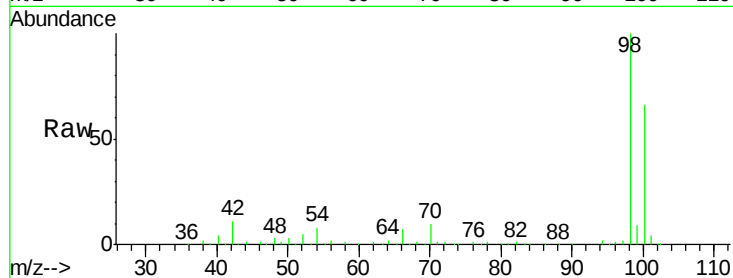
CSA-2-7-4

Tot Ion: 98 Resp: 260314

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

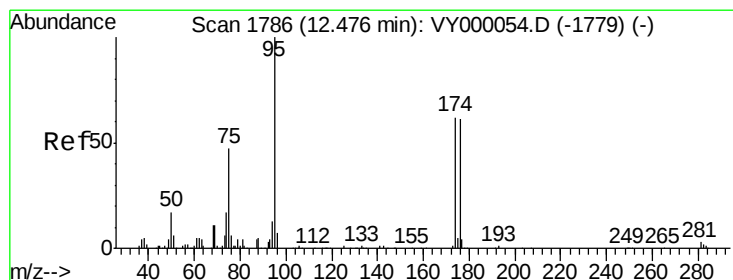
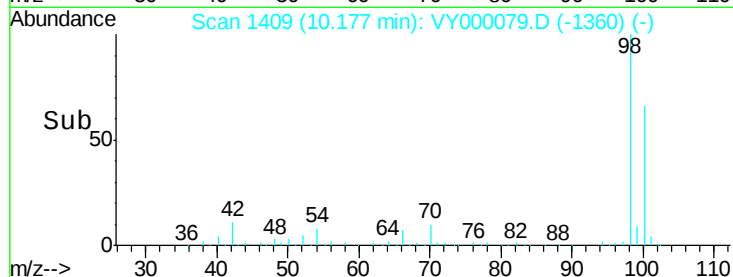
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.759 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.01 min

Lab File: VY000079.D

Acq: 19 Sep 2019 15:56

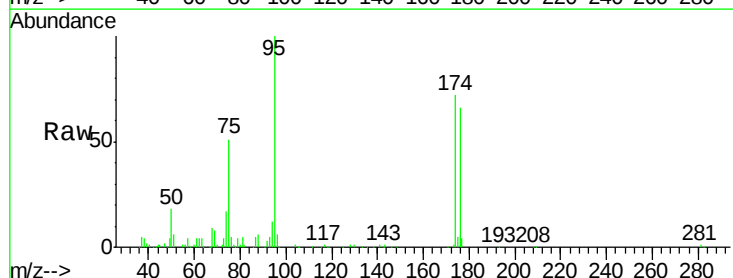
Tgt Ion: 95 Resp: 78150

Ion Ratio Lower Upper

95 100

174 66.2 0.0 137.2

176 64.3 0.0 135.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

60000

50000

40000

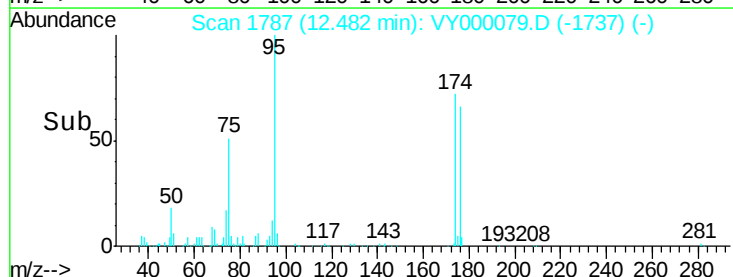
30000

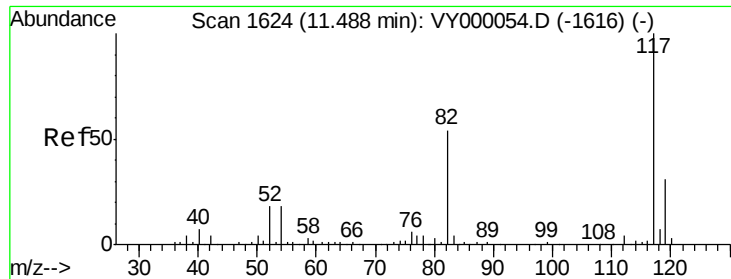
20000

10000

0

Time-->

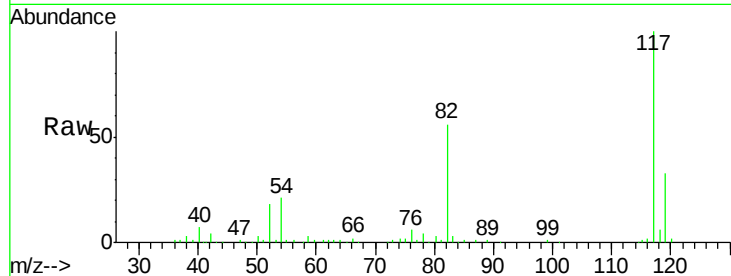




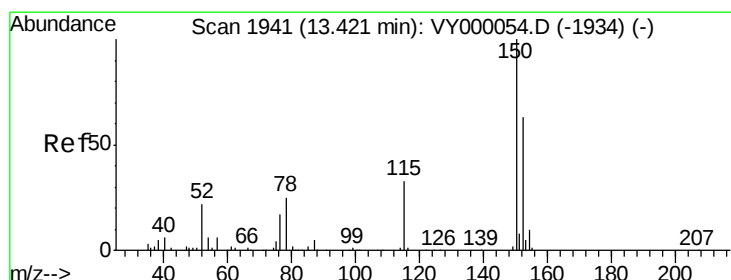
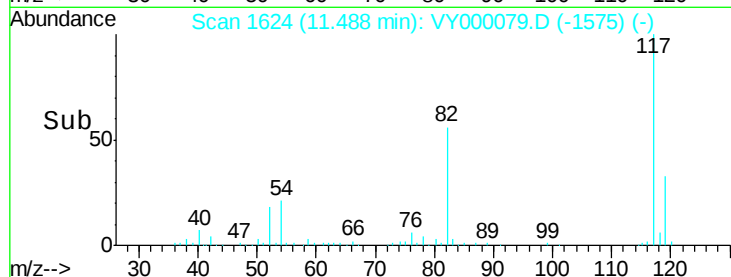
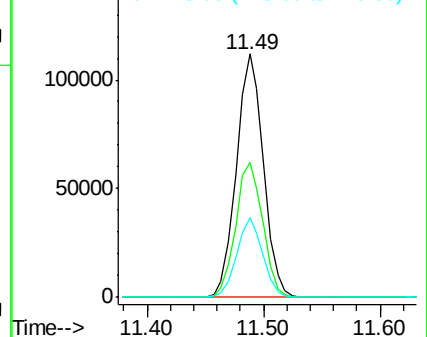
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument :
MSVOA_Y
ClientSampled :
CSA-2-7-4

Tot Ion:117 Resp: 180084
Ion Ratio Lower Upper
117 100
82 55.6 43.5 65.3
119 32.7 24.6 36.8

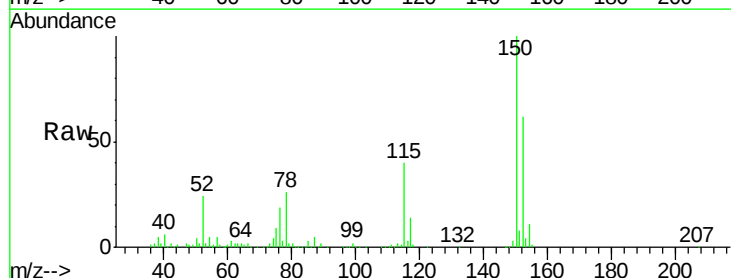


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

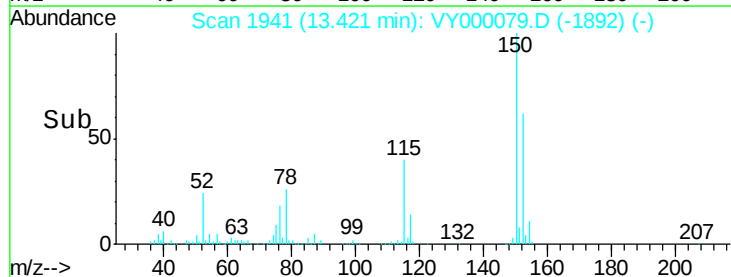
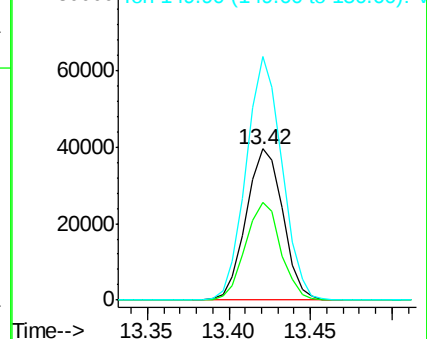


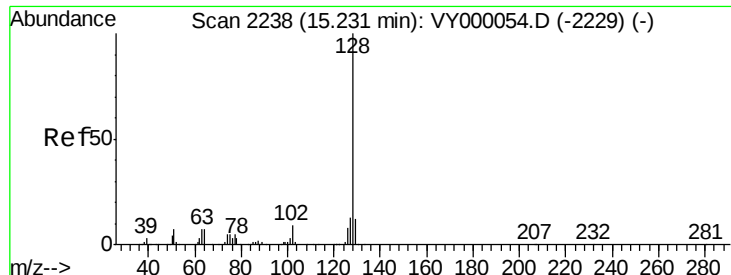
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion:152 Resp: 62265
Ion Ratio Lower Upper
152 100
115 62.0 30.7 92.1
150 157.0 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





#95

Naphthalene

Concen: 13.179 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VY000079.D

Acq: 19 Sep 2019 15:56

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-7-4

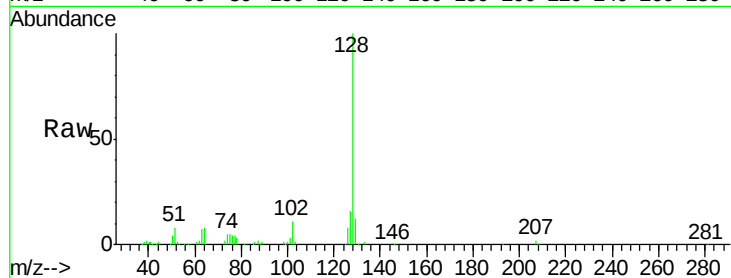
Tot Ion:128 Resp: 44086

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.8 9.2 13.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

