

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000277.D
 Acq On : 11 Oct 2019 17:48
 Operator : SY/MD
 Sample : K5266-03
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20190845-D-2

Quant Time: Oct 14 08:24:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

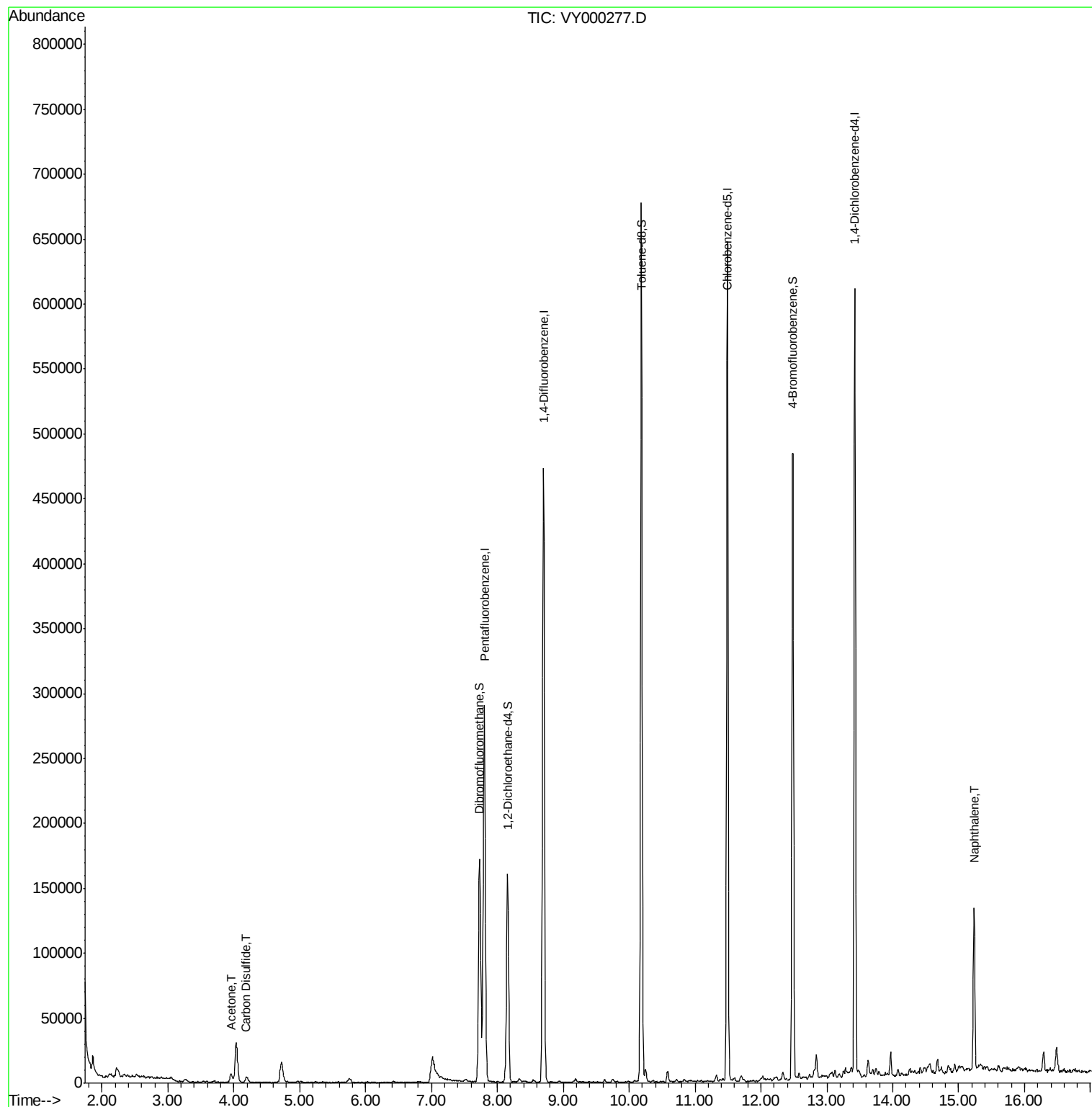
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	221459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	405298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	341065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	148793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	124707	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	7.73	113	118237	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	10.18	98	446355	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.48	95	147809	41.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.74%	
Target Compounds						
16) Acetone	3.96	43	11269	14.896	ug/l	99
17) Carbon Disulfide	4.19	76	8096	1.150	ug/l	99
95) Naphthalene	15.23	128	98666	13.795	ug/l	99

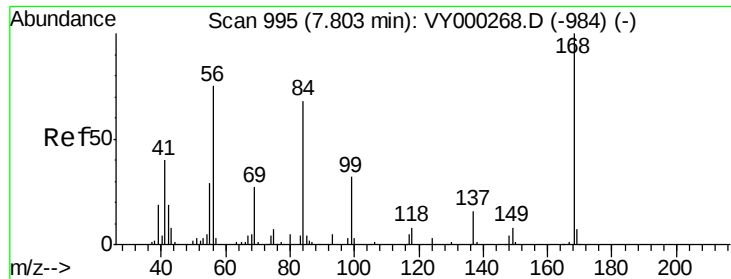
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000277.D

Acq: 11 Oct 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

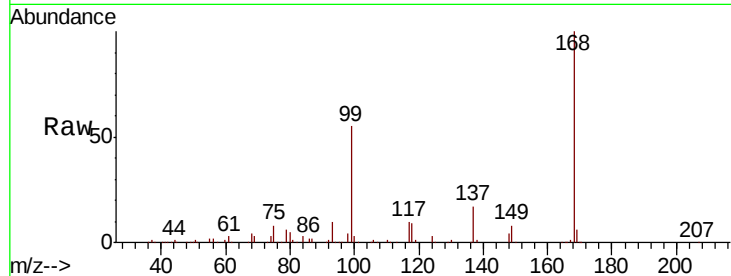
20190845-D-2

Tot Ion:168 Resp: 221459

Ion Ratio Lower Upper

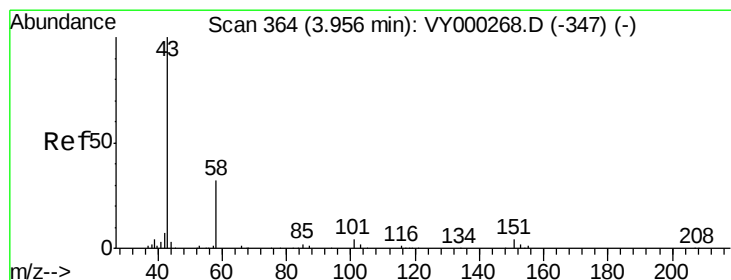
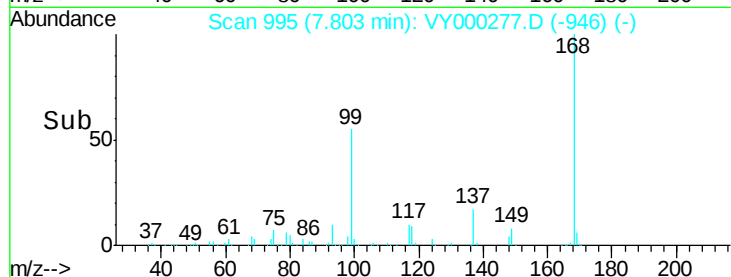
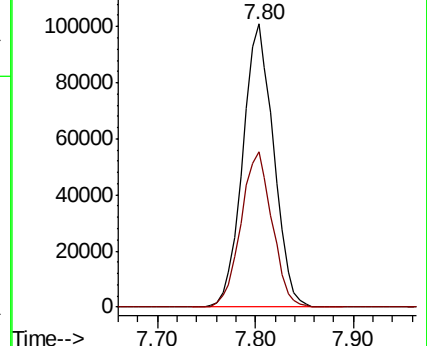
168 100

99 54.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)



#16

Acetone

Concen: 14.896 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000277.D

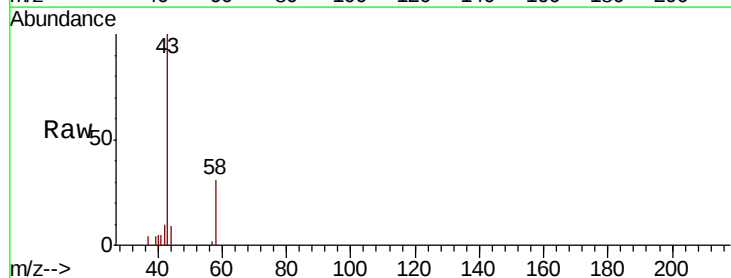
Acq: 11 Oct 2019 17:48

Tgt Ion: 43 Resp: 11269

Ion Ratio Lower Upper

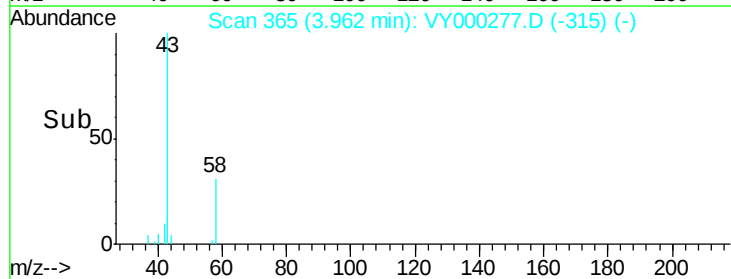
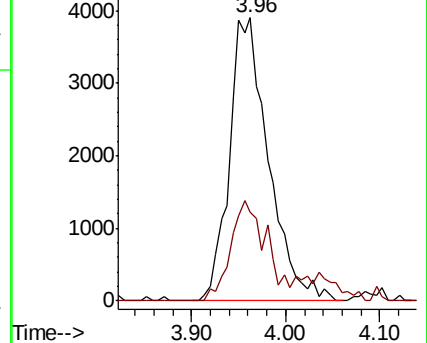
43 100

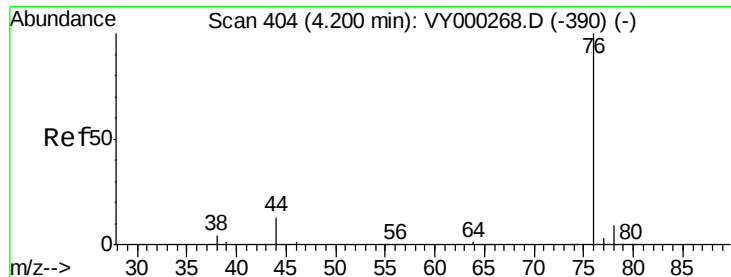
58 31.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000268.D (-347) (-)





#17

Carbon Disulfide

Concen: 1.150 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000277.D

Acq: 11 Oct 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

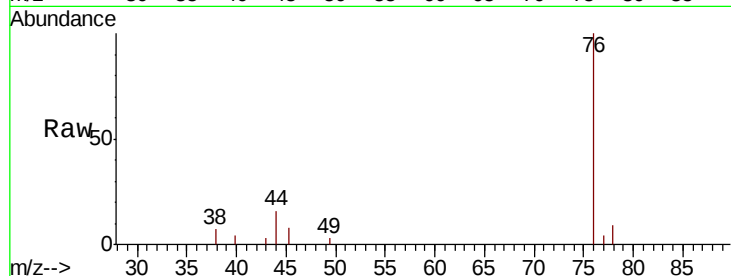
20190845-D-2

Tot Ion: 76 Resp: 8096

Ion Ratio Lower Upper

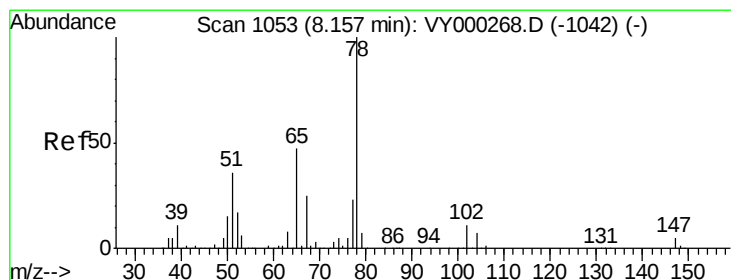
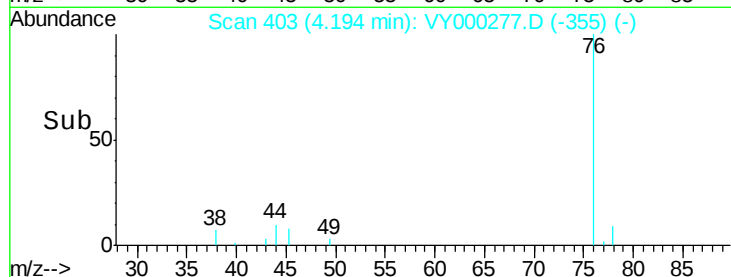
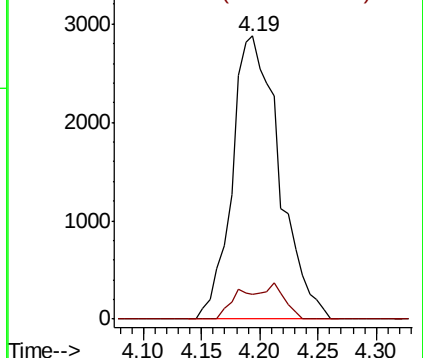
76 100

78 9.0 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 53.384 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000277.D

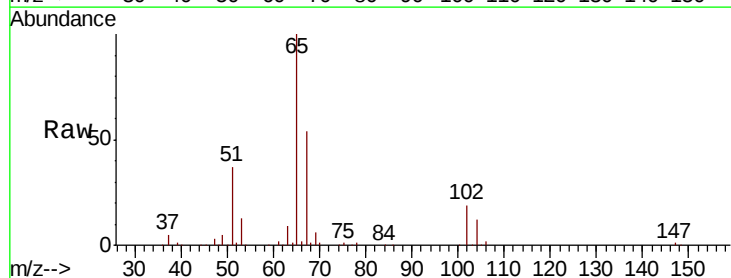
Acq: 11 Oct 2019 17:48

Tgt Ion: 65 Resp: 124707

Ion Ratio Lower Upper

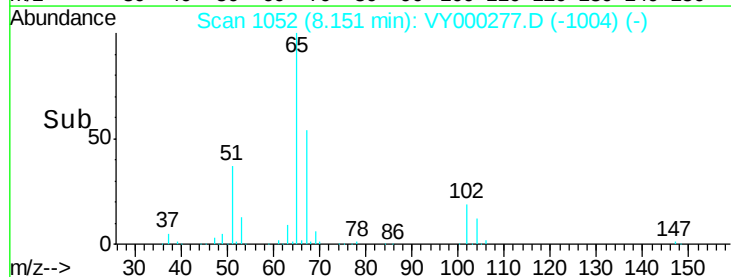
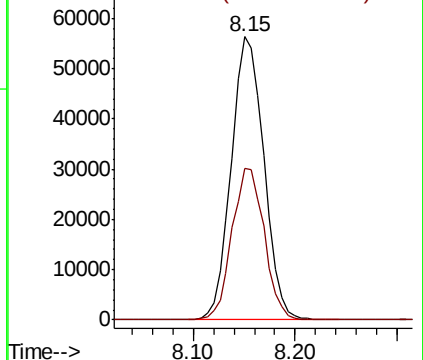
65 100

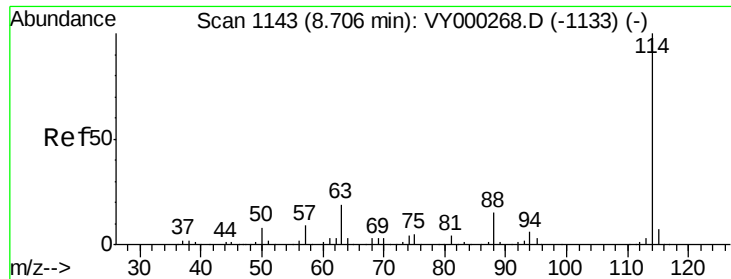
67 53.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

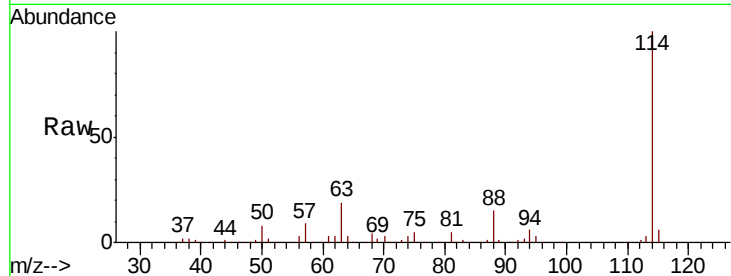




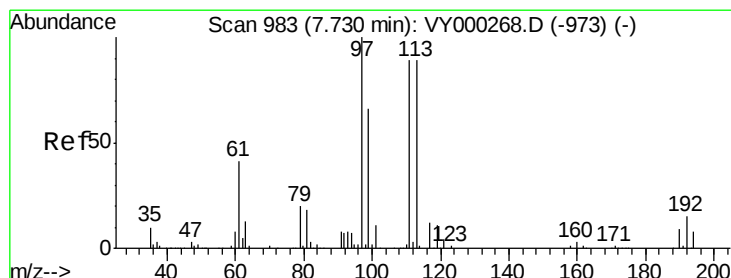
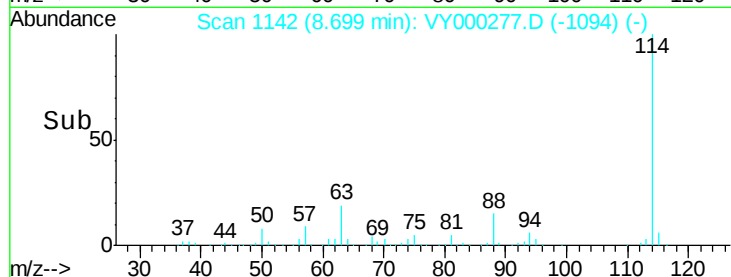
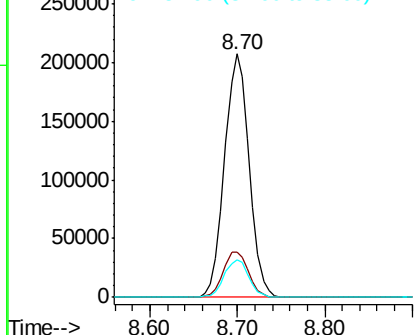
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000277.D
Acq: 11 Oct 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
20190845-D-2

Tot Ion:114 Resp: 405298
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.2
88 15.2 0.0 30.2

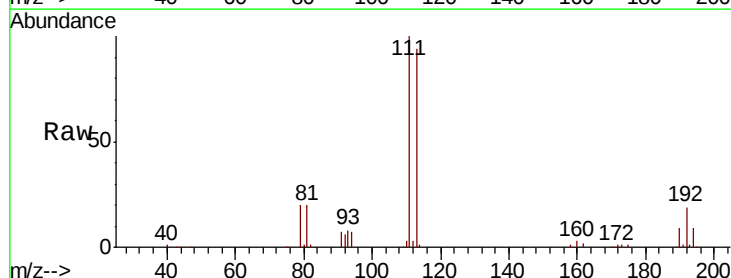


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

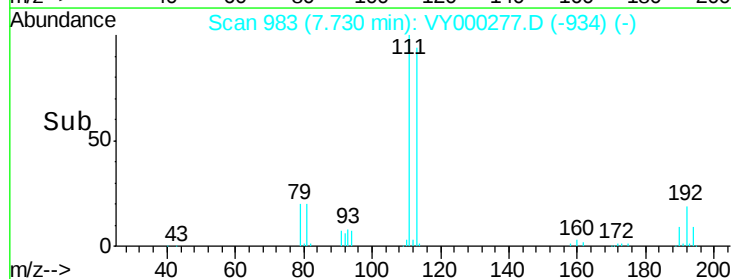
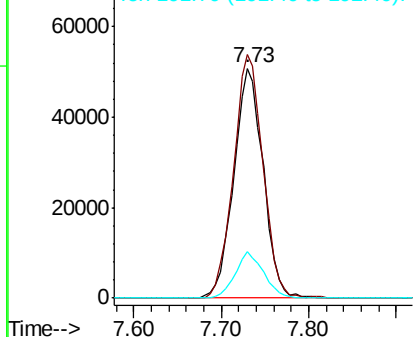


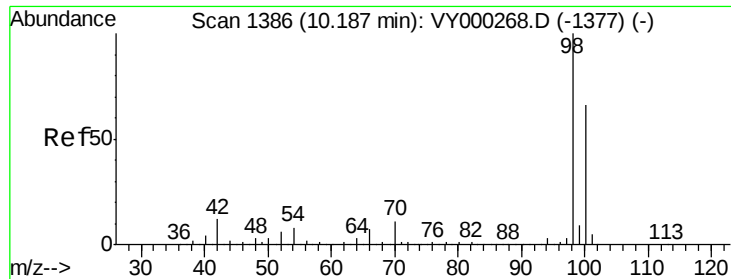
#35
Dibromofluoromethane
Concen: 48.363 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000277.D
Acq: 11 Oct 2019 17:48

Tgt Ion:113 Resp: 118237
Ion Ratio Lower Upper
113 100
111 105.9 81.6 122.4
192 19.4 15.3 22.9



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: 47.462 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000277.D

Acq: 11 Oct 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

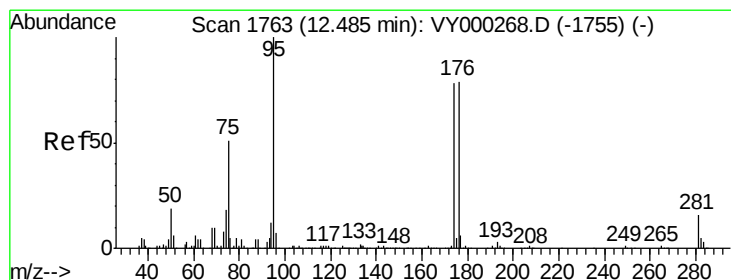
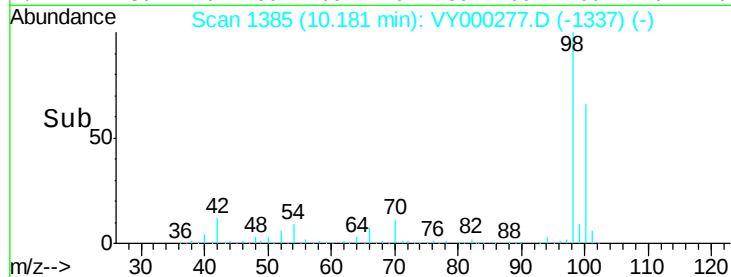
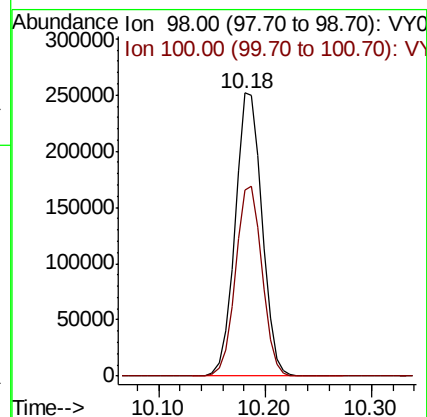
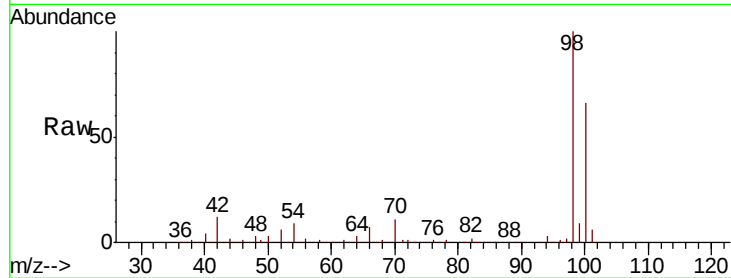
20190845-D-2

Tot Ion: 98 Resp: 446355

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 41.370 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000277.D

Acq: 11 Oct 2019 17:48

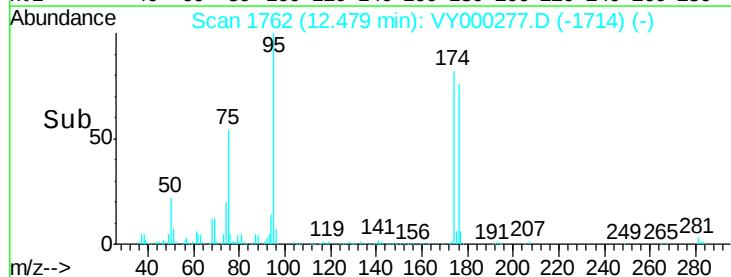
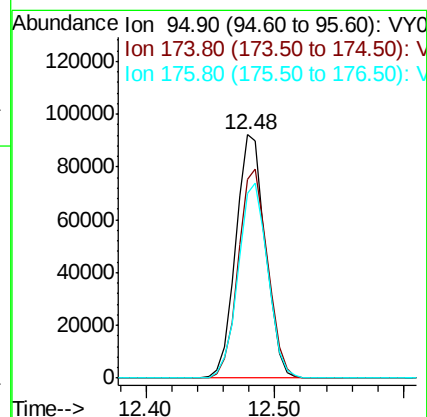
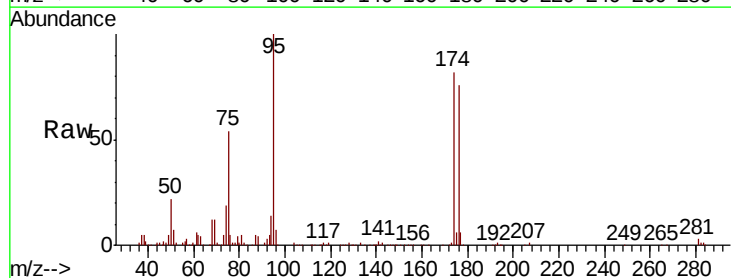
Tgt Ion: 95 Resp: 147809

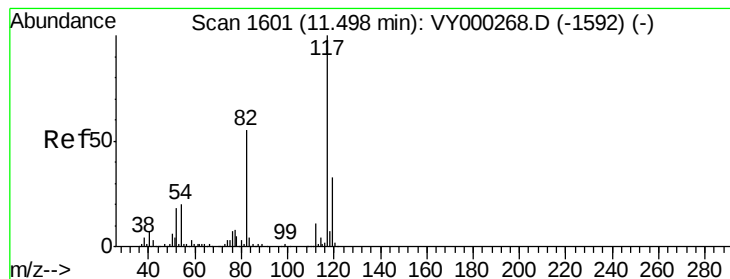
Ion Ratio Lower Upper

95 100

174 84.6 0.0 159.6

176 79.3 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY000277.D

Acq: 11 Oct 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

20190845-D-2

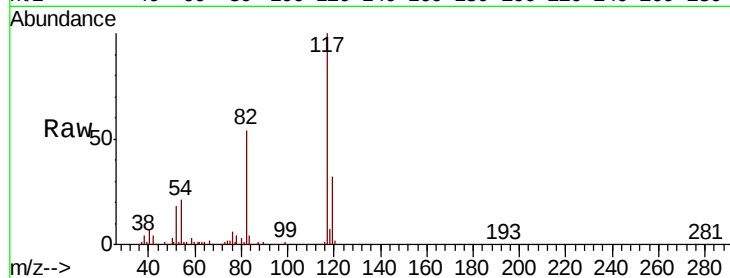
Tot Ion:117 Resp: 341065

Ion Ratio Lower Upper

117 100

82 53.7 43.7 65.5

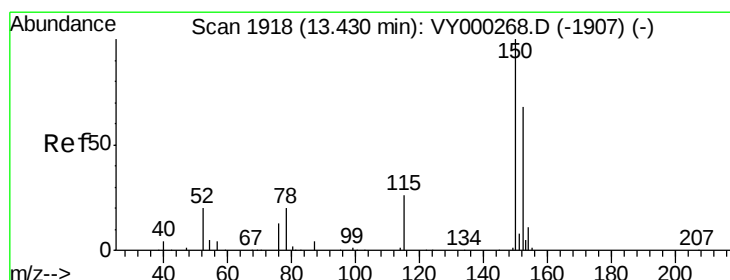
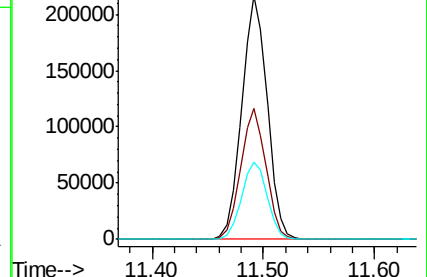
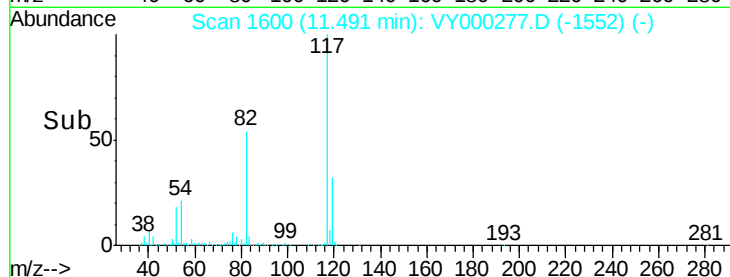
119 31.5 26.6 39.8



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# 1917

Delta R.T. -0.01 min

Lab File: VY000277.D

Acq: 11 Oct 2019 17:48

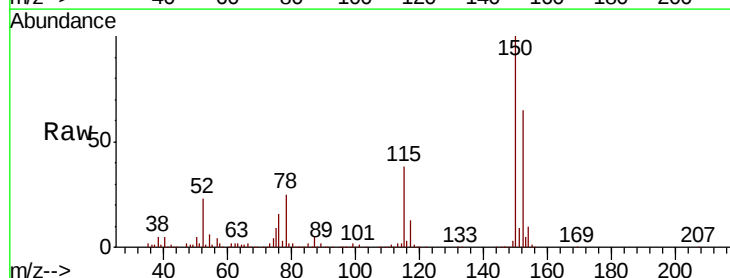
Tgt Ion:152 Resp: 148793

Ion Ratio Lower Upper

152 100

115 57.8 29.3 88.0

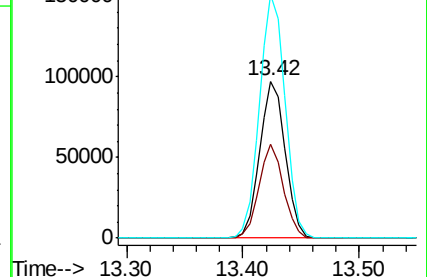
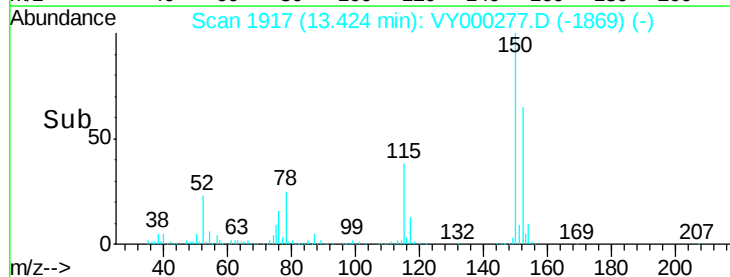
150 156.0 0.0 348.4

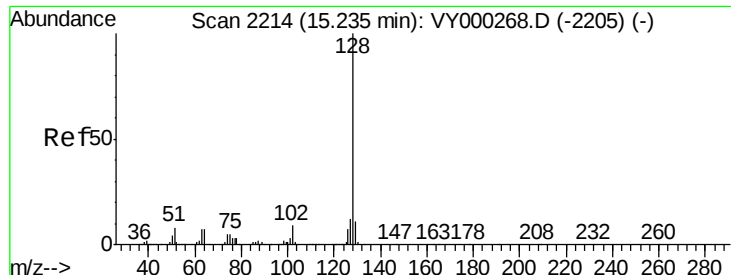


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

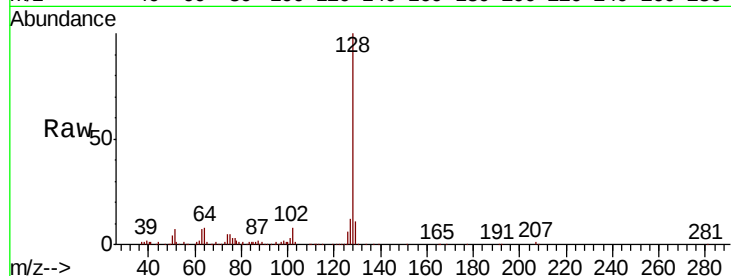




#95
Naphthalene
Concen: 13.795 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000277.D
Acq: 11 Oct 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
20190845-D-2

Tot Ion:128 Resp: 98666
Ion Ratio Lower Upper
128 100
127 12.5 9.6 14.4
129 10.8 8.7 13.1



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

