

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001818.D
 Acq On : 02 Mar 2020 14:20
 Operator : SY/MD
 Sample : L1743-11
 Misc : 8.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-5

Quant Time: Mar 12 11:52:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

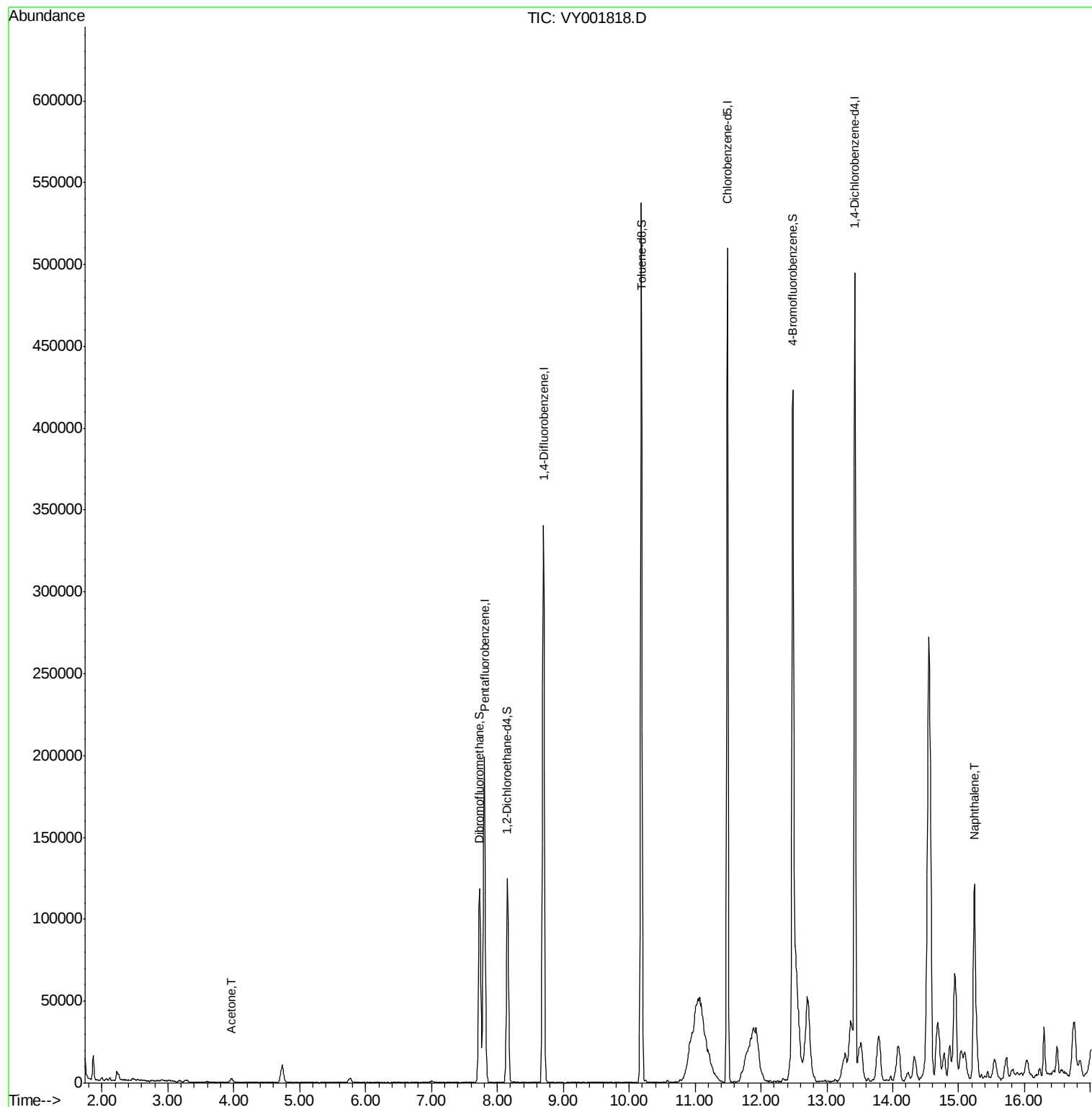
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	149320	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	290513	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	266357	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	117694	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	92330	57.49	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.98%	
35) Dibromofluoromethane	7.73	113	85928	51.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.28%	
50) Toluene-d8	10.18	98	350518	53.77	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.49	95	122602	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
16) Acetone	3.96	43	4675	8.412	ug/l	93
95) Naphthalene	15.23	128	52356	9.850	ug/l #	96

(#) = 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: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001818.D

Acq: 02 Mar 2020 14:20

Instrument :

MSVOA_Y

ClientSampled :

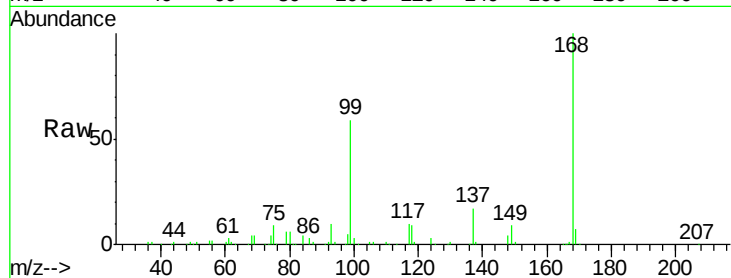
G-5

Tot Ion:168 Resp: 149320

Ion Ratio Lower Upper

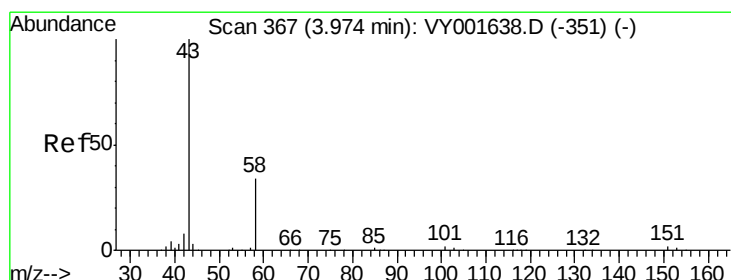
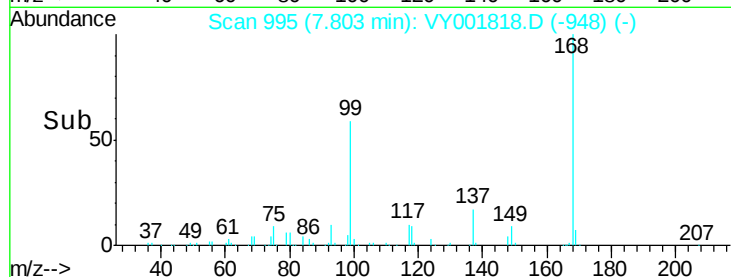
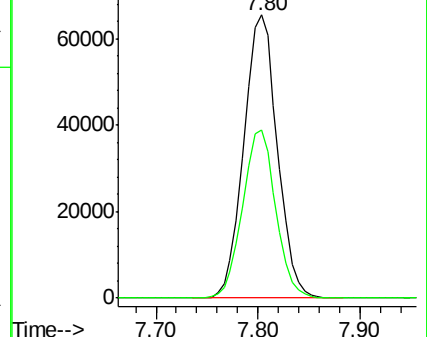
168 100

99 59.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001818.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001818.D (-948) (-)



#16

Acetone

Concen: 8.412 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY001818.D

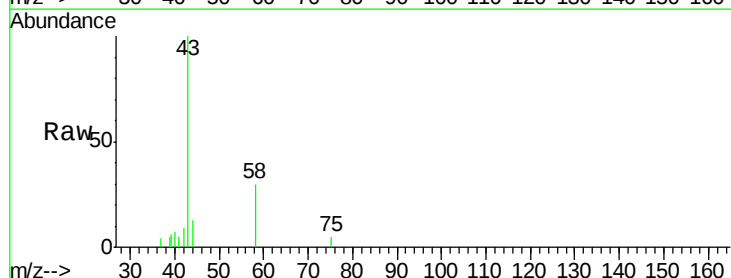
Acq: 02 Mar 2020 14:20

Tgt Ion: 43 Resp: 4675

Ion Ratio Lower Upper

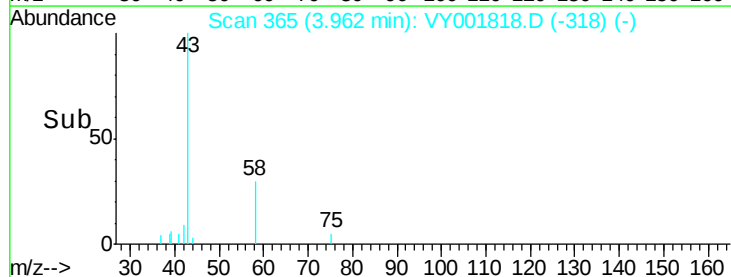
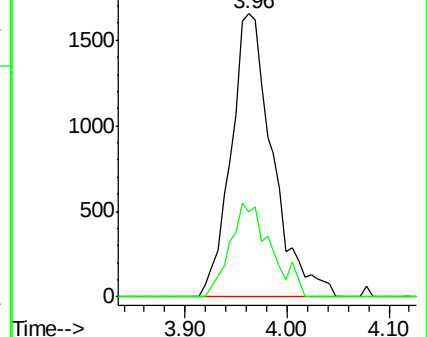
43 100

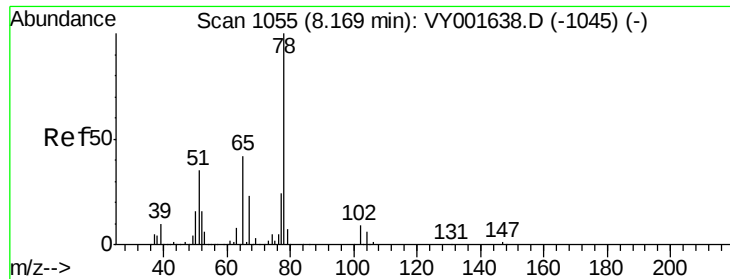
58 29.8 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001818.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001818.D (-318) (-)





#33

1,2-Dichloroethane-d4

Concen: 57.485 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001818.D

Acq: 02 Mar 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

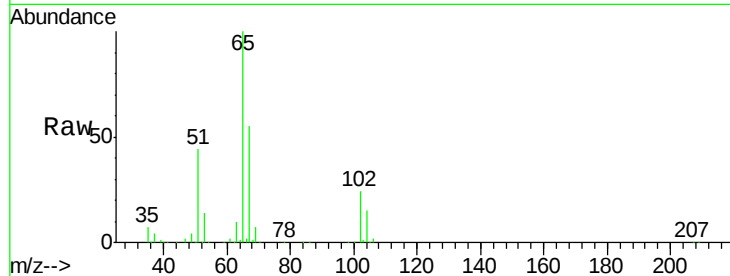
G-5

Tot Ion: 65 Resp: 92330

Ion Ratio Lower Upper

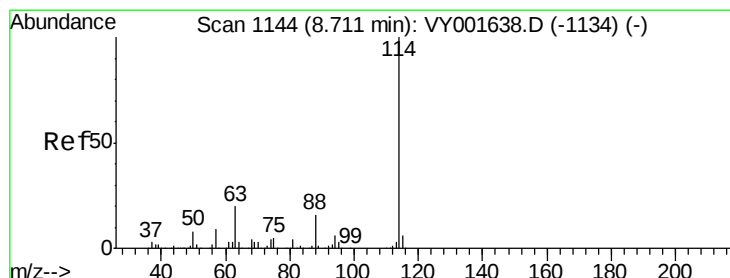
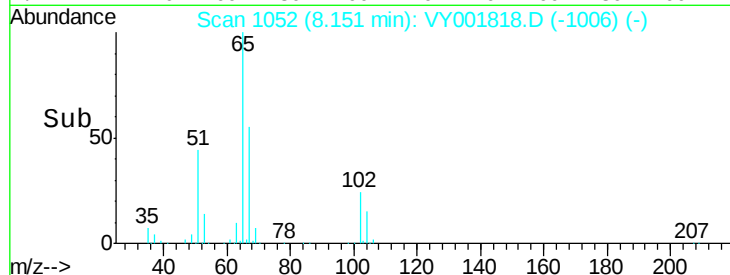
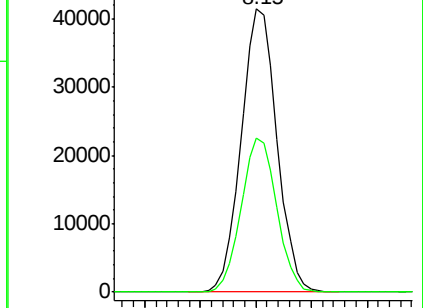
65 100

67 54.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001818.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001818.D (-1045) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001818.D

Acq: 02 Mar 2020 14:20

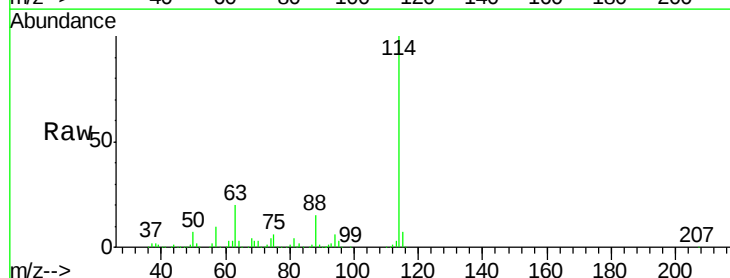
Tgt Ion: 114 Resp: 290513

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

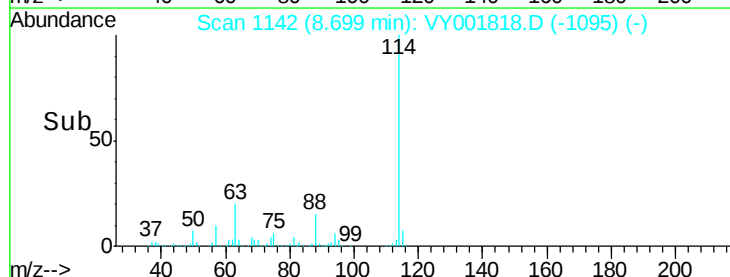
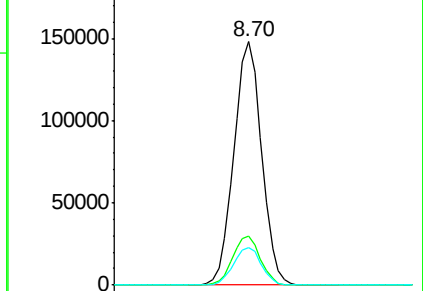
88 15.4 0.0 32.8

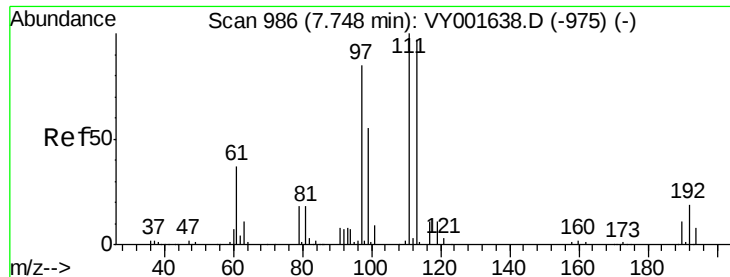


Abundance Ion 113.90 (113.60 to 114.60): VY001818.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001818.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001818.D (-1095) (-)

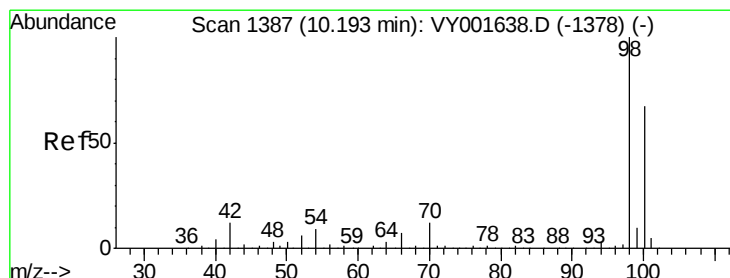
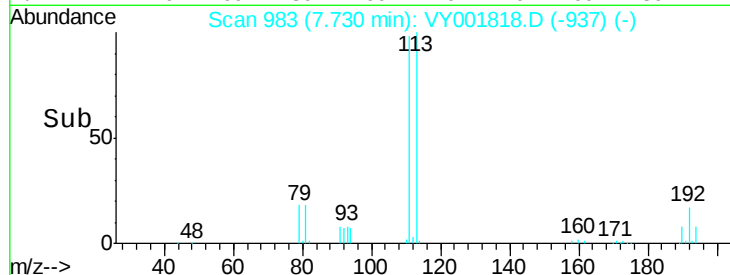
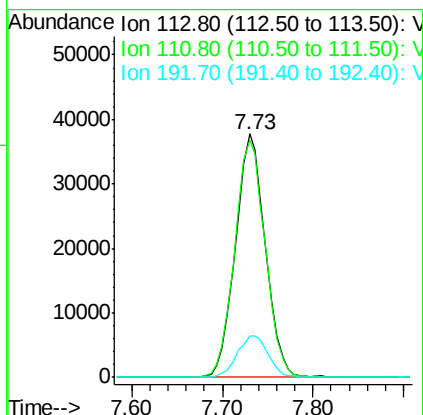
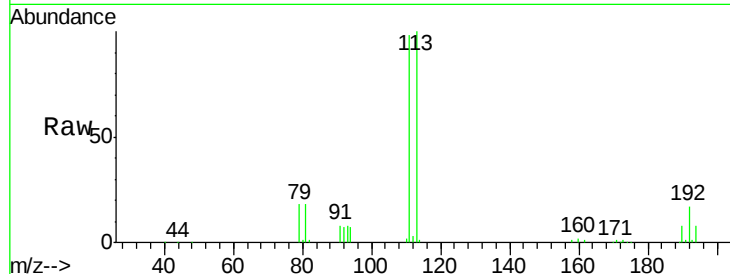




#35
 Dibromofluoromethane
 Concen: 51.642 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001818.D
 Acq: 02 Mar 2020 14:20

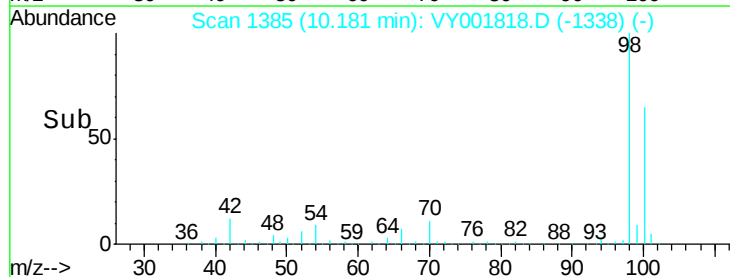
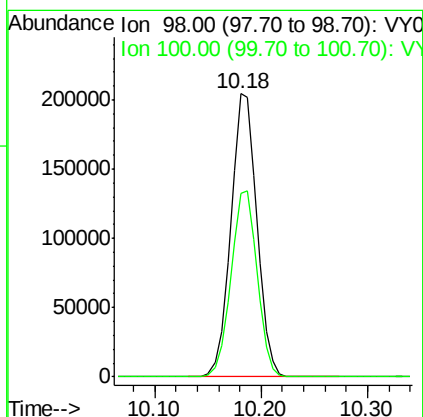
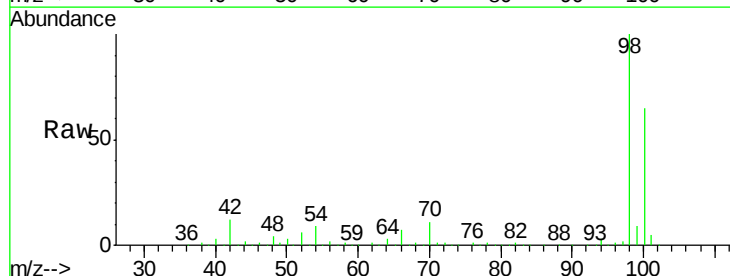
Instrument :
 MSVOA_Y
 ClientSampleId :
 G-5

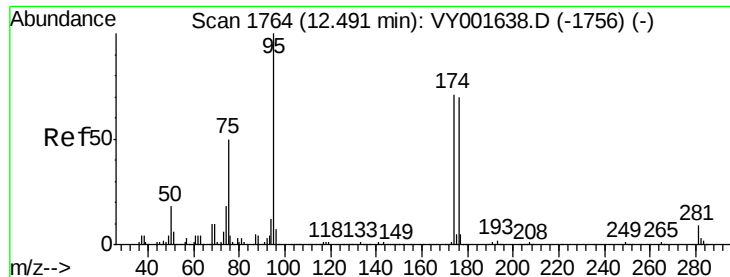
Tot Ion:113 Resp: 85928
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.9 122.9
 192 17.7 14.3 21.5



#50
 Toluene-d8
 Concen: 53.771 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY001818.D
 Acq: 02 Mar 2020 14:20

Tgt Ion: 98 Resp: 350518
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.0 79.4

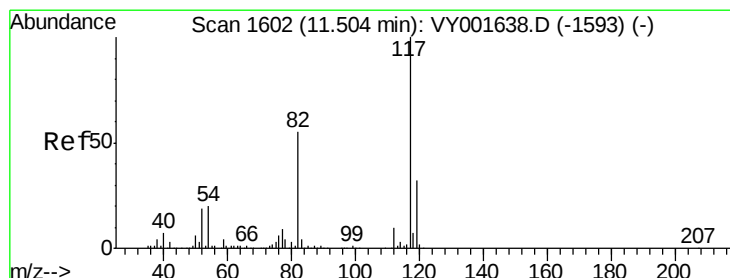
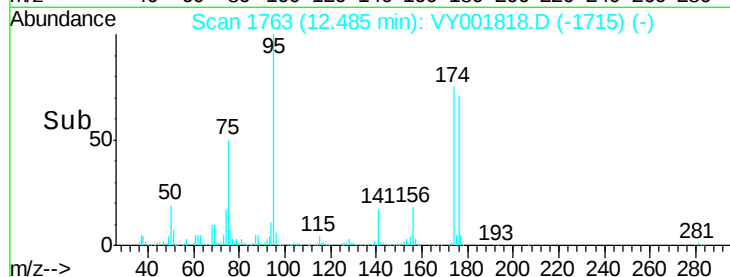
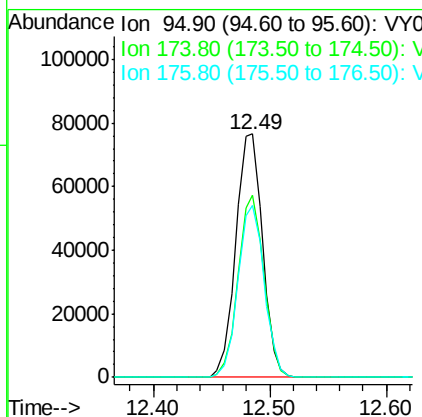
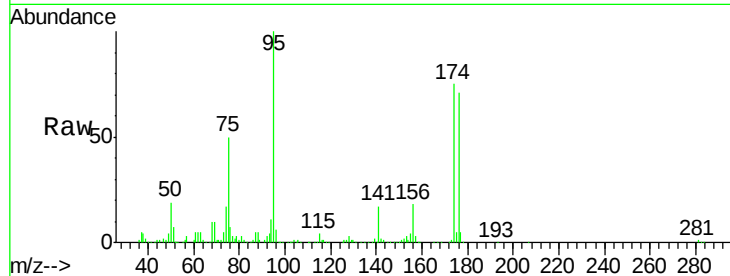




#62
4-Bromofluorobenzene
Concen: 48.412 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001818.D
Acq: 02 Mar 2020 14:20

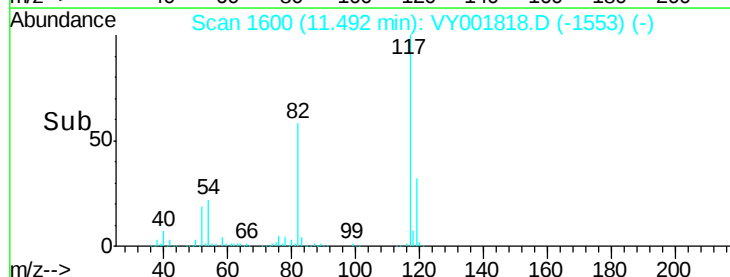
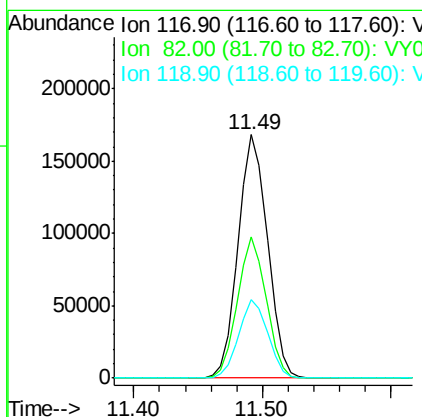
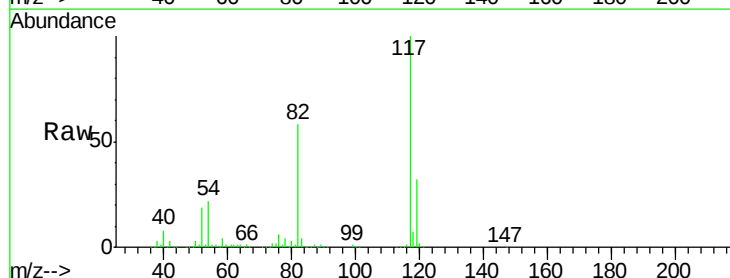
Instrument :
MSVOA_Y
ClientSampleId :
G-5

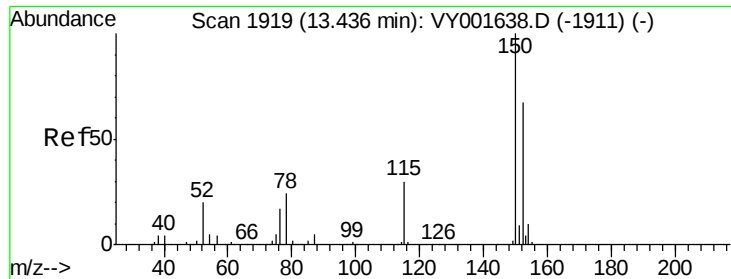
Tot Ion: 95 Resp: 122602
Ion Ratio Lower Upper
95 100
174 72.6 0.0 138.4
176 69.5 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001818.D
Acq: 02 Mar 2020 14:20

Tgt Ion: 117 Resp: 266357
Ion Ratio Lower Upper
117 100
82 57.9 45.5 68.3
119 32.1 25.8 38.6



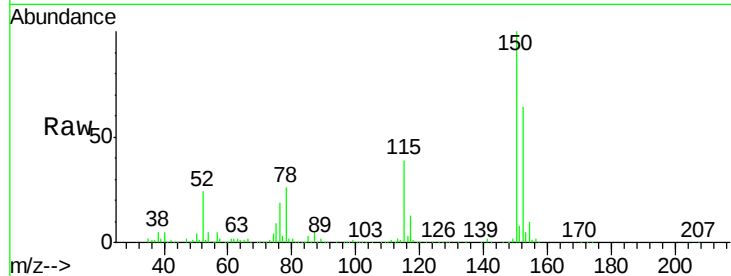


#72

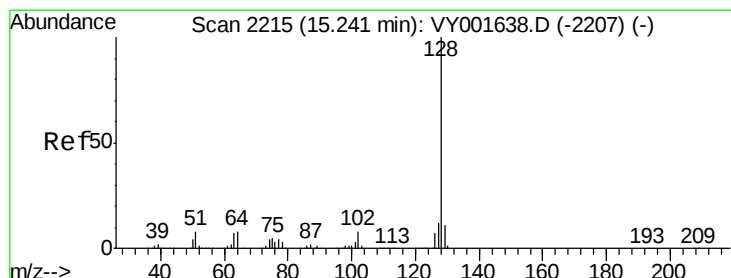
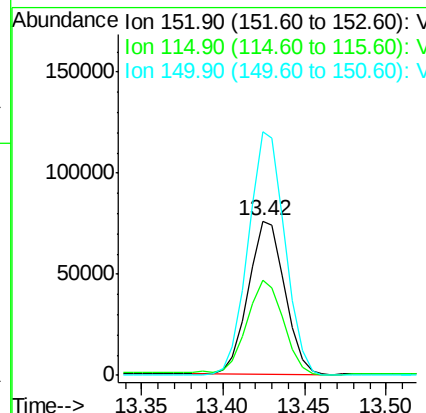
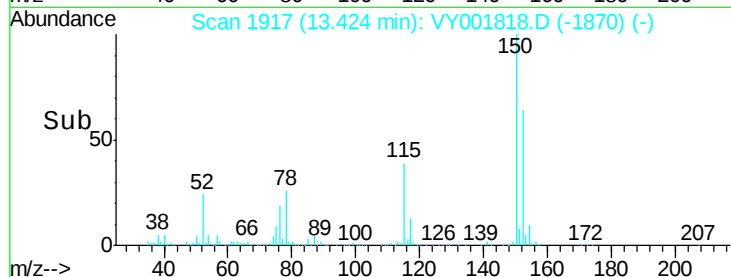
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001818.D
Acq: 02 Mar 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
G-5

Tot Ion:152 Resp: 117694
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 159.4 0.0 407.2



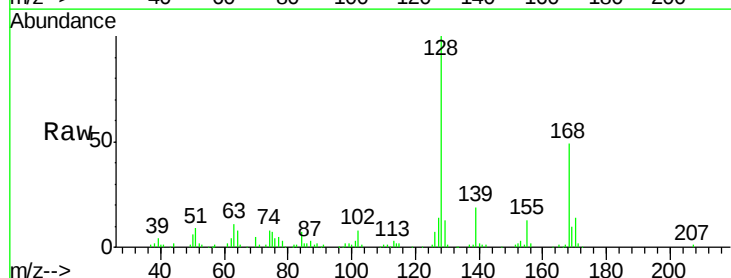
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 9.850 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001818.D
Acq: 02 Mar 2020 14:20

Tgt Ion:128 Resp: 52356
Ion Ratio Lower Upper
128 100
127 13.4 9.9 14.9
129 13.2 8.6 13.0#



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

