

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001718.D
 Acq On : 20 Feb 2020 12:59
 Operator : SY/MD
 Sample : L1601-01
 Misc : 4.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-2

Quant Time: Feb 21 08:20:38 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

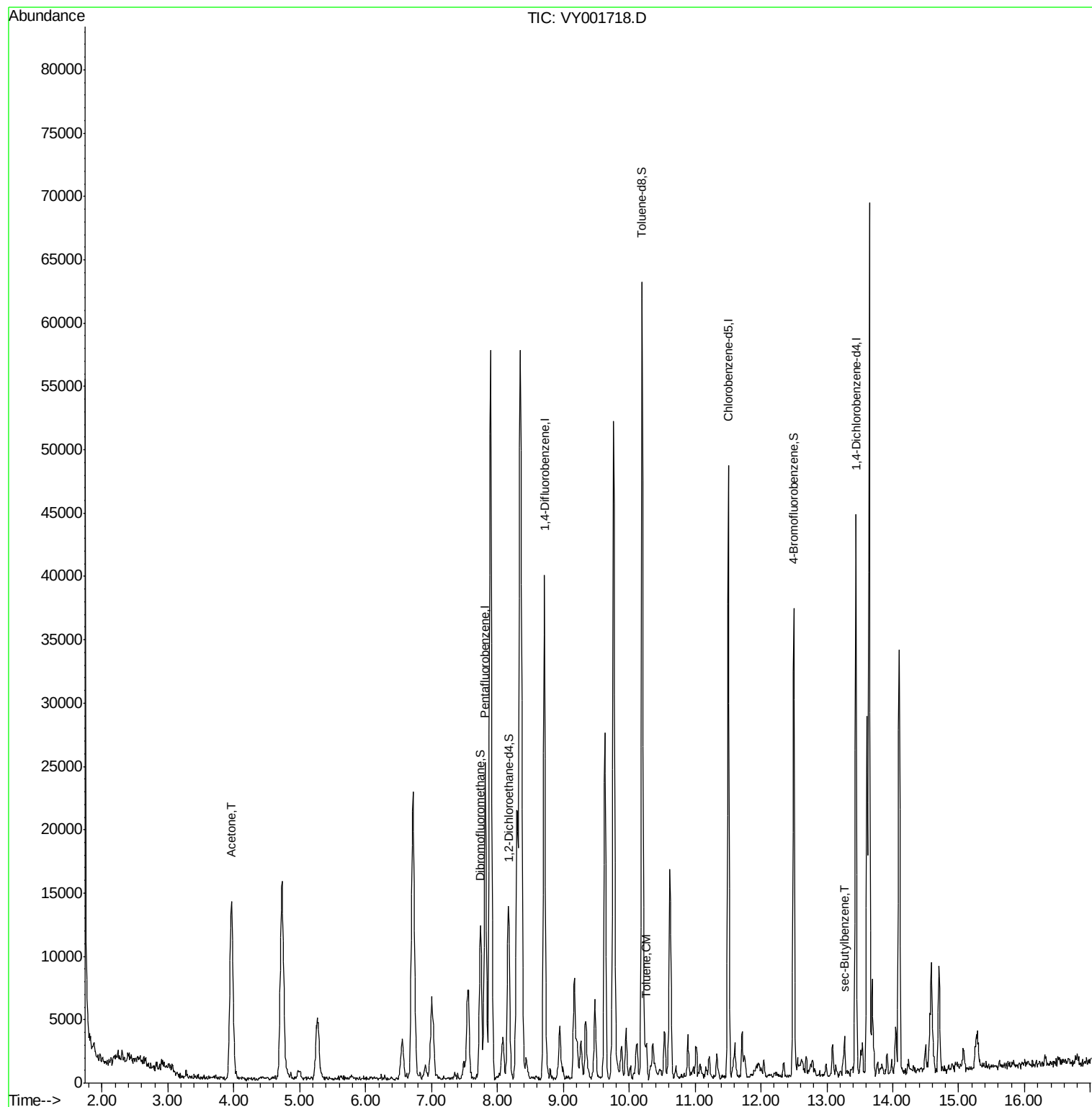
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	18329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	31842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	25347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	10266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	10055	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
35) Dibromofluoromethane	7.74	113	8565	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	10.19	98	37569	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.50	95	11300	40.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.42%	
Target Compounds						
16) Acetone	3.96	43	10488	153.743	ug/l #	59
52) Toluene	10.27	92	1224	2.194	ug/l	96
85) sec-Butylbenzene	13.27	105	1801	2.262	ug/l #	71

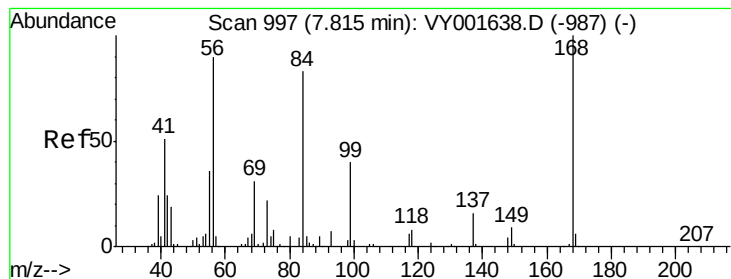
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001718.D

Acq: 20 Feb 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

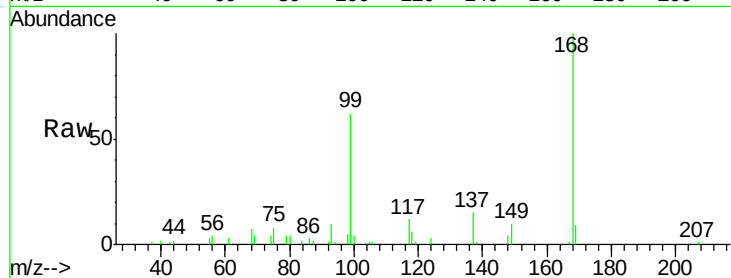
B-2

Tot Ion:168 Resp: 18329

Ion Ratio Lower Upper

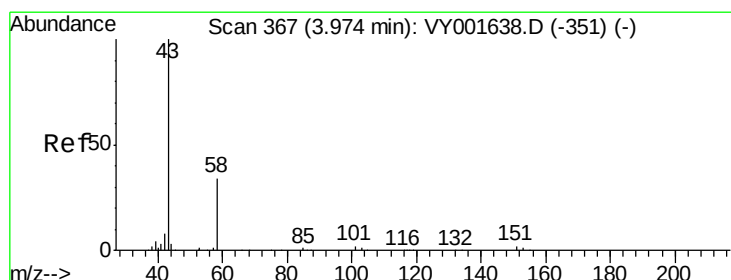
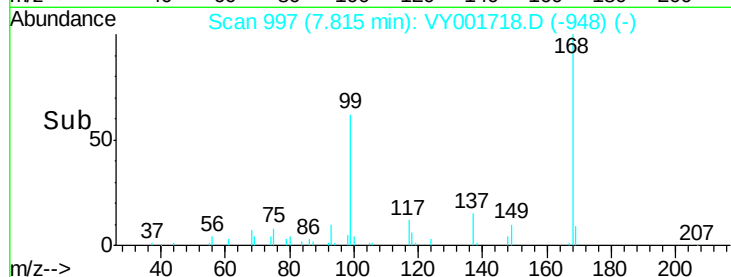
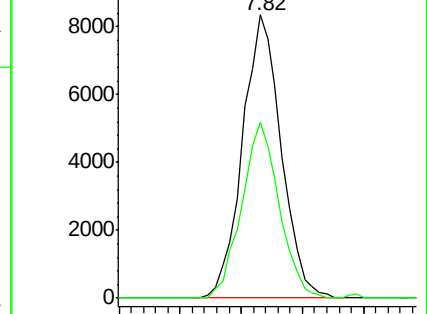
168 100

99 62.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001718.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001718.D (-948) (-)



#16

Acetone

Concen: 153.743 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY001718.D

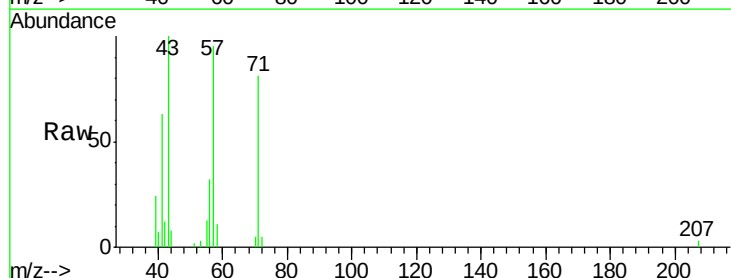
Acq: 20 Feb 2020 12:59

Tgt Ion: 43 Resp: 10488

Ion Ratio Lower Upper

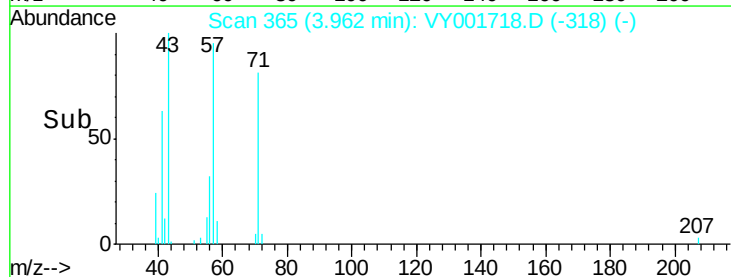
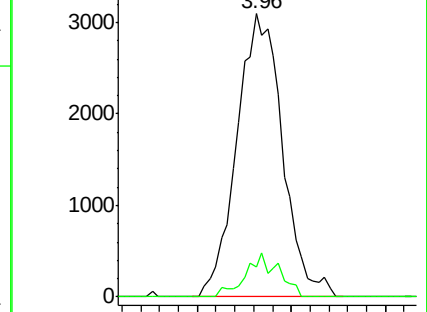
43 100

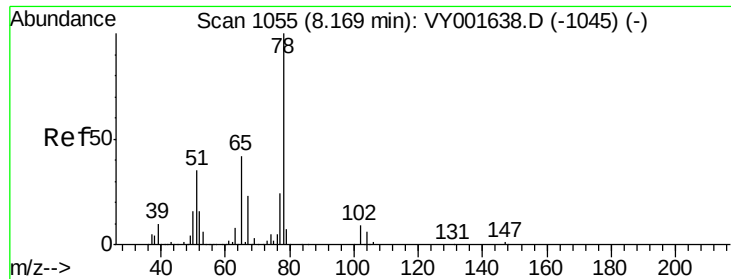
58 10.8 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001718.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001718.D (-318) (-)

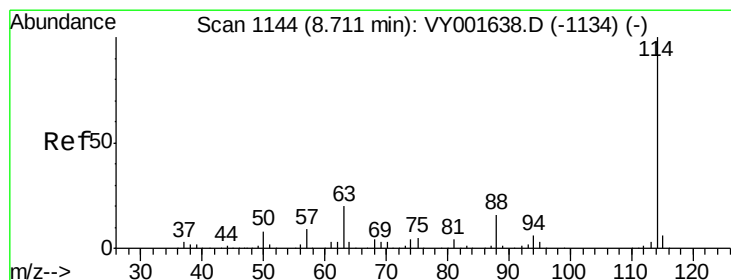
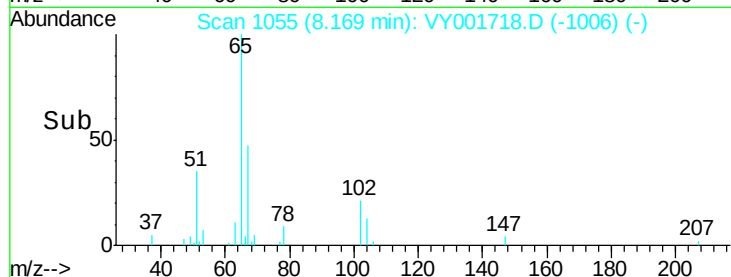
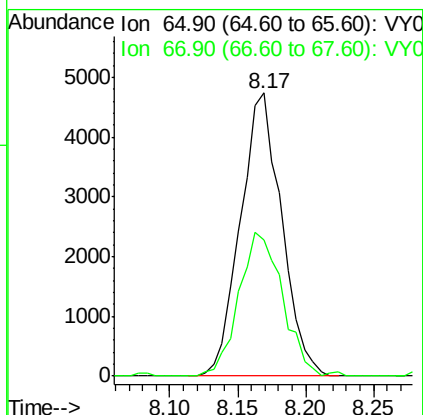
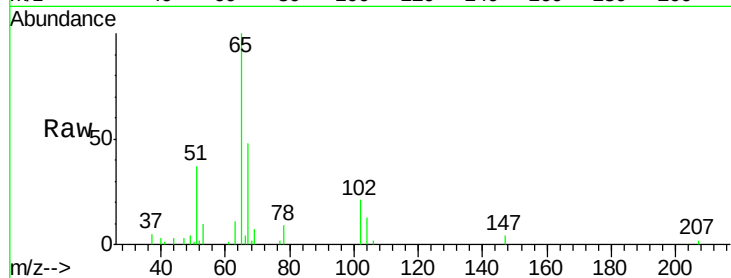




#33
 1,2-Dichloroethane-d4
 Concen: 51.001 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001718.D
 Acq: 20 Feb 2020 12:59

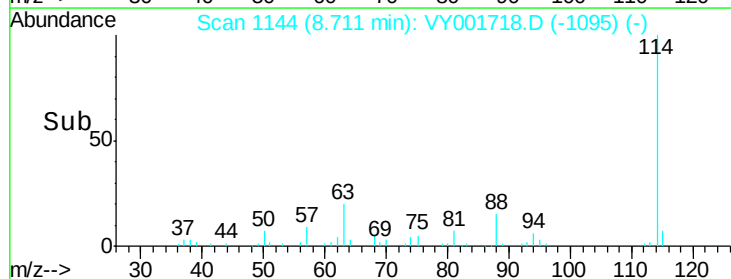
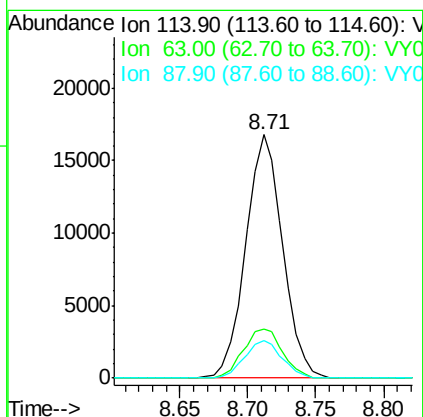
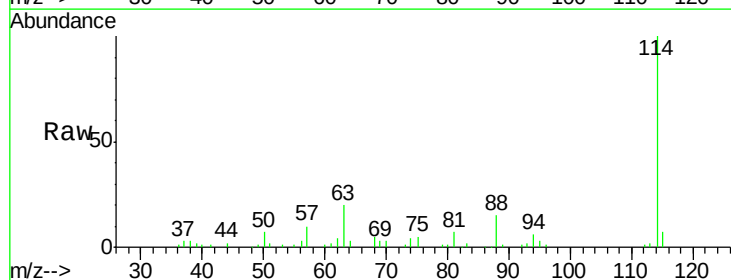
Instrument :
 MSVOA_Y
 ClientSampled :
 B-2

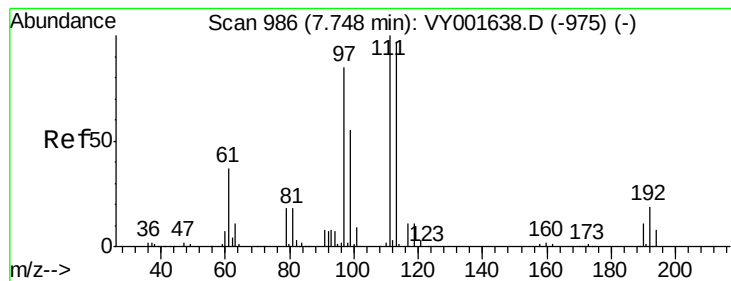
Tot Ion: 65 Resp: 10055
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001718.D
 Acq: 20 Feb 2020 12:59

Tgt Ion: 114 Resp: 31842
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.963 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001718.D

Acq: 20 Feb 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

B-2

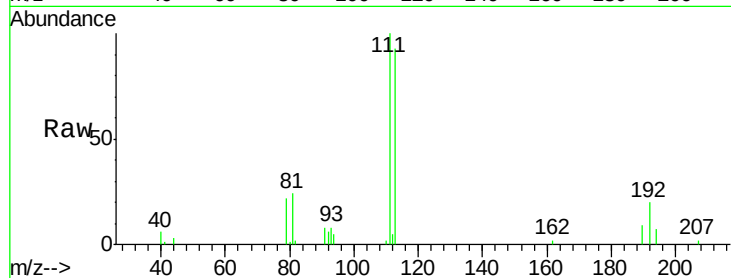
Tot Ion:113 Resp: 8565

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

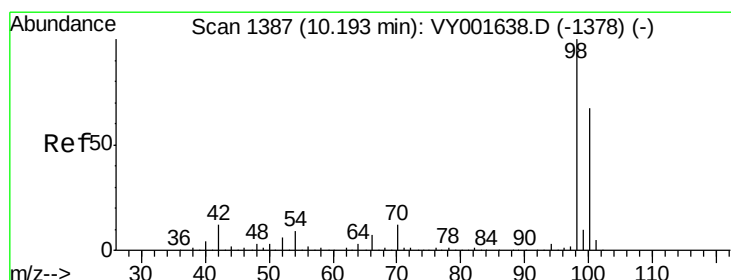
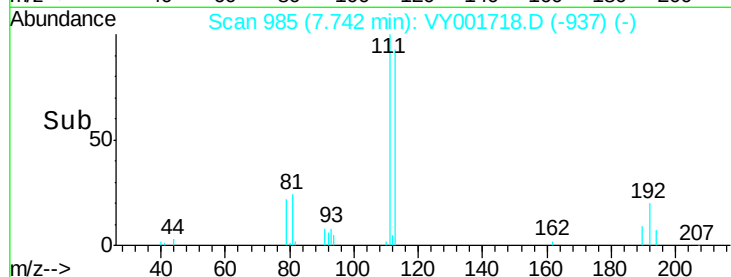
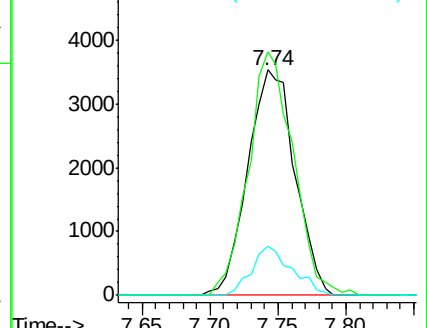
192 18.6 14.3 21.5



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: 52.581 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001718.D

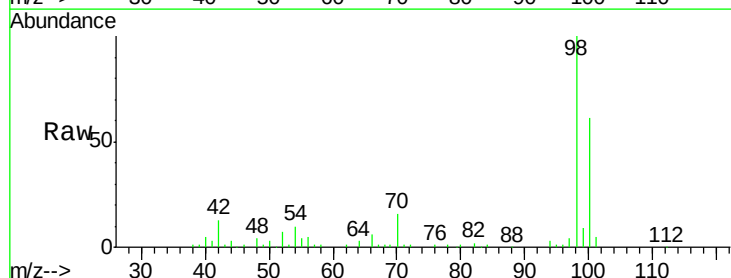
Acq: 20 Feb 2020 12:59

Tgt Ion: 98 Resp: 37569

Ion Ratio Lower Upper

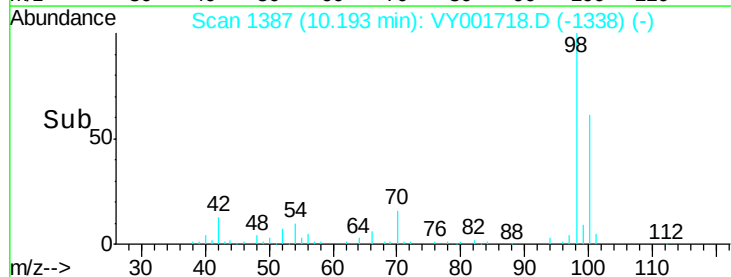
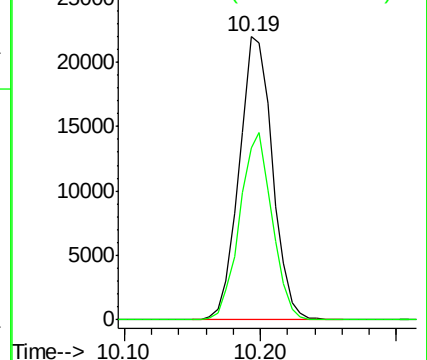
98 100

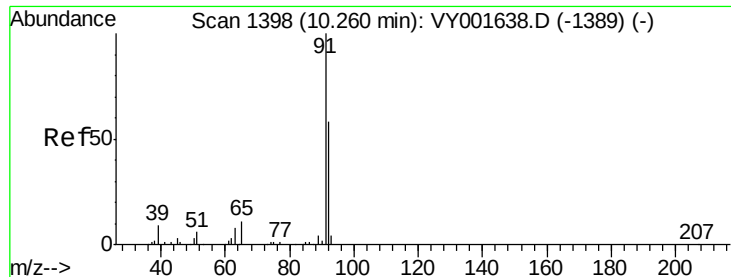
100 64.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 2.194 ug/l

RT: 10.27 min Scan# 1399

Delta R.T. 0.01 min

Lab File: VY001718.D

Acq: 20 Feb 2020 12:59

Instrument :

MSVOA_Y

ClientSampled :

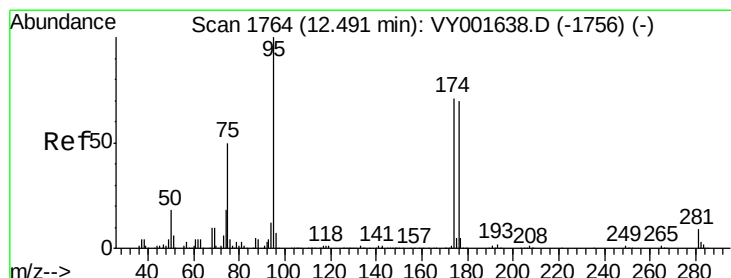
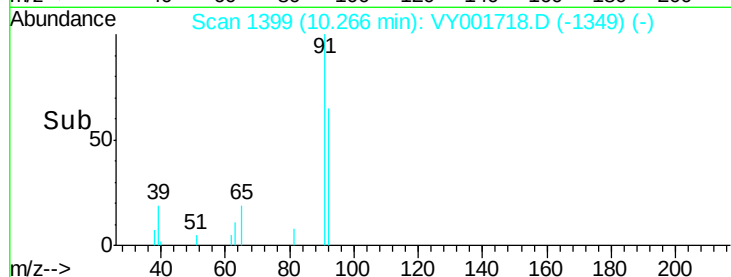
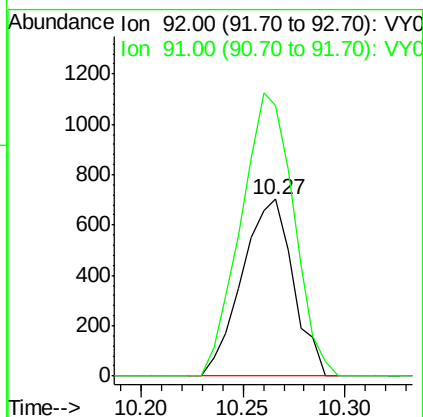
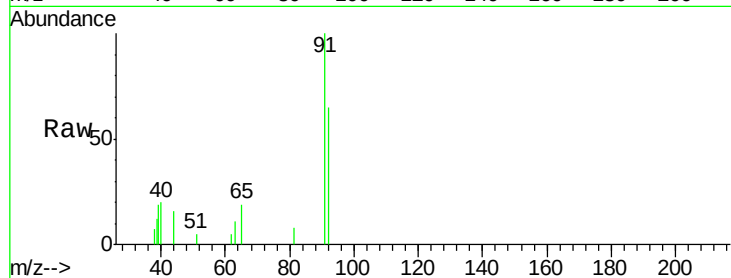
B-2

Tot Ion: 92 Resp: 1224

Ion Ratio Lower Upper

92 100

91 165.2 137.0 205.6



#62

4-Bromofluorobenzene

Concen: 40.710 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001718.D

Acq: 20 Feb 2020 12:59

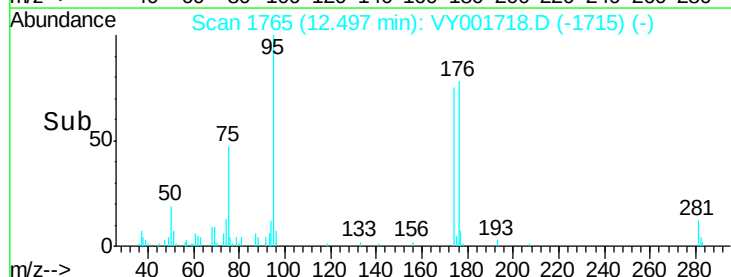
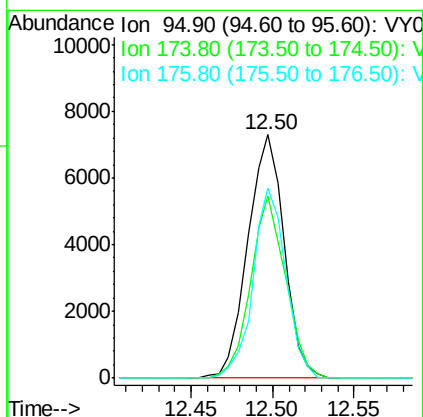
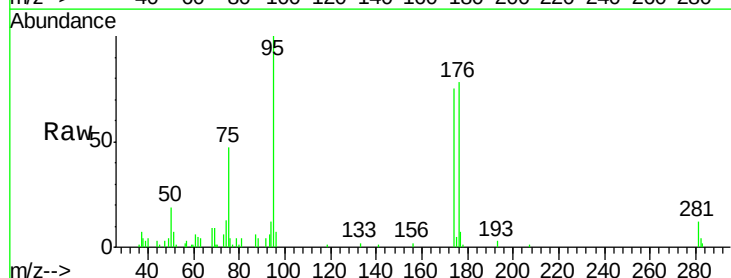
Tgt Ion: 95 Resp: 11300

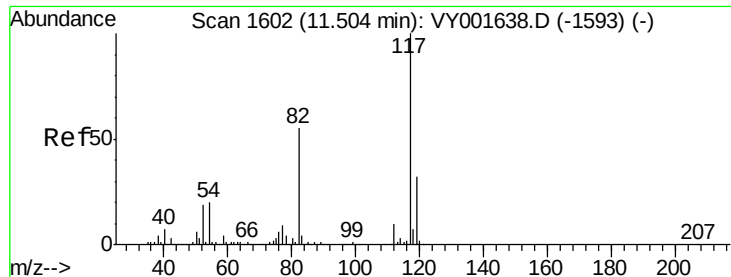
Ion Ratio Lower Upper

95 100

174 72.3 0.0 138.4

176 70.7 0.0 131.8

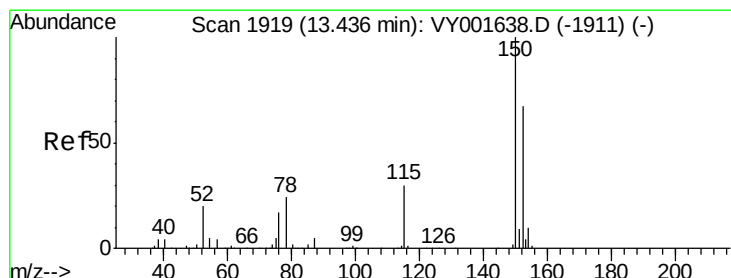
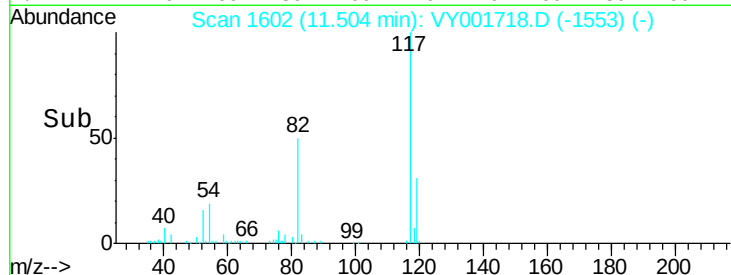
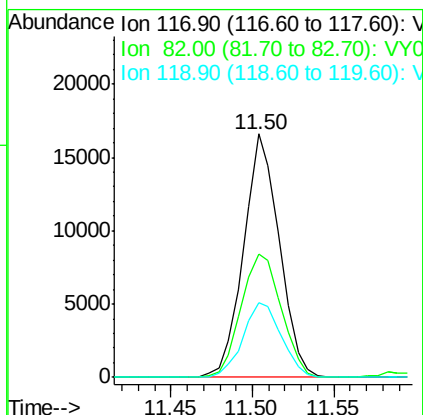
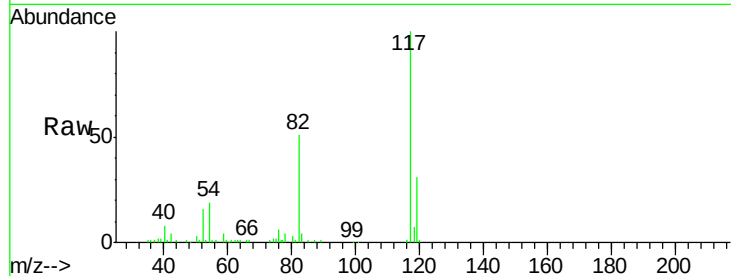




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001718.D
Acq: 20 Feb 2020 12:59

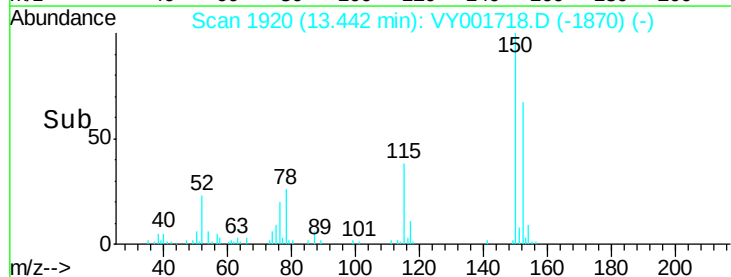
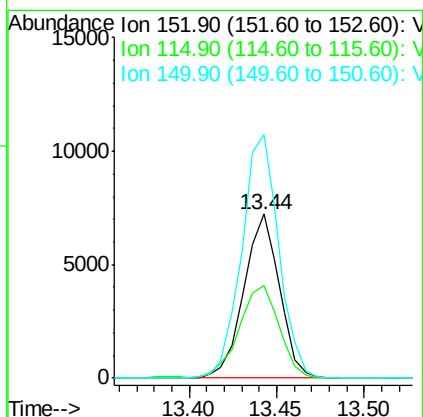
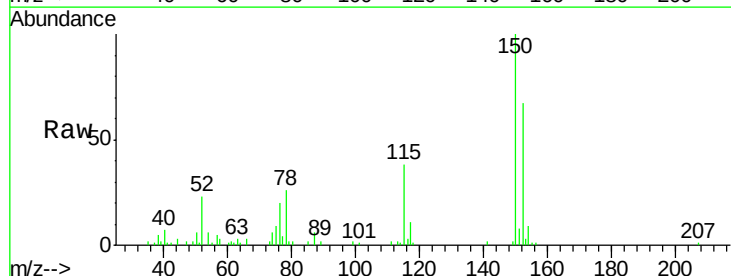
Instrument :
MSVOA_Y
ClientSampled :
B-2

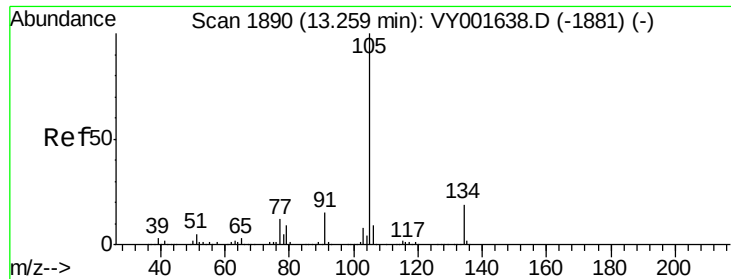
Tot Ion:117 Resp: 25347
Ion Ratio Lower Upper
117 100
82 50.5 45.5 68.3
119 30.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001718.D
Acq: 20 Feb 2020 12:59

Tgt Ion:152 Resp: 10266
Ion Ratio Lower Upper
152 100
115 63.7 31.4 94.2
150 154.5 0.0 407.2





#85

sec-Butylbenzene

Concen: 2.262 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001718.D

Acq: 20 Feb 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

B-2

Tot Ion:105 Resp: 1801

Ion Ratio Lower Upper

105 100

134 32.9 9.8 29.3#

