

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002149.D
 Acq On : 31 Mar 2020 21:12
 Operator : SY/MD
 Sample : L2089-05
 Misc : 8.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4I-(0-2)

Quant Time: Apr 01 06:52:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

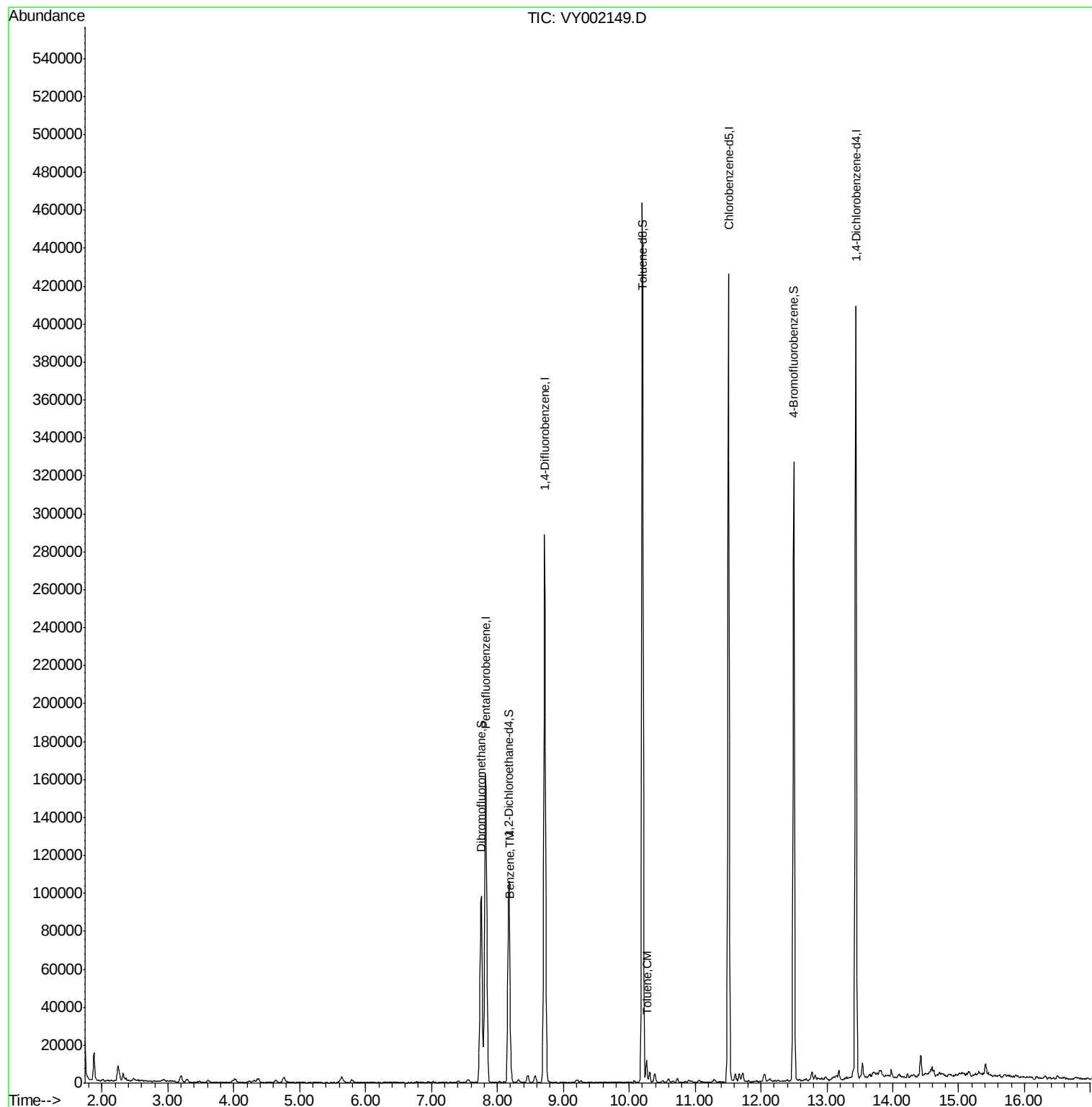
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	122234	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	242633	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	227962	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	100724	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	75296	55.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.44%	
35) Dibromofluoromethane	7.75	113	70762	52.05	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.10%	
50) Toluene-d8	10.20	98	297544	52.68	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.50	95	102785	52.04	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.08%	
Target Compounds						
40) Benzene	8.19	78	7152	1.052	ug/l	91
52) Toluene	10.27	92	4513	1.098	ug/l	98

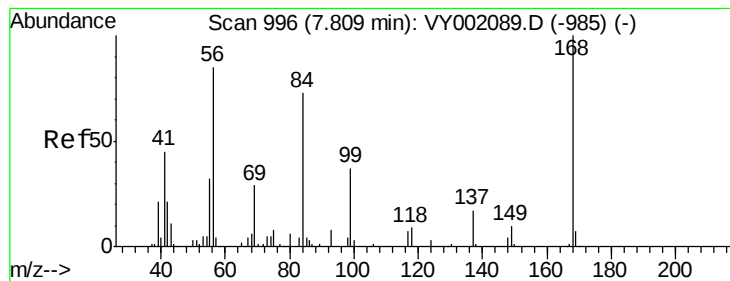
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002149.D

Acq: 31 Mar 2020 21:12

Instrument :

MSVOA_Y

ClientSampleId :

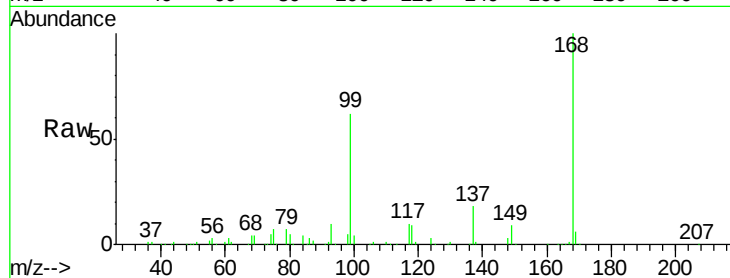
SB-4I-(0-2)

Tot Ion:168 Resp: 122234

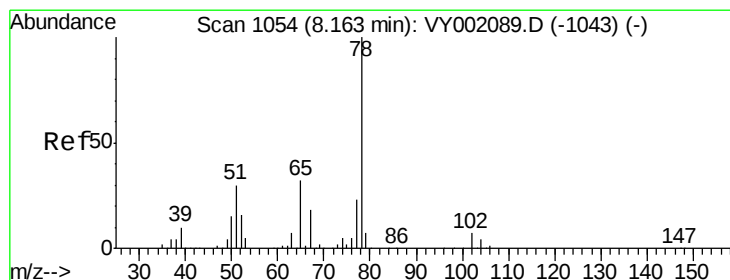
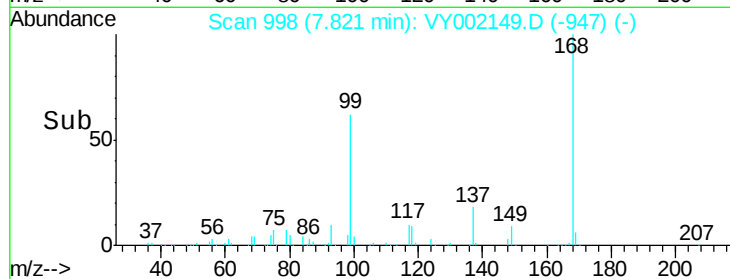
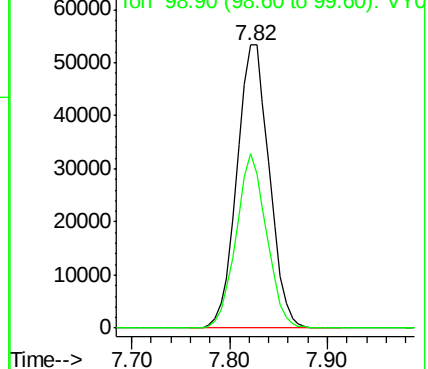
Ion Ratio Lower Upper

168 100

99 61.9 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002149.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.723 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY002149.D

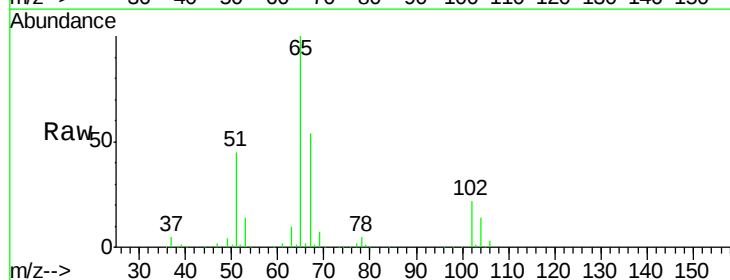
Acq: 31 Mar 2020 21:12

Tgt Ion: 65 Resp: 75296

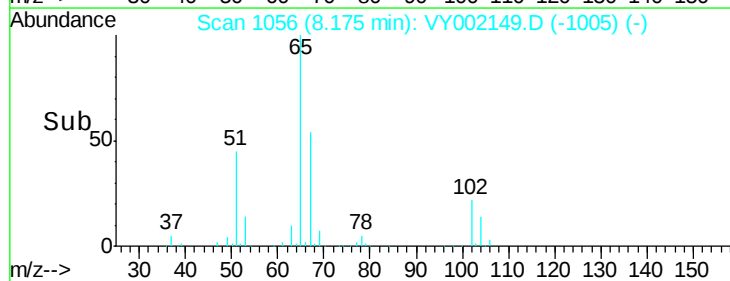
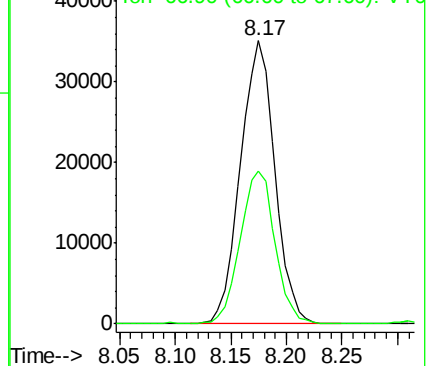
Ion Ratio Lower Upper

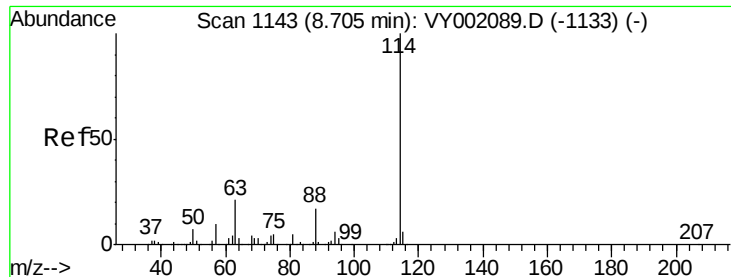
65 100

67 54.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002149.D (-1005) (-)

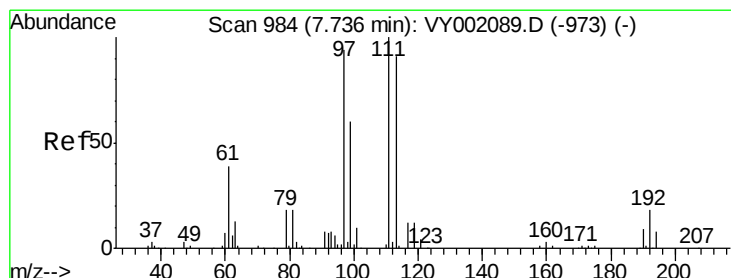
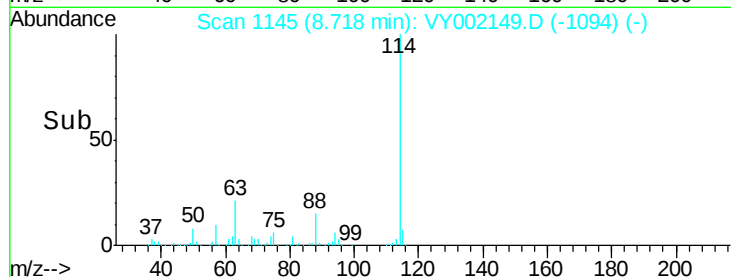
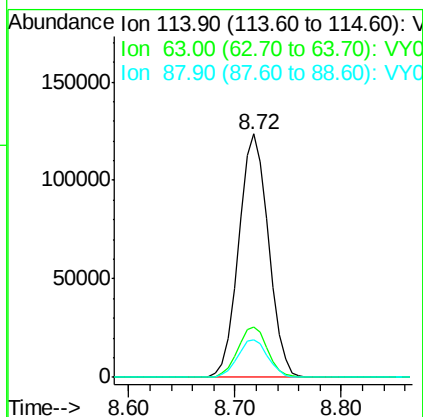
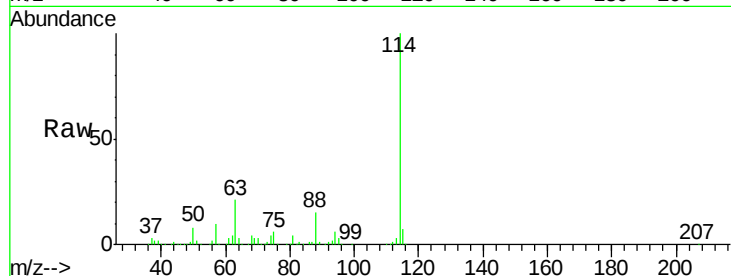




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY002149.D
 Acq: 31 Mar 2020 21:12

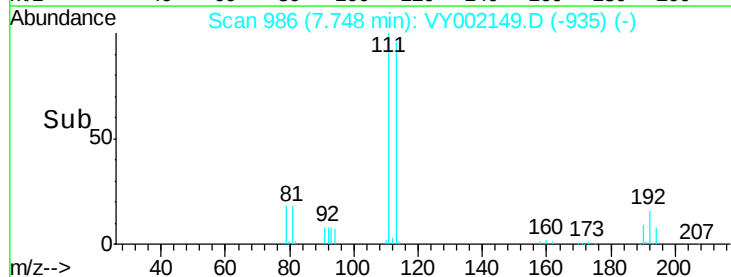
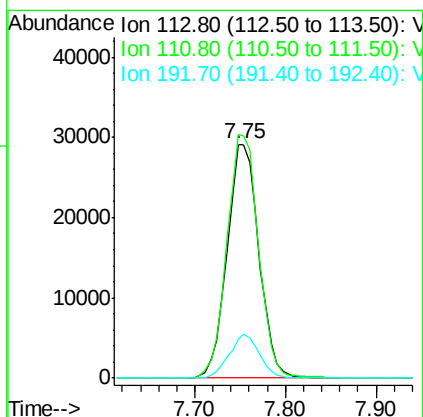
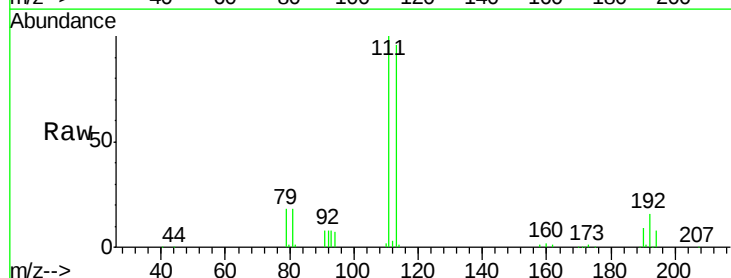
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4I-(0-2)

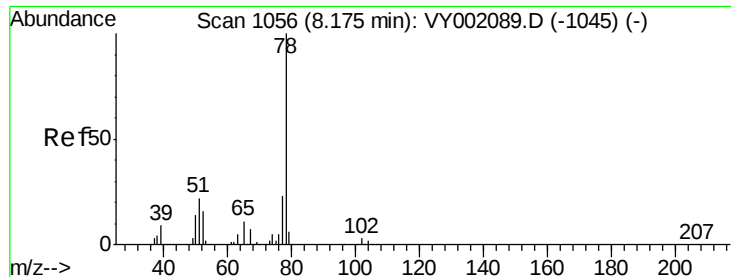
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.4
88	15.3	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 52.050 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002149.D
 Acq: 31 Mar 2020 21:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	84.4	126.6
192	17.6	14.6	21.8





#40

Benzene

Concen: 1.052 ug/l

RT: 8.19 min Scan# 1059

Delta R.T. 0.02 min

Lab File: VY002149.D

Acq: 31 Mar 2020 21:12

Instrument :

MSVOA_Y

ClientSampleId :

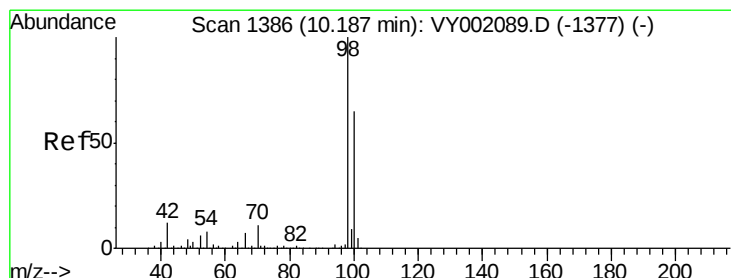
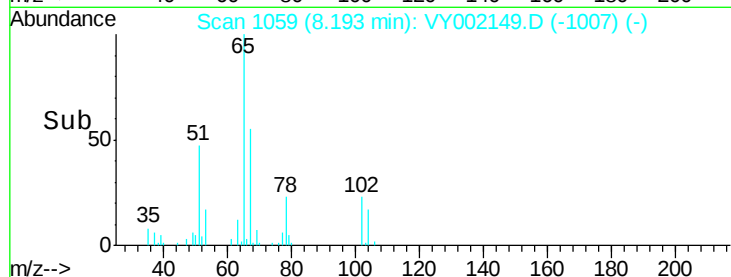
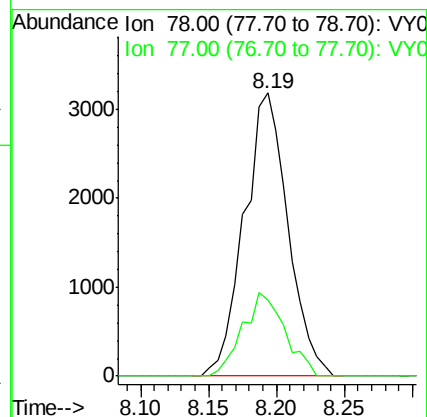
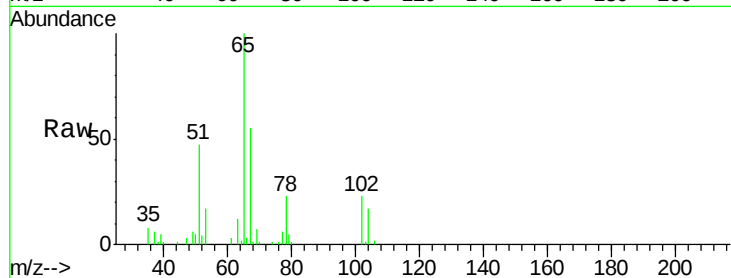
SB-4I-(0-2)

Tot Ion: 78 Resp: 7152

Ion Ratio Lower Upper

78 100

77 26.9 18.2 27.4



#50

Toluene-d8

Concen: 52.684 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002149.D

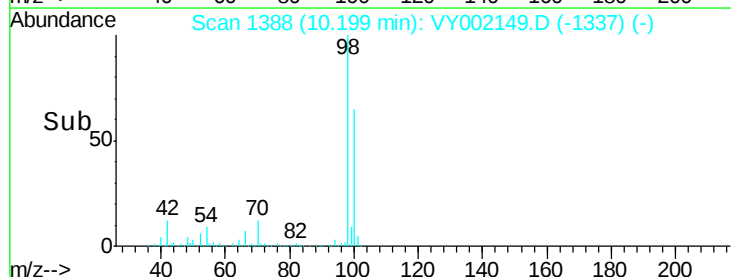
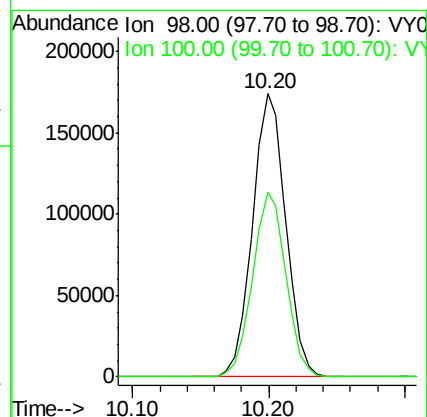
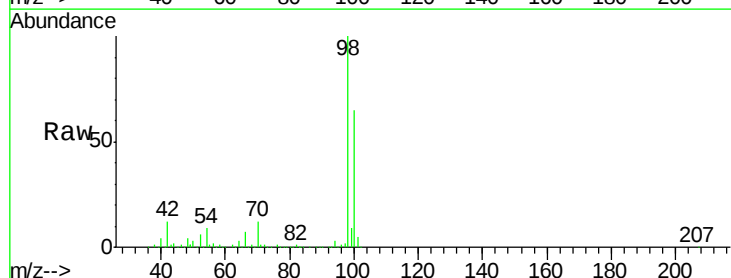
Acq: 31 Mar 2020 21:12

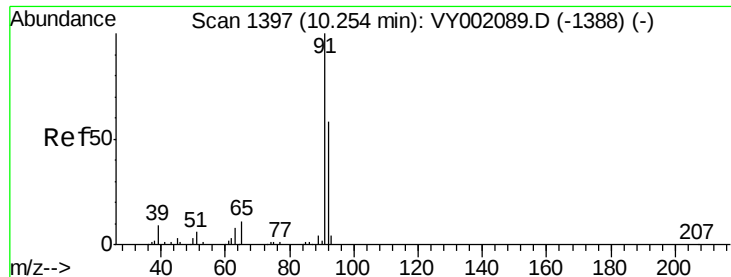
Tgt Ion: 98 Resp: 297544

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4





#52

Toluene

Concen: 1.098 ug/l

RT: 10.27 min Scan# 1399

Delta R.T. 0.01 min

Lab File: VY002149.D

Acq: 31 Mar 2020 21:12

Instrument :

MSVOA_Y

ClientSampleId :

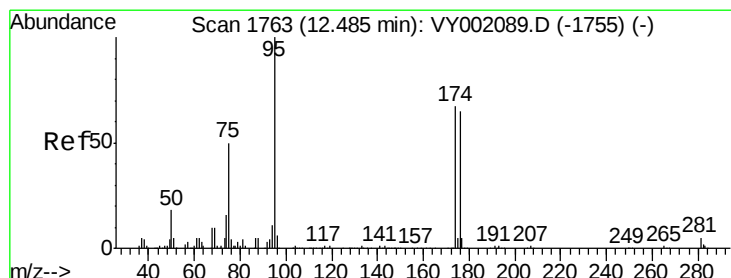
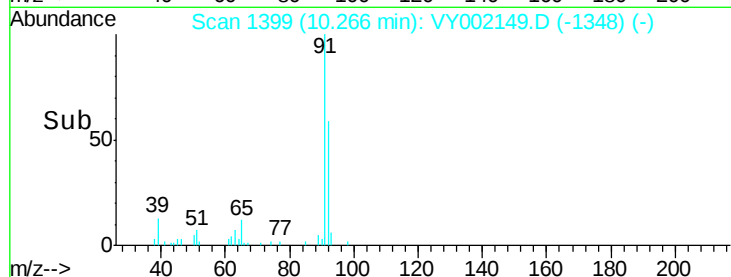
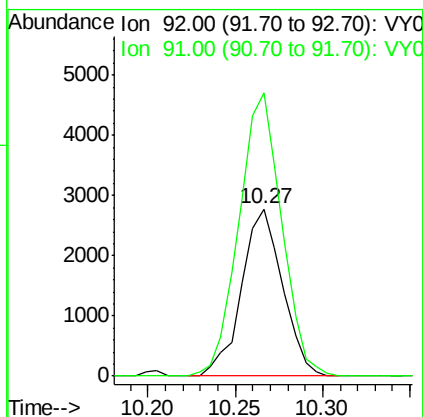
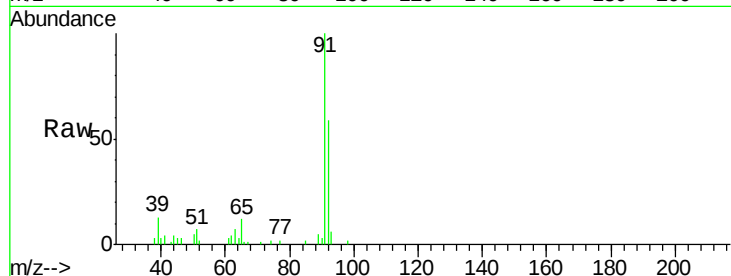
SB-4I-(0-2)

Tot Ion: 92 Resp: 4513

Ion Ratio Lower Upper

92 100

91 176.9 139.3 208.9



#62

4-Bromofluorobenzene

Concen: 52.038 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002149.D

Acq: 31 Mar 2020 21:12

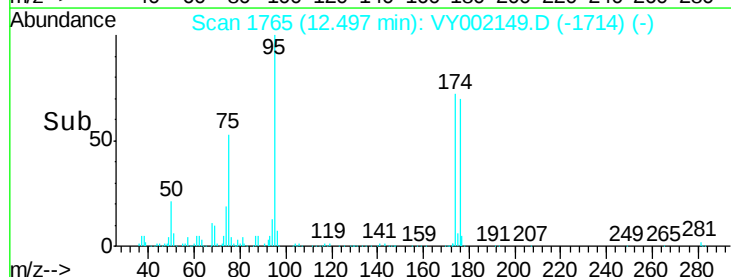
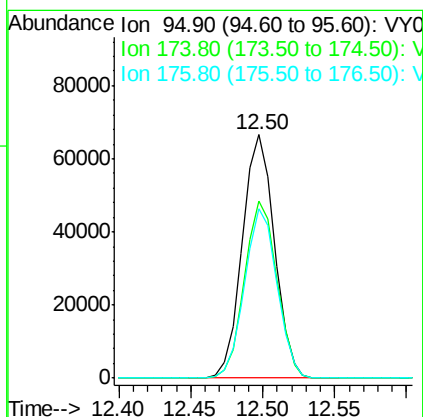
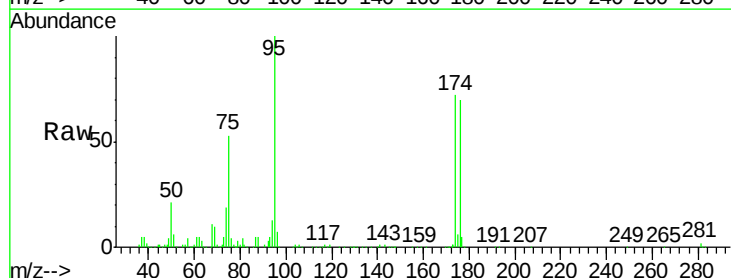
Tgt Ion: 95 Resp: 102785

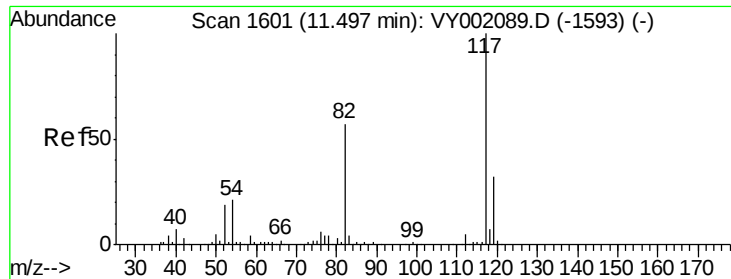
Ion Ratio Lower Upper

95 100

174 73.3 0.0 143.4

176 70.0 0.0 137.0

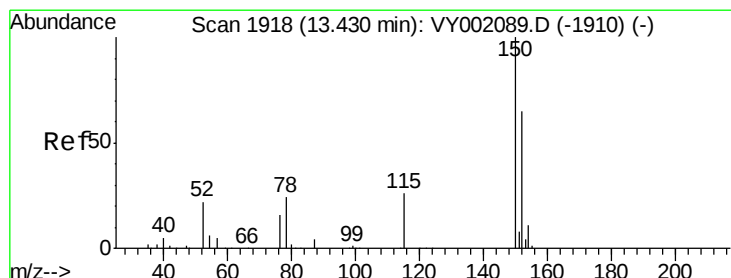
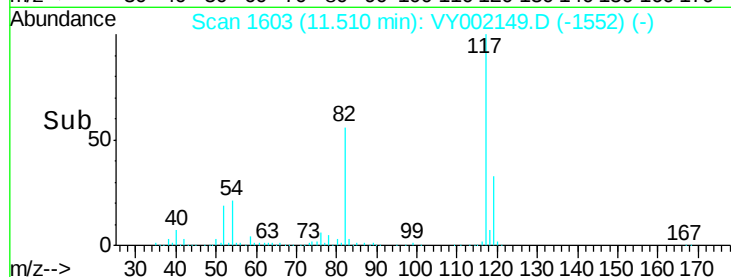
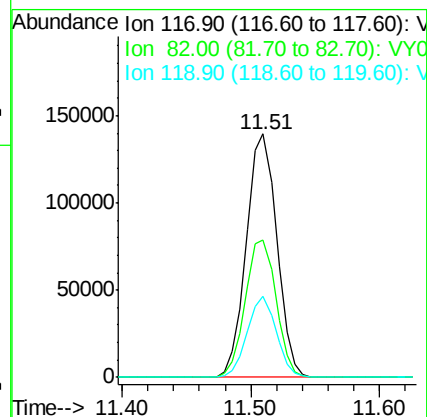
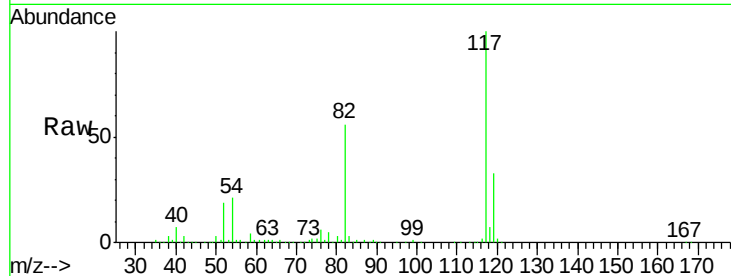




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY002149.D
Acq: 31 Mar 2020 21:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-4I-(0-2)

Tot Ion:117 Resp: 227962
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 33.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY002149.D
Acq: 31 Mar 2020 21:12

Tgt Ion:152 Resp: 100724
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 159.9 0.0 354.8

