

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001713.D
 Acq On : 20 Feb 2020 10:54
 Operator : SY/MD
 Sample : VY0220SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBL01

Quant Time: Feb 21 08:11:46 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	177086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	322601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	291438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128444	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	104301	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	7.75	113	95199	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
50) Toluene-d8	10.20	98	390570	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
62) 4-Bromofluorobenzene	12.50	95	133971	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	

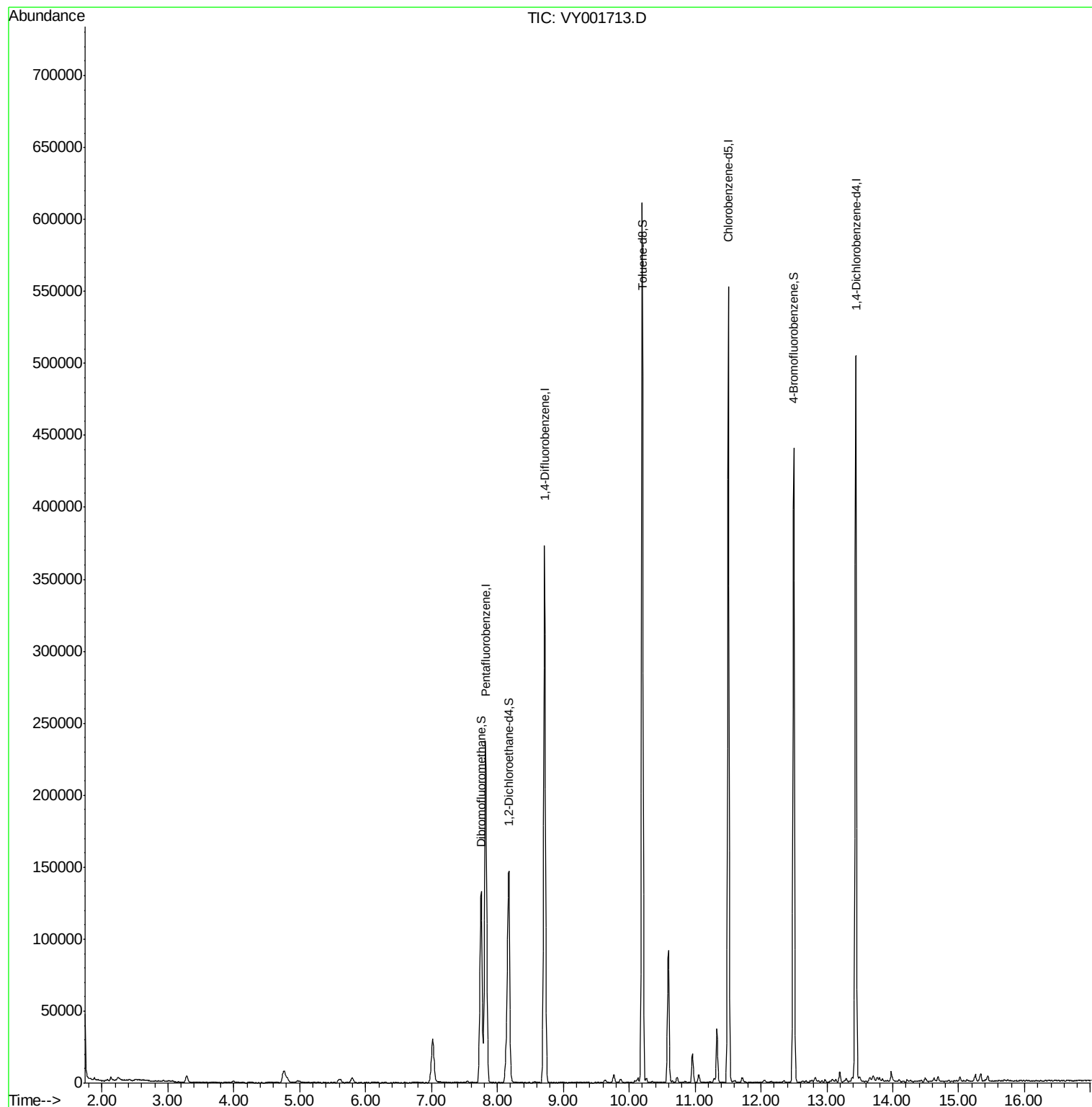
Target Compounds	Qvalue
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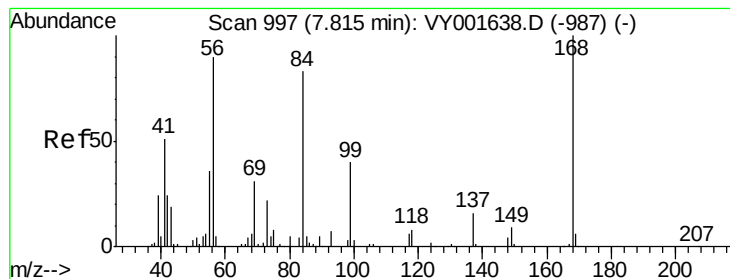
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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# 998

Delta R.T. 0.01 min

Lab File: VY001713.D

Acq: 20 Feb 2020 10:54

Instrument :

MSVOA_Y

ClientSampleId :

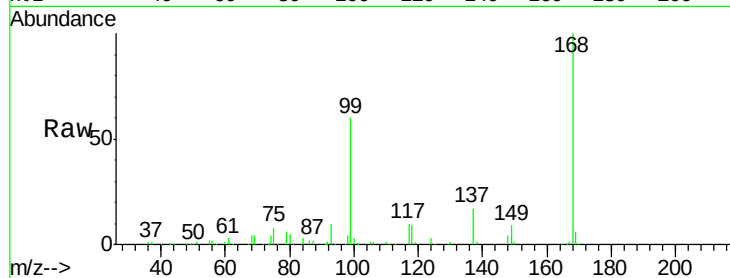
VY0220SBL01

Tot Ion:168 Resp: 177086

Ion Ratio Lower Upper

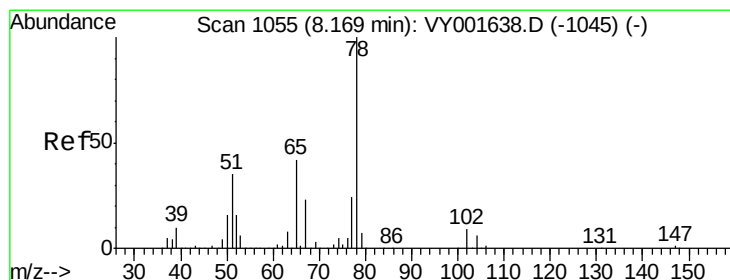
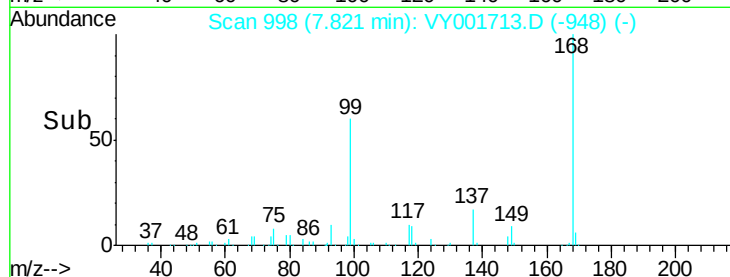
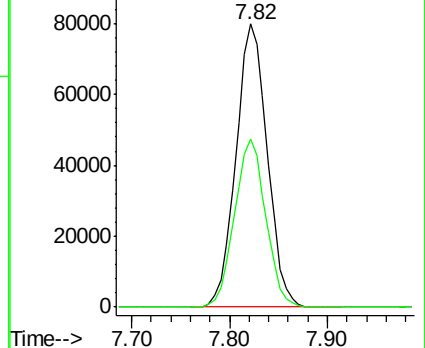
168 100

99 59.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001713.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001713.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.756 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001713.D

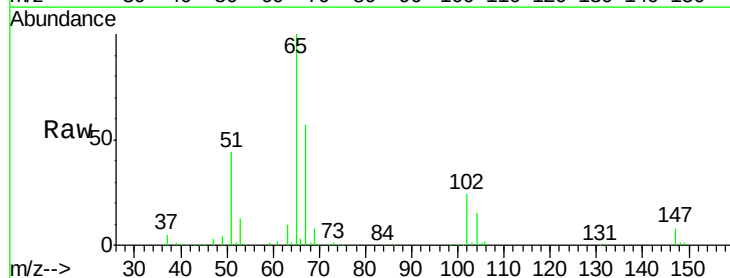
Acq: 20 Feb 2020 10:54

Tgt Ion: 65 Resp: 104301

Ion Ratio Lower Upper

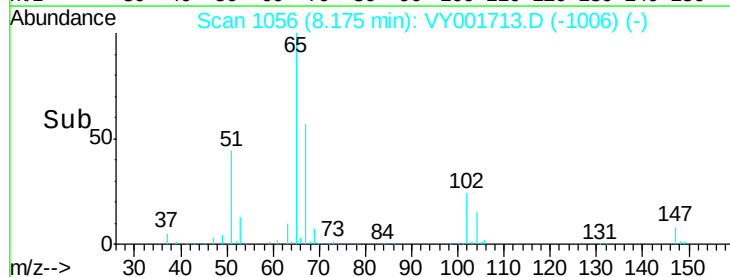
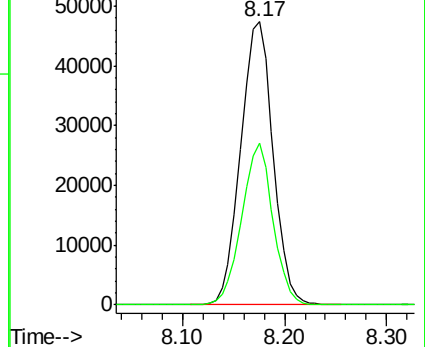
65 100

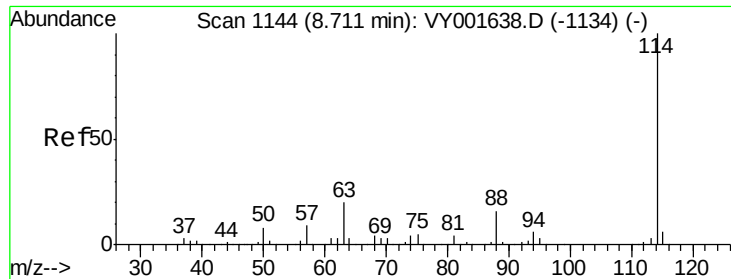
67 55.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001713.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001713.D (-1006) (-)

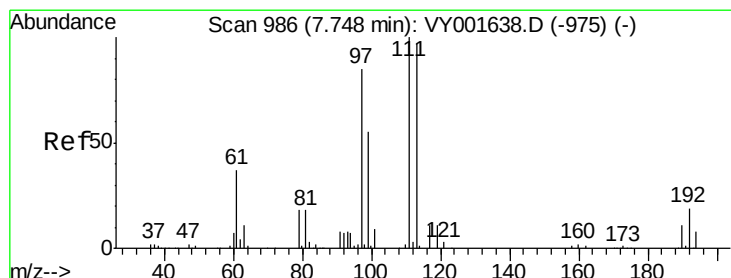
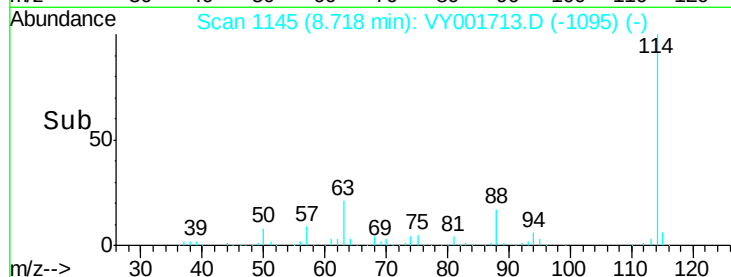
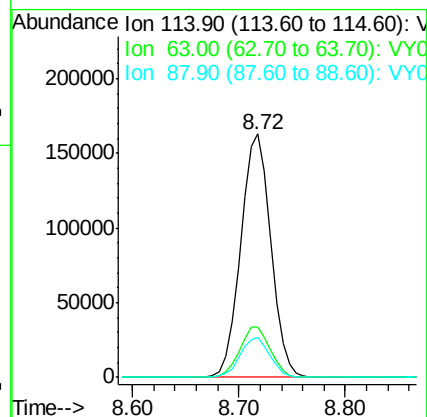
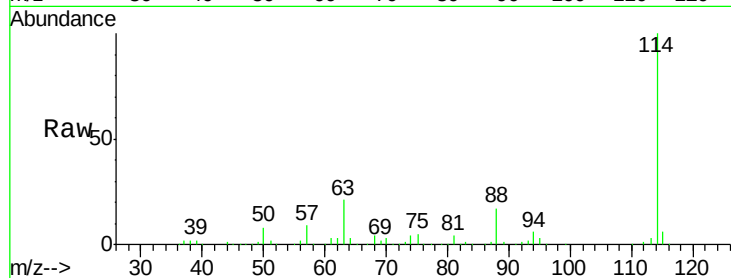




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001713.D
 Acq: 20 Feb 2020 10:54

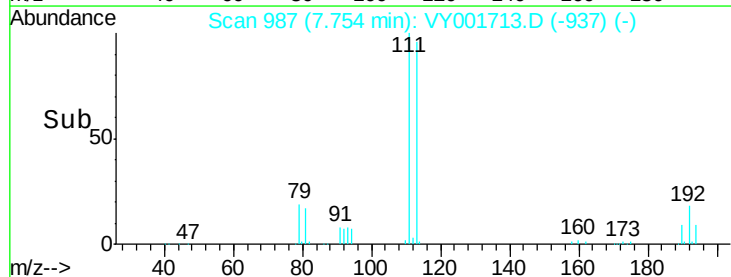
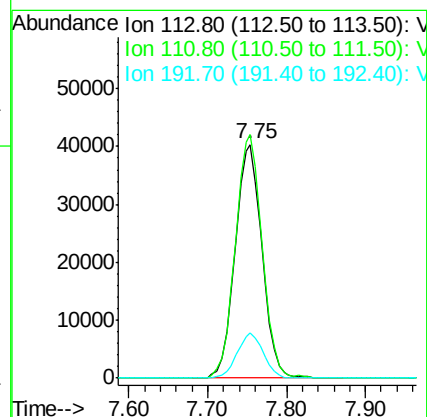
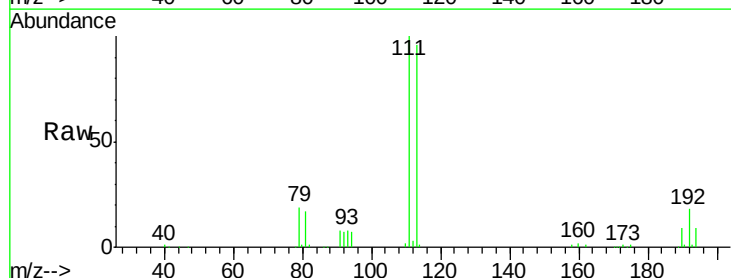
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBL01

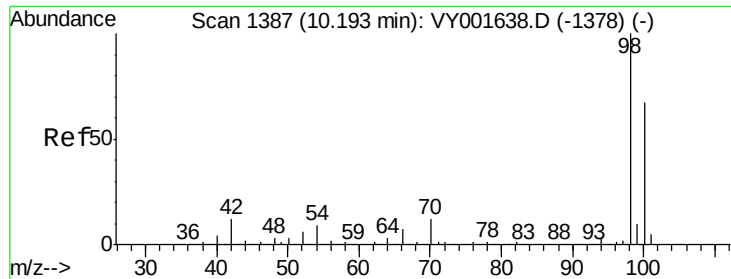
Tot Ion:114 Resp: 322601
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 16.7 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 51.523 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001713.D
 Acq: 20 Feb 2020 10:54

Tgt Ion:113 Resp: 95199
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.9 122.9
 192 18.8 14.3 21.5





#50

Toluene-d8

Concen: 53.955 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001713.D

Acq: 20 Feb 2020 10:54

Instrument :

MSVOA_Y

ClientSampleId :

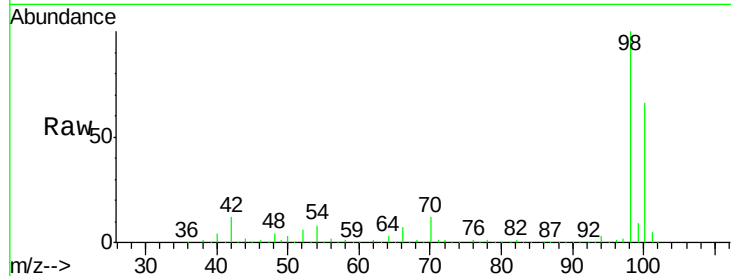
VY0220SBL01

Tot Ion: 98 Resp: 390570

Ion Ratio Lower Upper

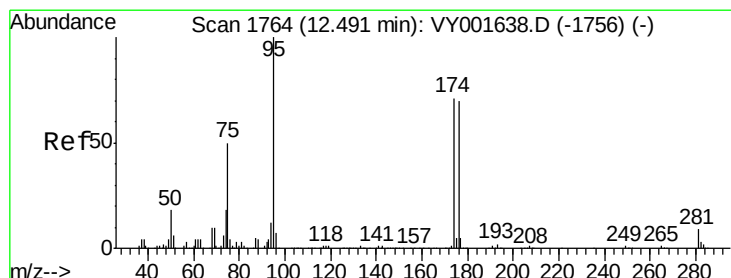
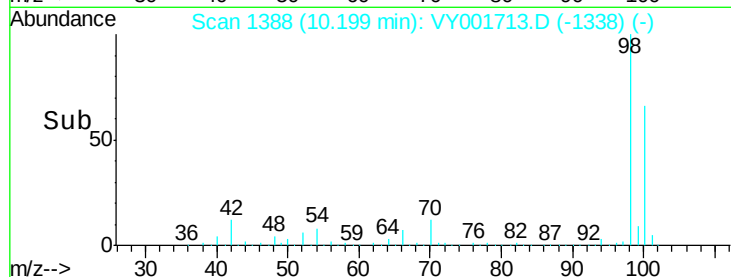
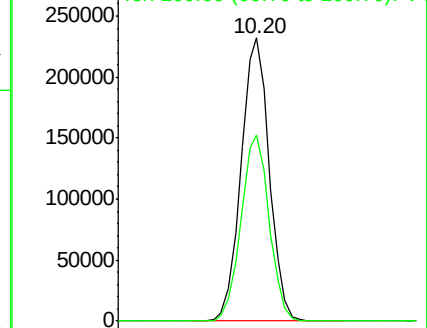
98 100

100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 47.639 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001713.D

Acq: 20 Feb 2020 10:54

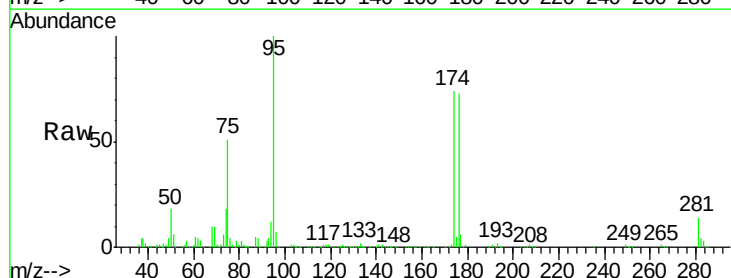
Tgt Ion: 95 Resp: 133971

Ion Ratio Lower Upper

95 100

174 72.4 0.0 138.4

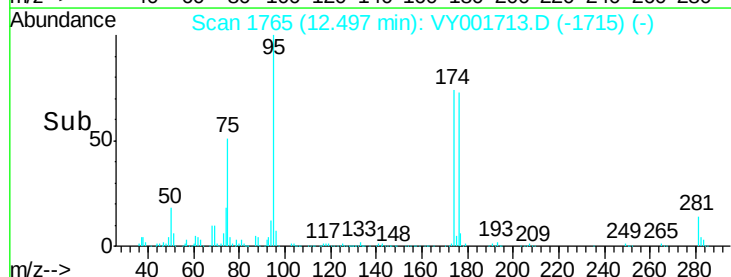
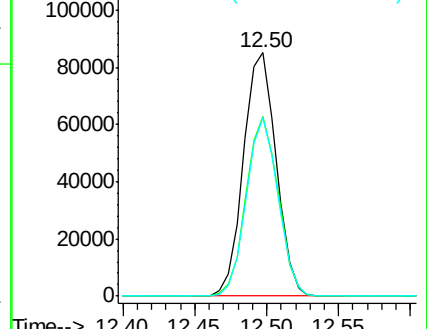
176 70.8 0.0 131.8

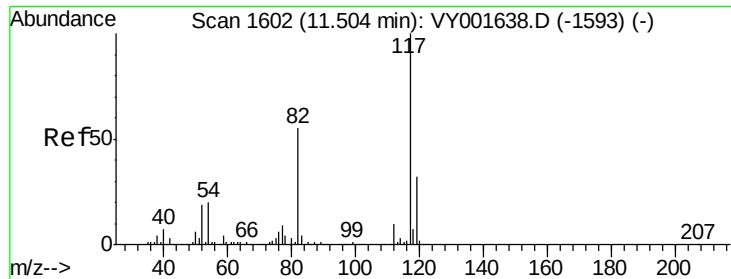


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

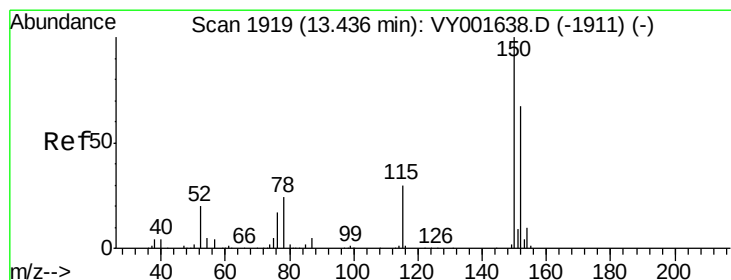
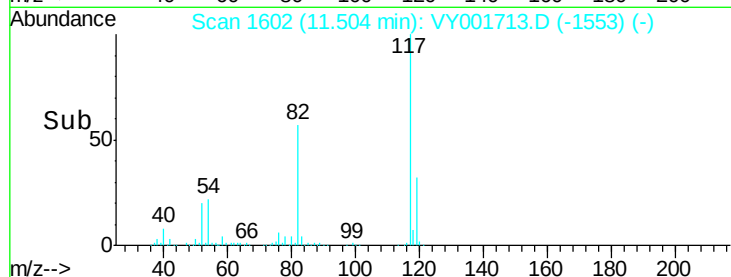
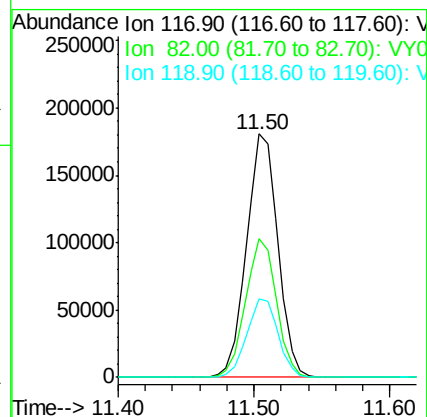
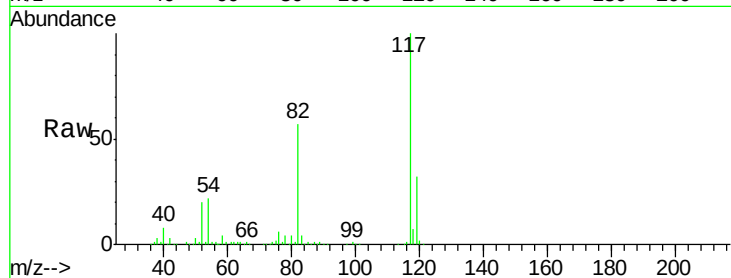




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001713.D
Acq: 20 Feb 2020 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.5	68.3
119	32.0	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: VY001713.D
Acq: 20 Feb 2020 10:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.4	94.2
150	157.5	0.0	407.2

