

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001793.D
 Acq On : 28 Feb 2020 10:27
 Operator : SY/MD
 Sample : VY0228SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBL01

Quant Time: Mar 11 11:59:36 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	156709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	261947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	112631	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	90424	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
35) Dibromofluoromethane	7.75	113	85682	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.19	98	351940	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.49	95	117732	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

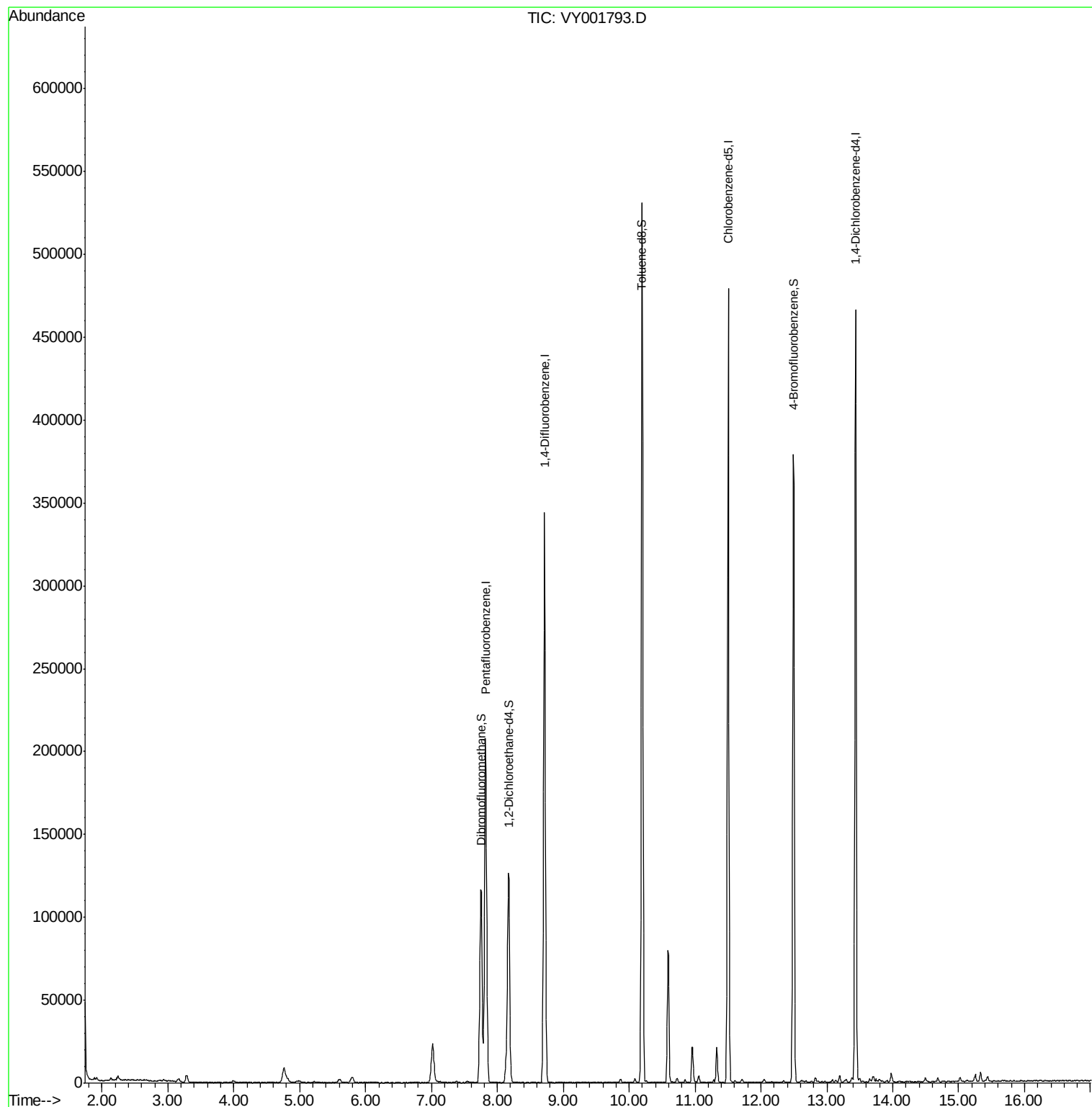
Target Compounds	Qvalue
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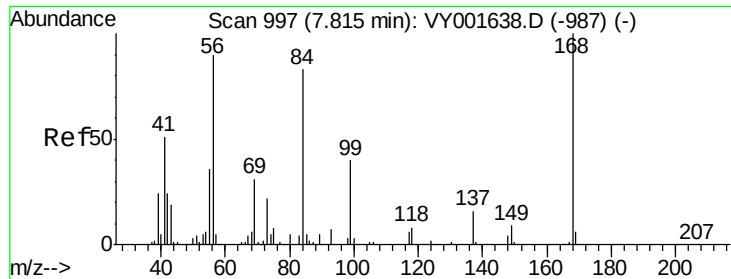
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001793.D

Acq: 28 Feb 2020 10:27

Instrument :

MSVOA_Y

ClientSampleId :

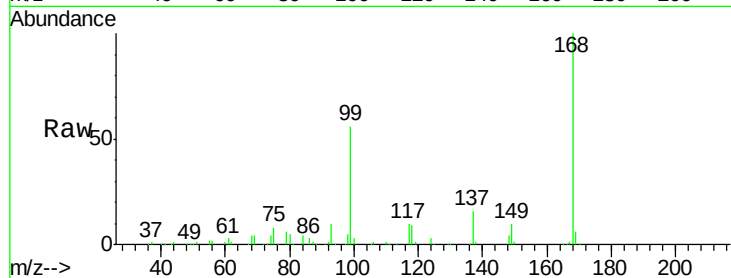
VY0228SBL01

Tot Ion:168 Resp: 156709

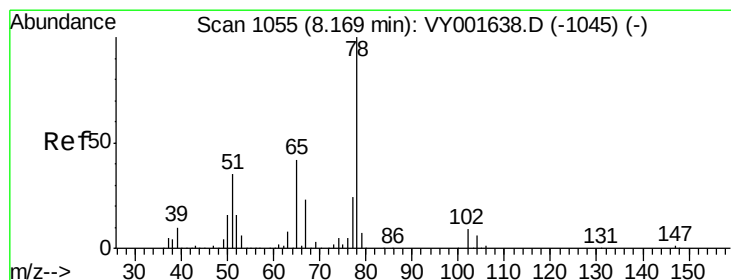
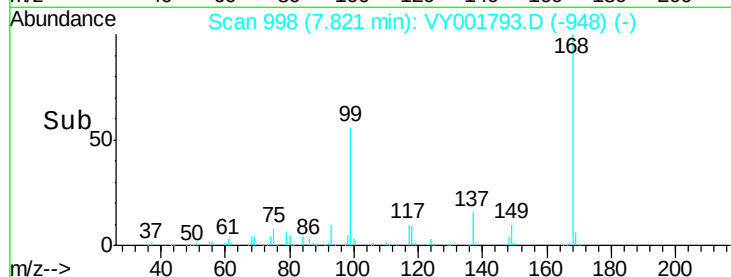
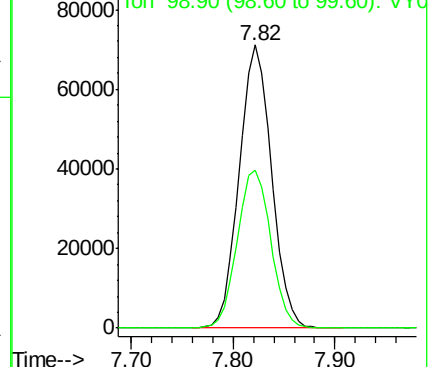
Ion Ratio Lower Upper

168 100

99 55.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001793.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.644 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001793.D

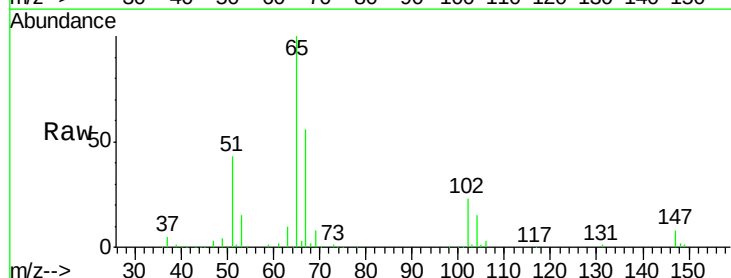
Acq: 28 Feb 2020 10:27

Tgt Ion: 65 Resp: 90424

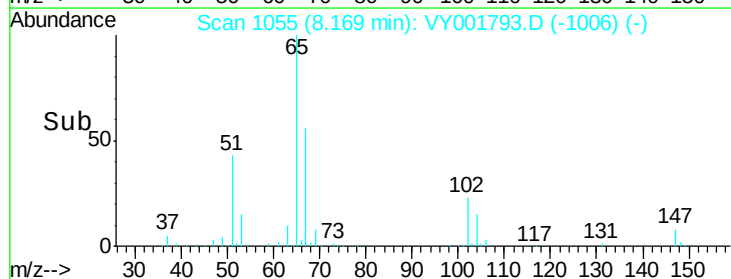
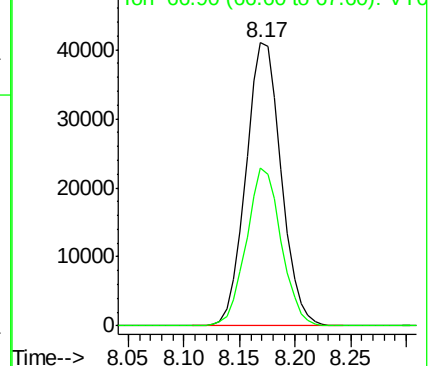
Ion Ratio Lower Upper

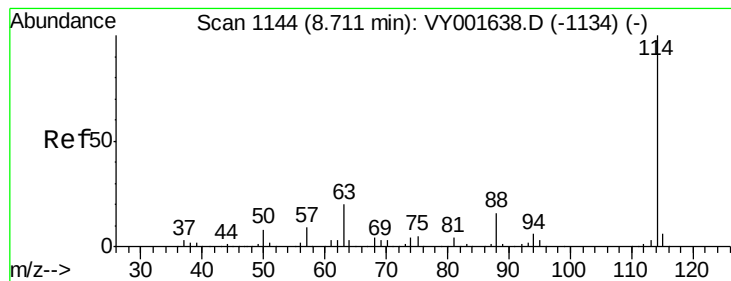
65 100

67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001793.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001793.D

Acq: 28 Feb 2020 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBL01

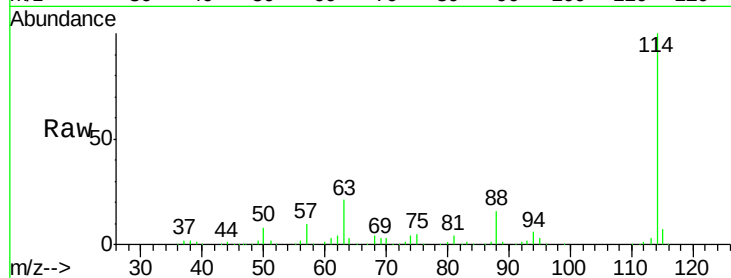
Tot Ion:114 Resp: 294440

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

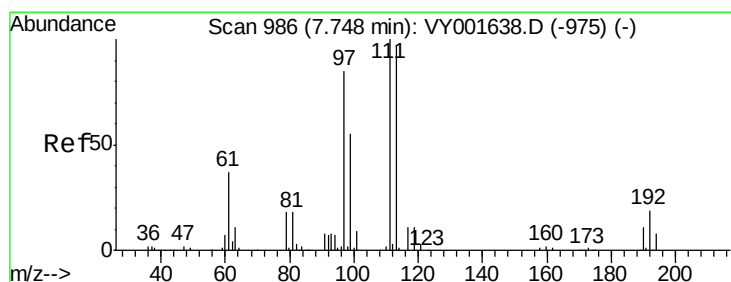
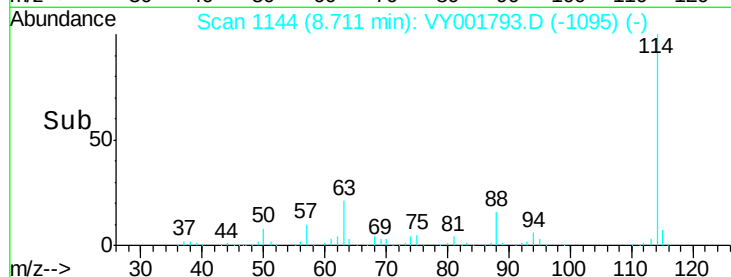
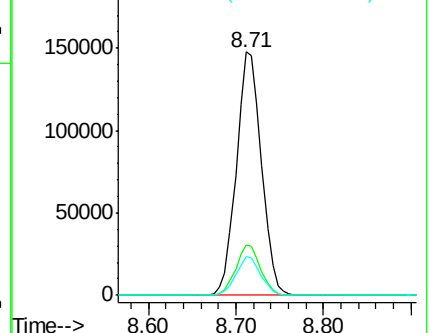
88 15.7 0.0 32.8



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: 50.807 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001793.D

Acq: 28 Feb 2020 10:27

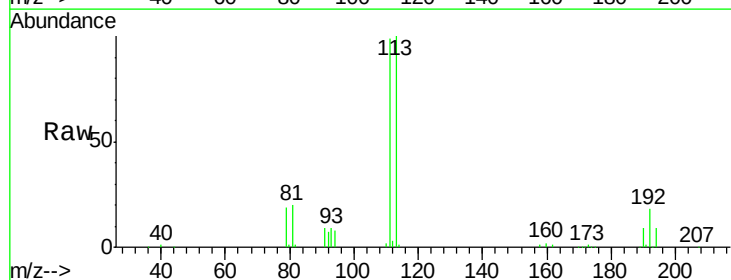
Tgt Ion:113 Resp: 85682

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

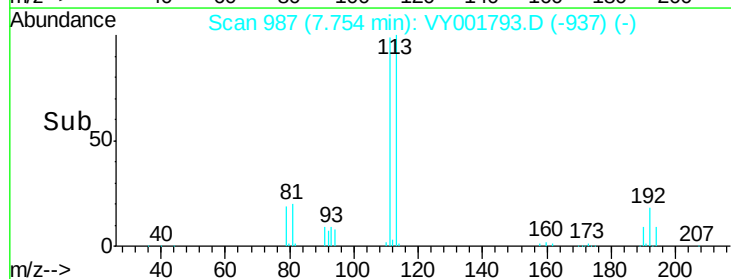
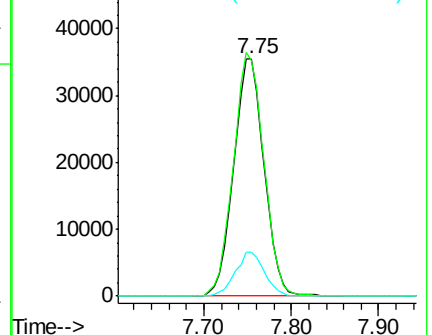
192 17.8 14.3 21.5

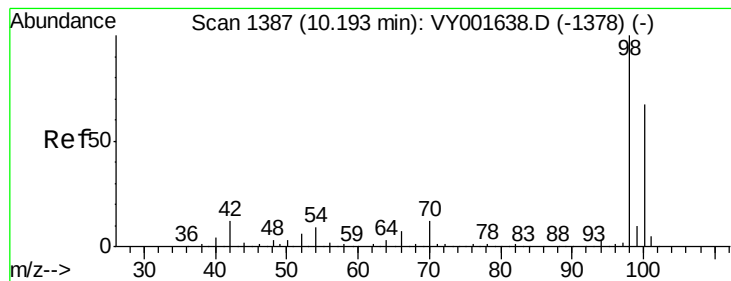


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.269 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001793.D

Acq: 28 Feb 2020 10:27

Instrument :

MSVOA_Y

ClientSampleId :

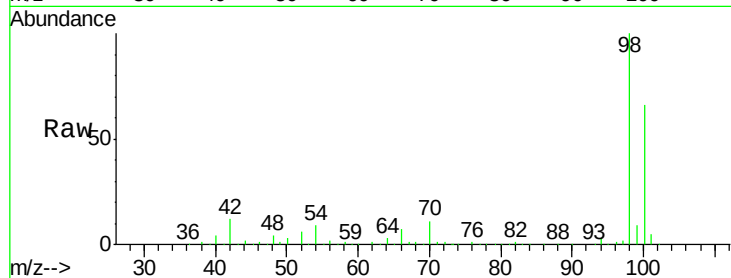
VY0228SBL01

Tot Ion: 98 Resp: 351940

Ion Ratio Lower Upper

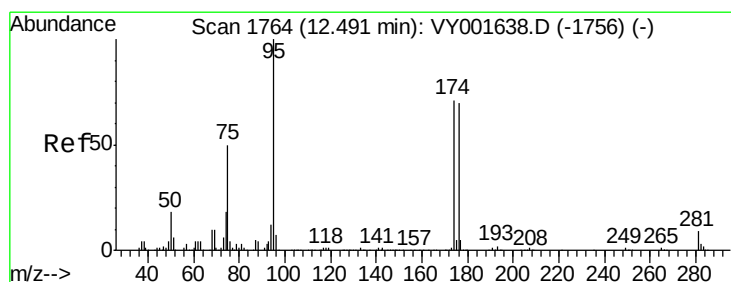
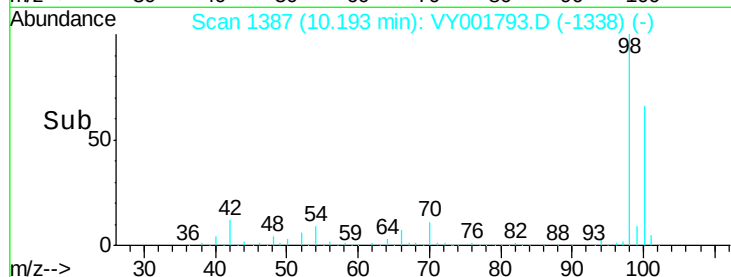
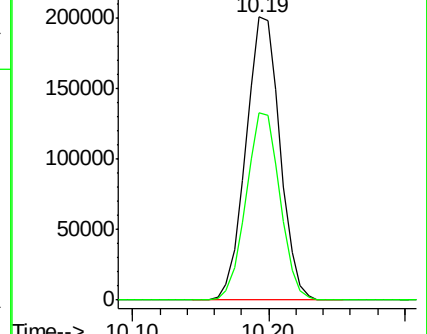
98 100

100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 45.869 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001793.D

Acq: 28 Feb 2020 10:27

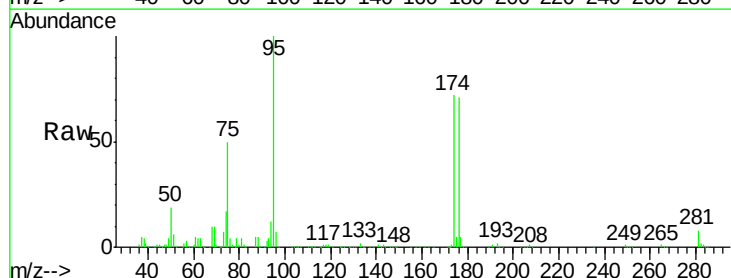
Tgt Ion: 95 Resp: 117732

Ion Ratio Lower Upper

95 100

174 73.7 0.0 138.4

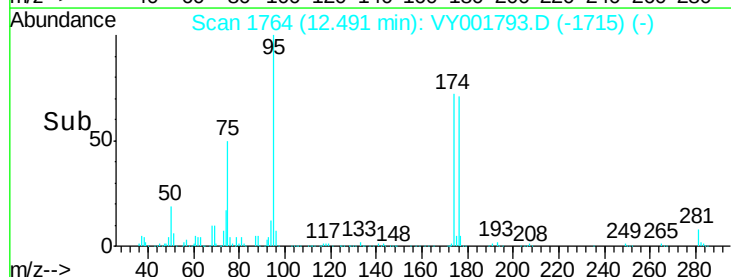
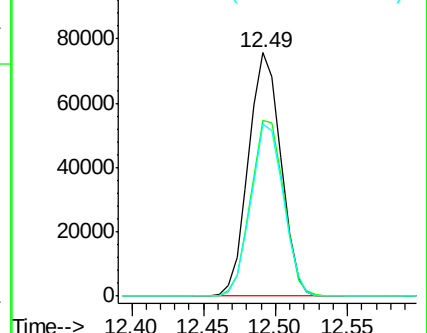
176 71.4 0.0 131.8

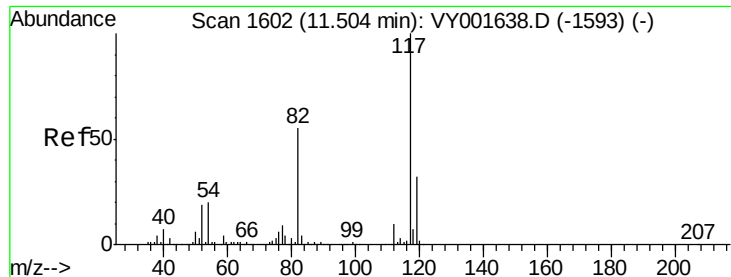


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

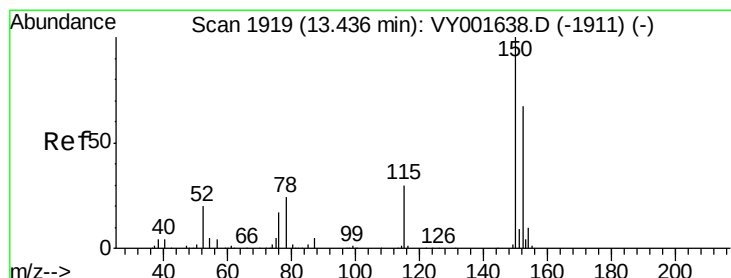
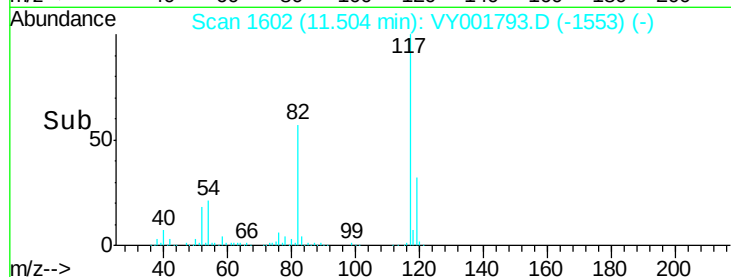
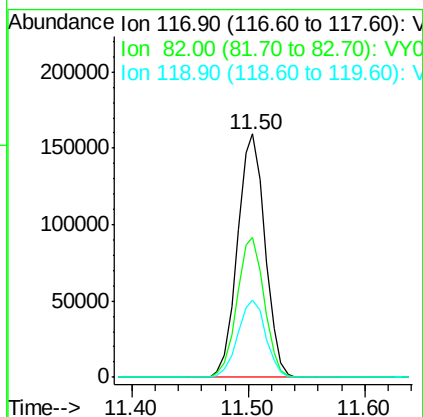
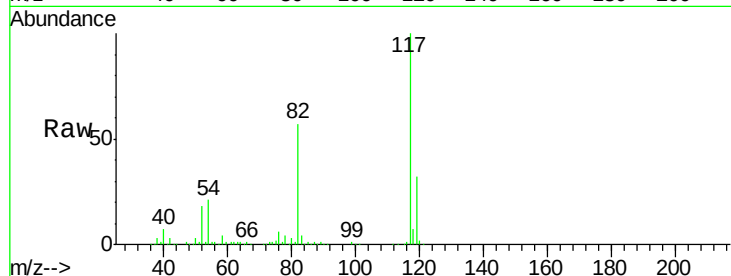




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001793.D
Acq: 28 Feb 2020 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.5	68.3
119	31.7	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001793.D
Acq: 28 Feb 2020 10:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.4	94.2
150	158.7	0.0	407.2

