

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001570.D
 Acq On : 07 Feb 2020 21:13
 Operator : SY/MD
 Sample : L1449-02
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2-BY-TANK-SOUTH

Quant Time: Feb 08 04:10:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	171399	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	299605	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	266539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116708	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	97337	56.40	ug/l	0.01
Spiked Amount			Recovery	=	112.80%	
35) Dibromofluoromethane	7.76	113	86392	50.01	ug/l	0.02
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	10.20	98	356381	54.52	ug/l	0.01
Spiked Amount			Recovery	=	109.04%	
62) 4-Bromofluorobenzene	12.49	95	119162	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	

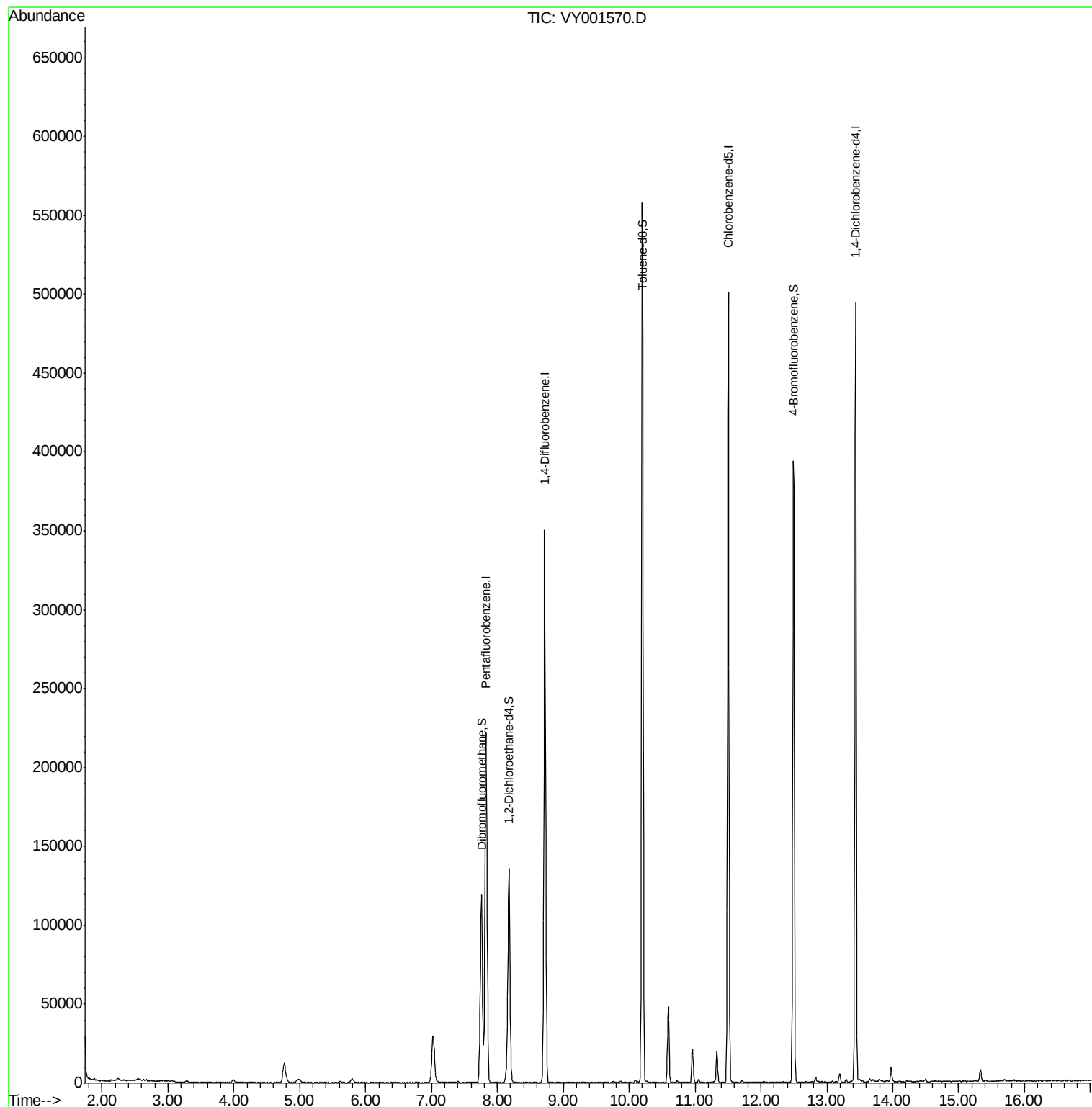
Target Compounds	Qvalue
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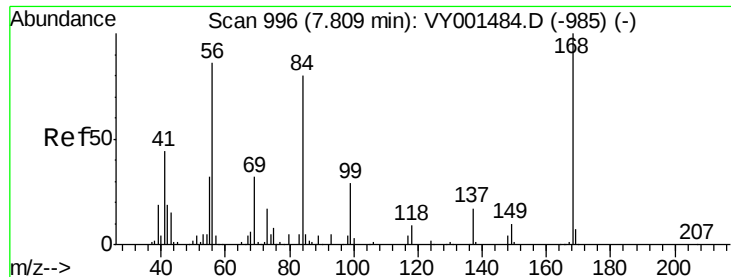
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.02 min

Lab File: VY001570.D

Acq: 07 Feb 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

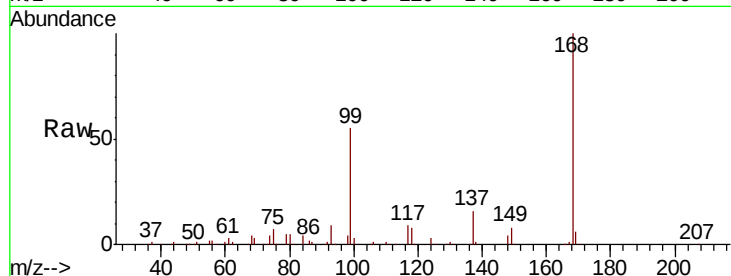
S-2-BY-TANK-SOUTH

Tot Ion:168 Resp: 171399

Ion Ratio Lower Upper

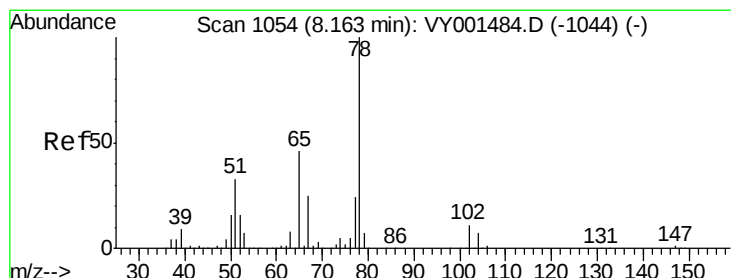
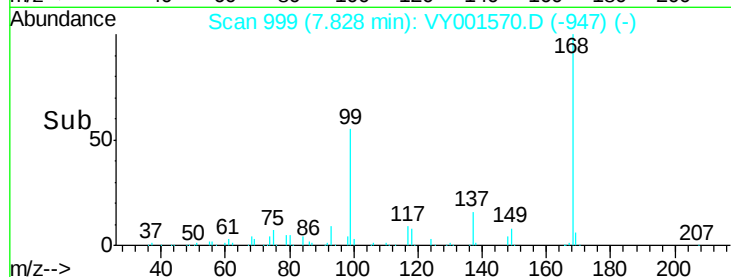
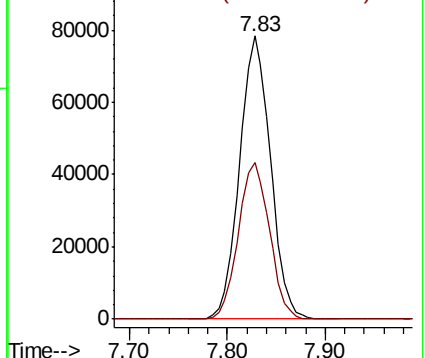
168 100

99 55.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001570.D

Ion 98.90 (98.60 to 99.60): VY001570.D



#33

1,2-Dichloroethane-d4

Concen: 56.403 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001570.D

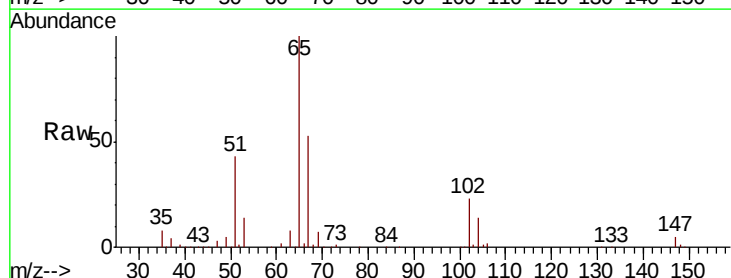
Acq: 07 Feb 2020 21:13

Tgt Ion: 65 Resp: 97337

Ion Ratio Lower Upper

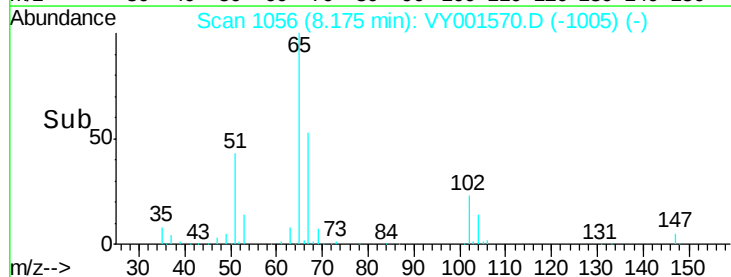
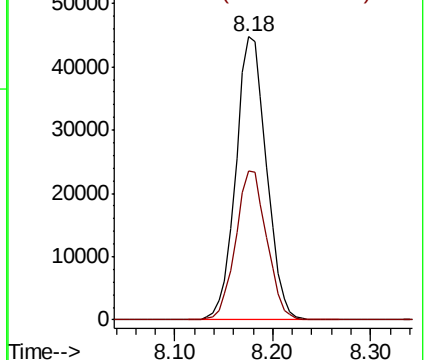
65 100

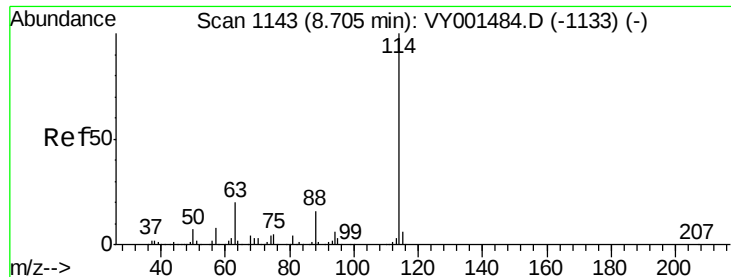
67 53.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001570.D

Ion 66.90 (66.60 to 67.60): VY001570.D

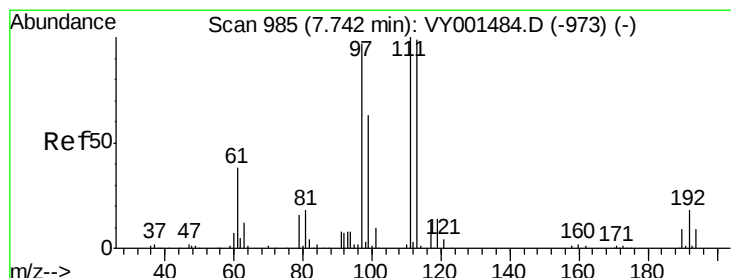
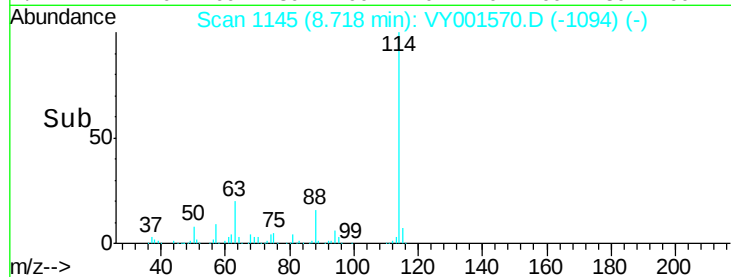
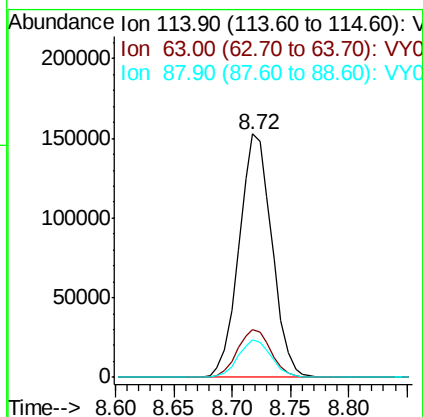
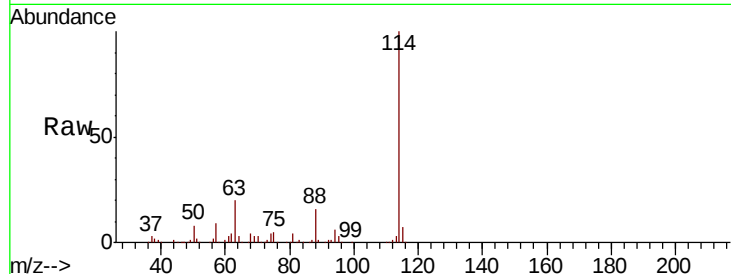




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001570.D
 Acq: 07 Feb 2020 21:13

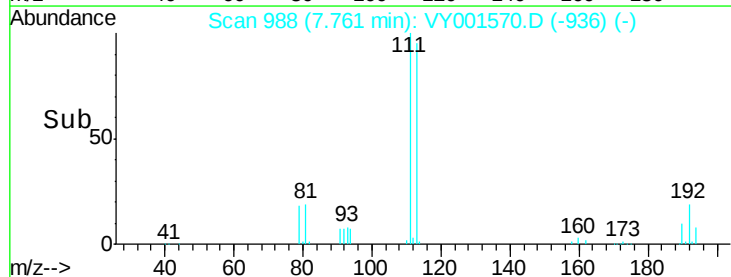
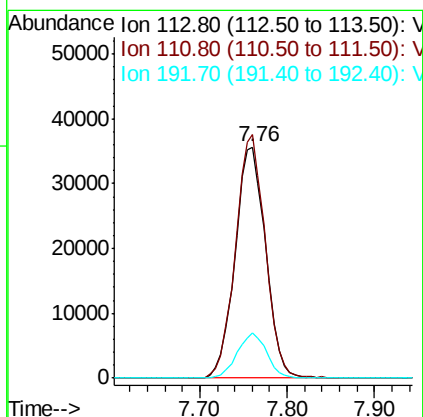
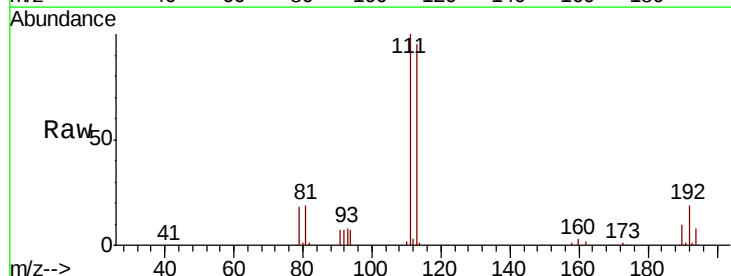
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2-BY-TANK-SOUTH

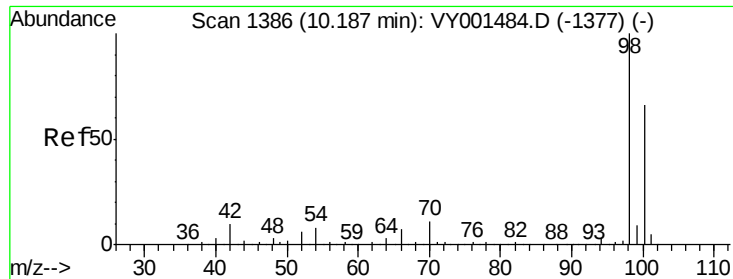
Tot Ion:114	Resp:	299605
Ion Ratio	Lower	Upper
114 100		
63 19.8	0.0	39.8
88 15.6	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.005 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.02 min
 Lab File: VY001570.D
 Acq: 07 Feb 2020 21:13

Tgt Ion:113	Resp:	86392
Ion Ratio	Lower	Upper
113 100		
111 102.6	82.9	124.3
192 18.8	14.6	22.0





#50

Toluene-d8

Concen: 54.522 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001570.D

Acq: 07 Feb 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

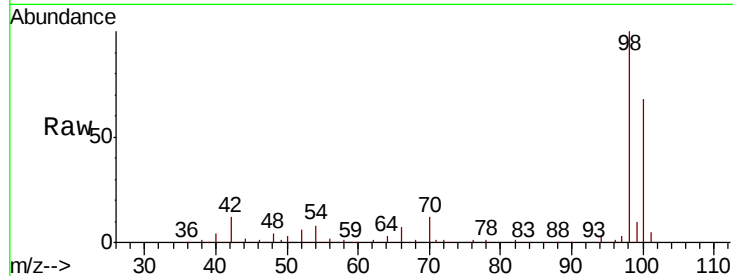
S-2-BY-TANK-SOUTH

Tot Ion: 98 Resp: 356381

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001570.D (-1337) (-)

10.20

200000

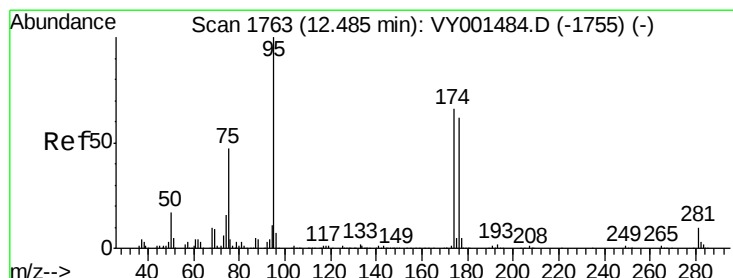
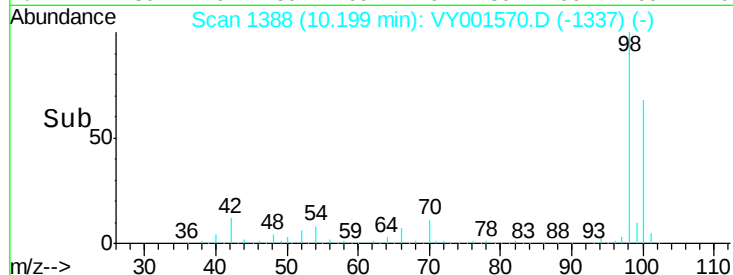
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.276 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001570.D

Acq: 07 Feb 2020 21:13

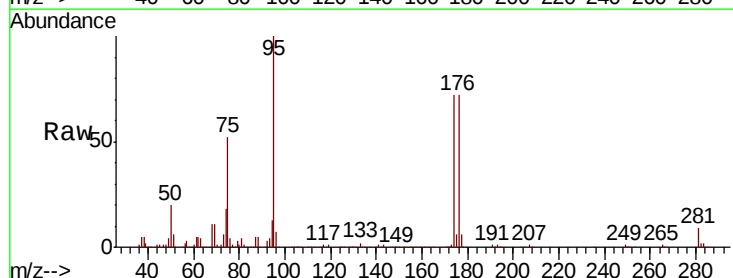
Tgt Ion: 95 Resp: 119162

Ion Ratio Lower Upper

95 100

174 75.9 0.0 141.4

176 74.8 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001484.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001570.D (-1714) (-)

12.49

100000

80000

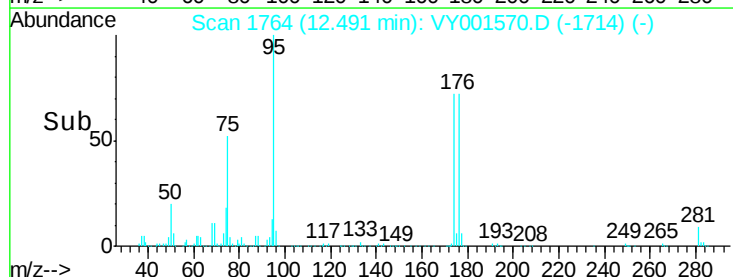
60000

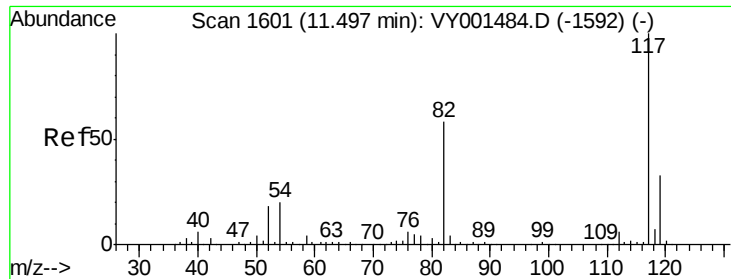
40000

20000

0

Time-->

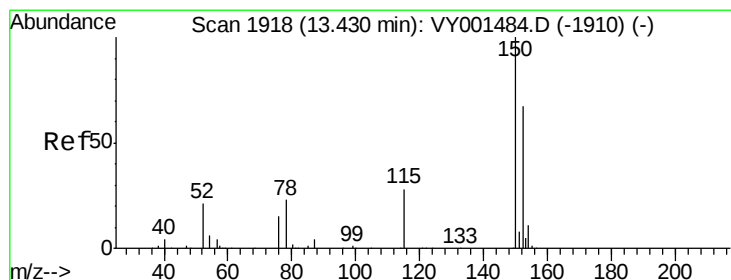
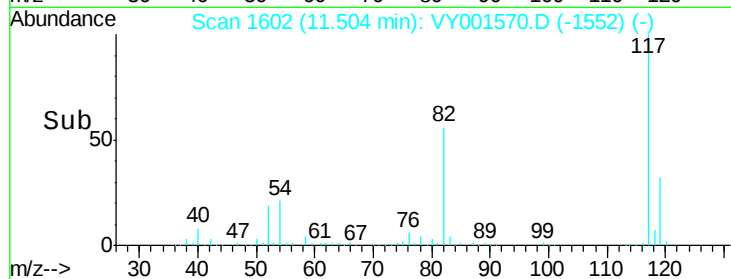
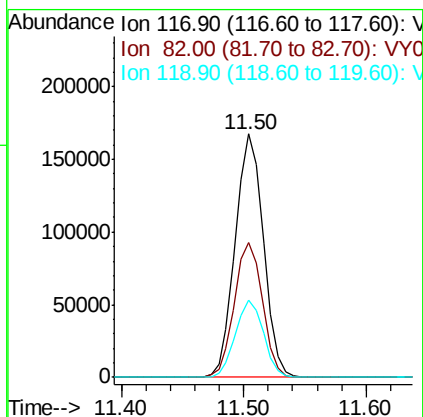
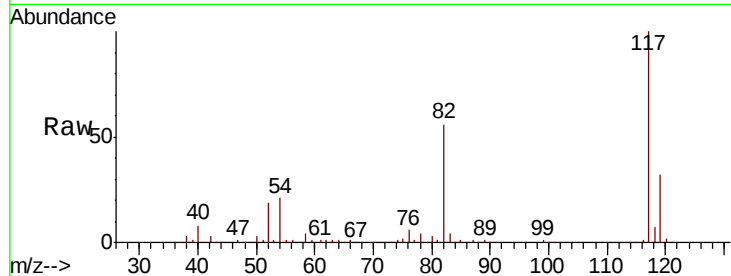




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001570.D
Acq: 07 Feb 2020 21:13

Instrument :
MSVOA_Y
ClientSampleId :
S-2-BY-TANK-SOUTH

Tot Ion:117 Resp: 266539
Ion Ratio Lower Upper
117 100
82 55.5 46.1 69.1
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001570.D
Acq: 07 Feb 2020 21:13

Tgt Ion:152 Resp: 116708
Ion Ratio Lower Upper
152 100
115 59.7 31.4 94.3
150 159.1 0.0 346.8

