

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001520.D
 Acq On : 05 Feb 2020 20:09
 Operator : SY/MD
 Sample : L1408-03
 Misc : 5.29G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SHORE-RD-PATH-BH-01-A

Quant Time: Feb 06 08:08:35 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	7.82	168	11860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	20398	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	16297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	5589	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	6108	51.15	ug/l	0.01
Spiked Amount			Recovery	=	102.30%	
35) Dibromofluoromethane	7.75	113	5874	49.94	ug/l	0.01
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	10.20	98	24003	53.94	ug/l	0.01
Spiked Amount			Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.49	95	6996	39.91	ug/l	0.00
Spiked Amount			Recovery	=	79.82%	

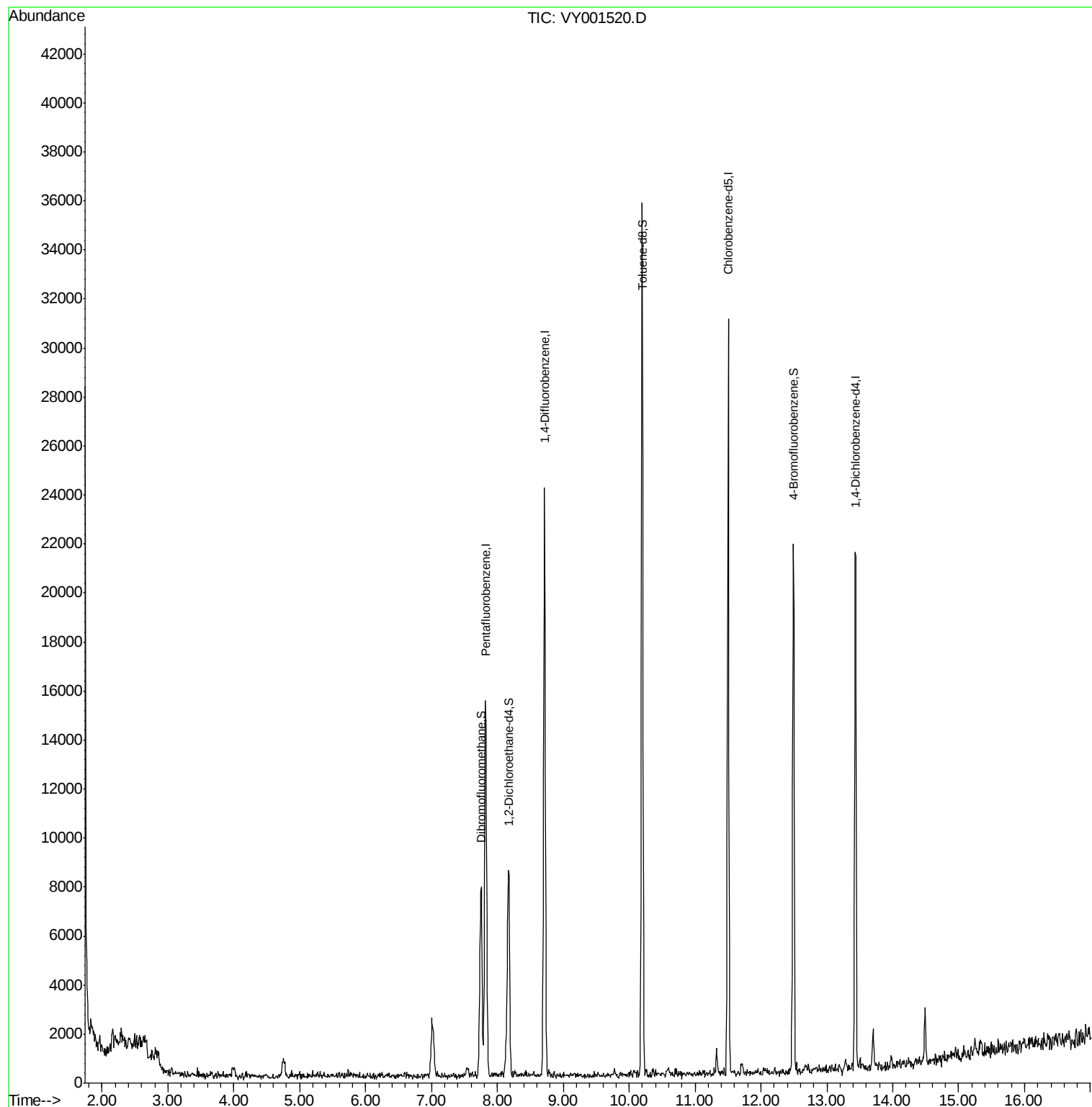
Target Compounds	Qvalue
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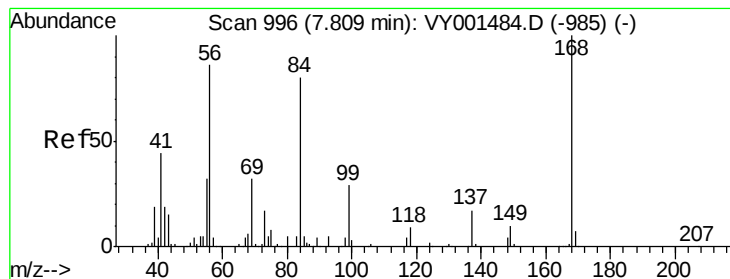
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001520.D

Acq: 05 Feb 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

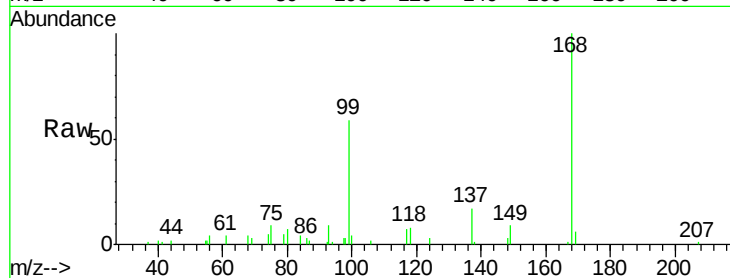
SHORE-RD-PATH-BH-01-A

Tot Ion:168 Resp: 11860

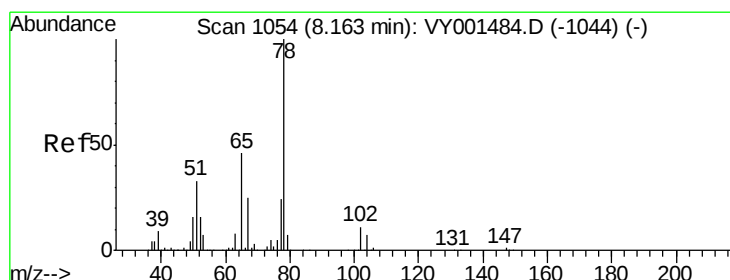
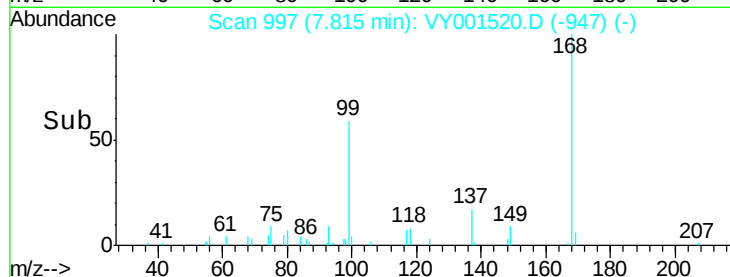
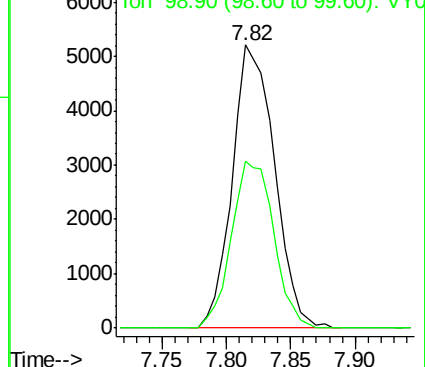
Ion Ratio Lower Upper

168 100

99 59.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001520.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.150 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001520.D

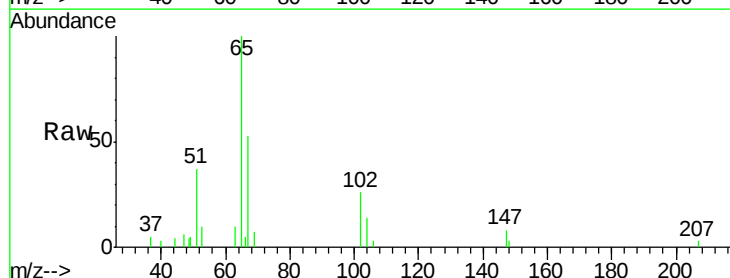
Acq: 05 Feb 2020 20:09

Tgt Ion: 65 Resp: 6108

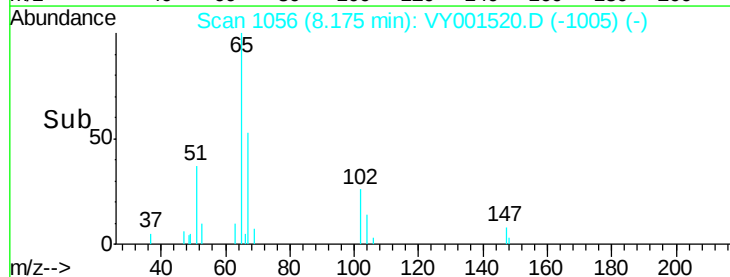
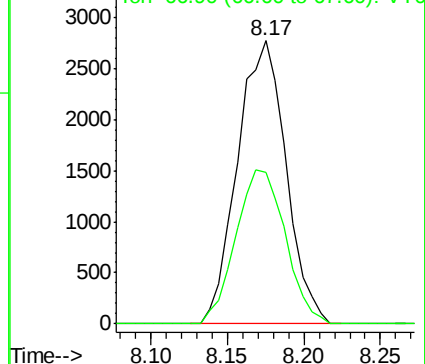
Ion Ratio Lower Upper

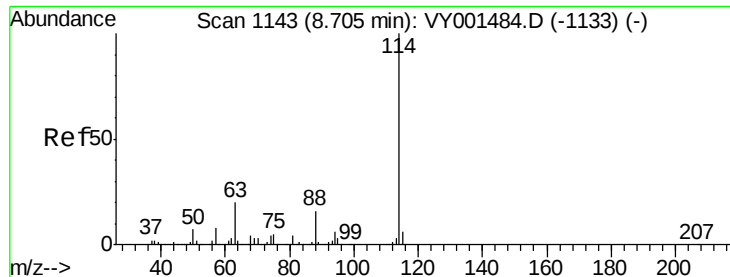
65 100

67 55.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001520.D (-1005) (-)

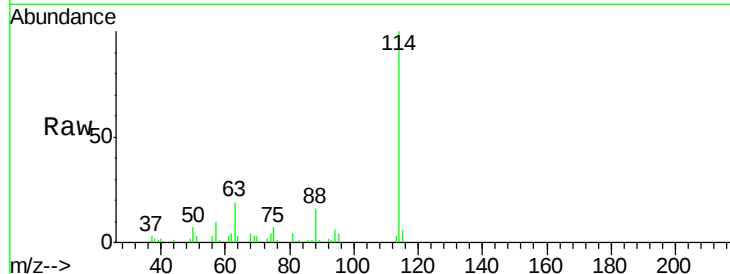




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY001520.D
Acq: 05 Feb 2020 20:09

Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-PATH-BH-01-A

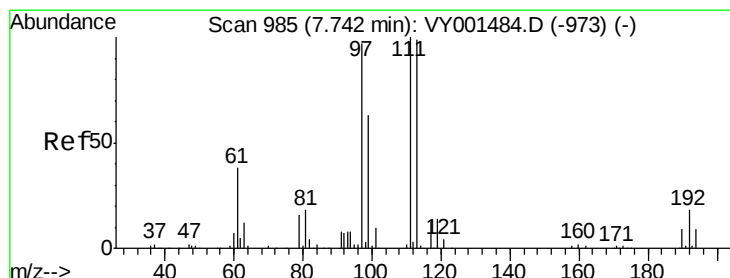
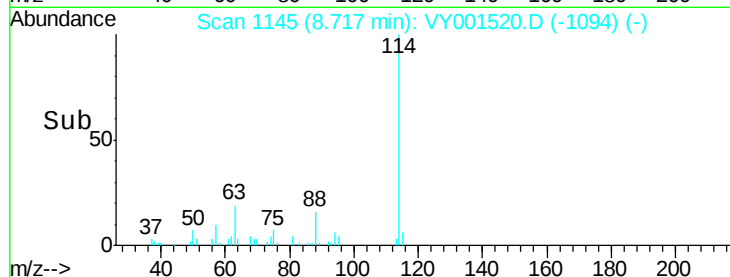
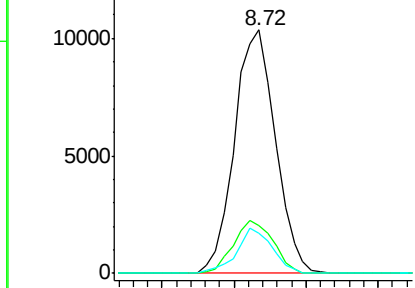
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.8
88	16.4	0.0	32.6



Abundance Ion 113.90 (113.60 to 114.60): V

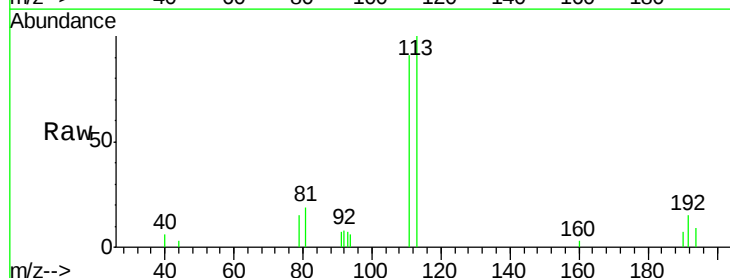
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
Dibromofluoromethane
Concen: 49.939 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001520.D
Acq: 05 Feb 2020 20:09

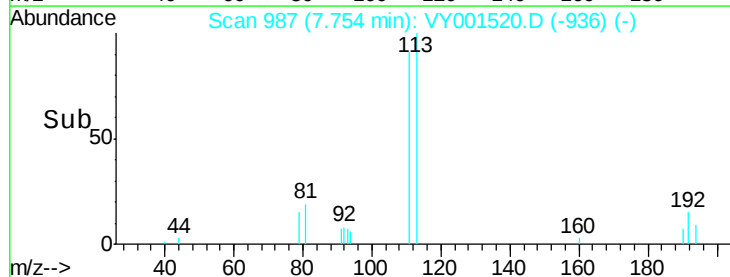
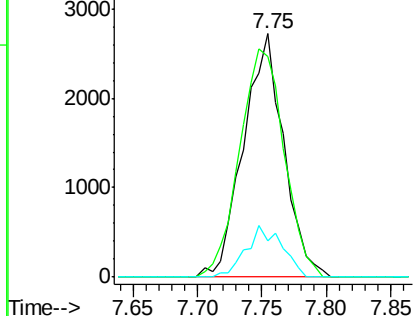
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	18.8	14.6	22.0

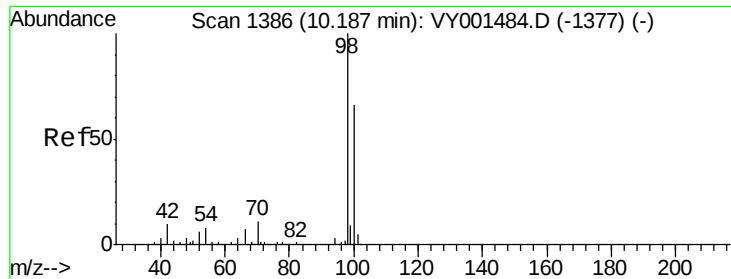


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.936 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001520.D

Acq: 05 Feb 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

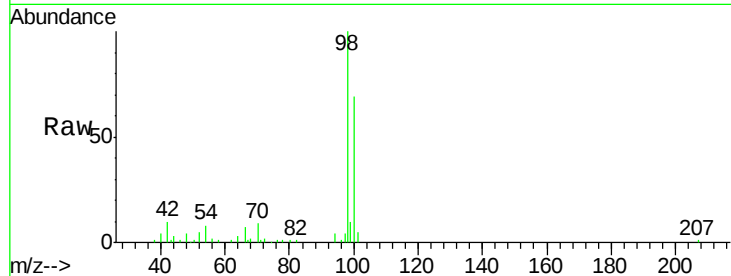
SHORE-RD-PATH-BH-01-A

Tot Ion: 98 Resp: 24003

Ion Ratio Lower Upper

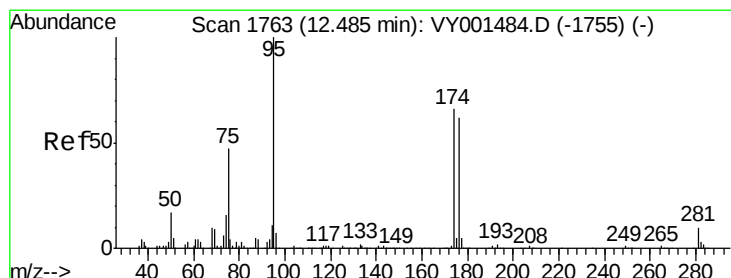
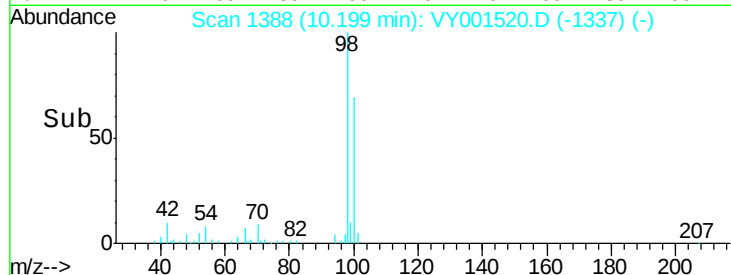
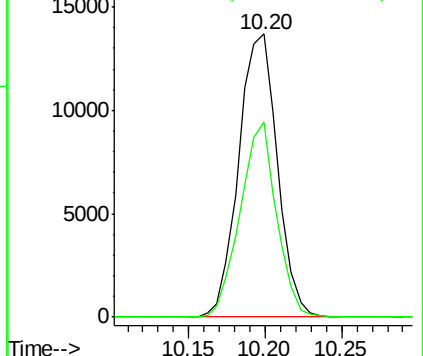
98 100

100 64.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 39.905 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001520.D

Acq: 05 Feb 2020 20:09

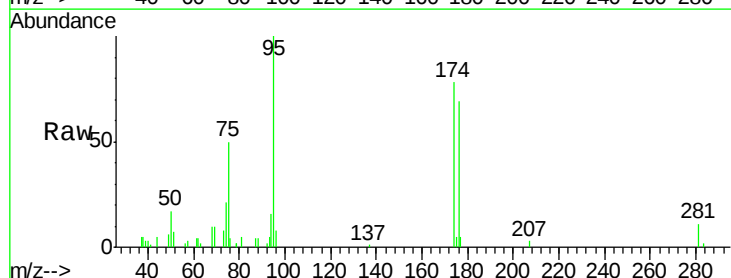
Tgt Ion: 95 Resp: 6996

Ion Ratio Lower Upper

95 100

174 72.8 0.0 141.4

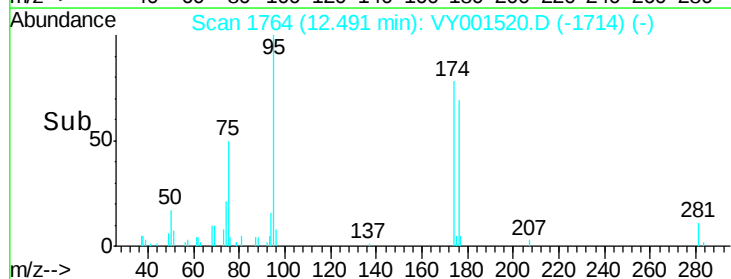
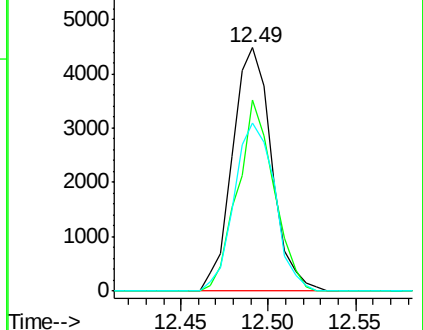
176 71.8 0.0 135.4

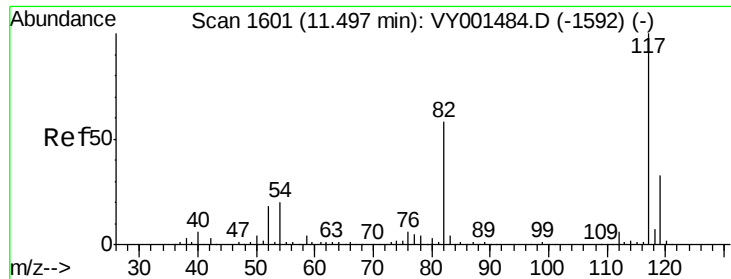


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

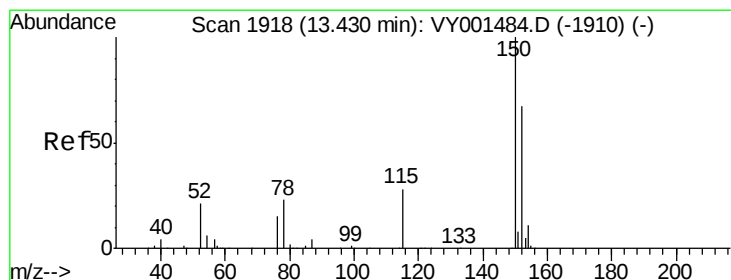
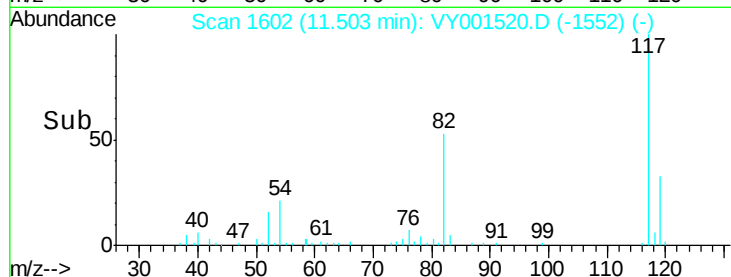
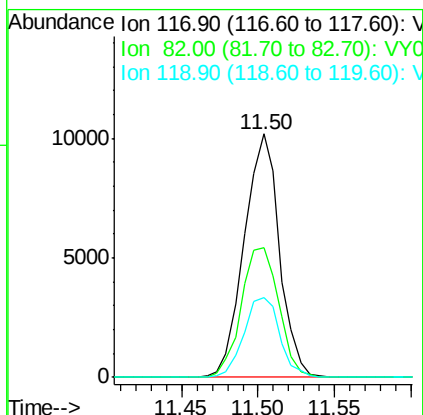
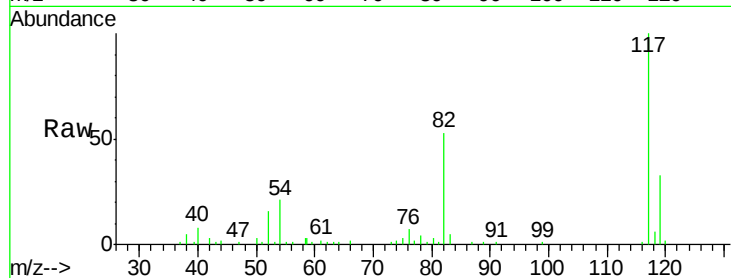




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001520.D
Acq: 05 Feb 2020 20:09

Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-PATH-BH-01-A

Tot Ion:117 Resp: 16297
Ion Ratio Lower Upper
117 100
82 53.2 46.1 69.1
119 33.0 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: VY001520.D
Acq: 05 Feb 2020 20:09

Tgt Ion:152 Resp: 5589
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 151.4 0.0 346.8

