

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001521.D
 Acq On : 05 Feb 2020 20:31
 Operator : SY/MD
 Sample : L1408-04
 Misc : 4.78G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Feb 06 08:10:13 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	8047	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	16264	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	16222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	7764	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	6670	82.32	ug/l	0.01
Spiked Amount			Recovery	=	164.64%	
35) Dibromofluoromethane	7.75	113	4966	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
50) Toluene-d8	10.20	98	18637	52.52	ug/l	0.01
Spiked Amount			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.50	95	8182	58.53	ug/l	0.01
Spiked Amount			Recovery	=	117.06%	

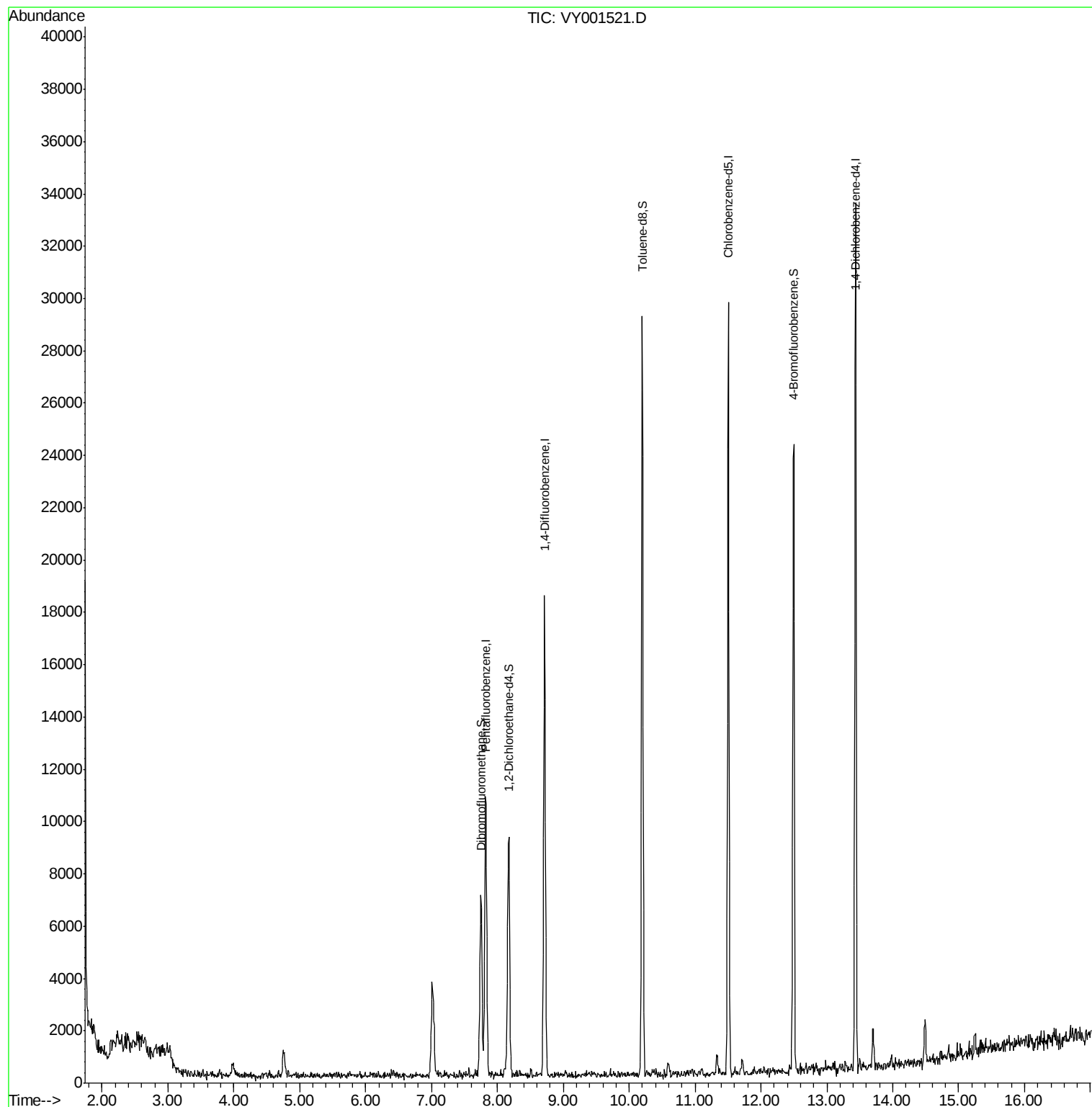
Target Compounds	Qvalue
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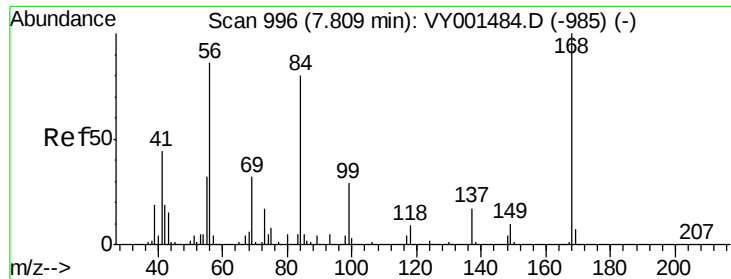
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001521.D

Acq: 05 Feb 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

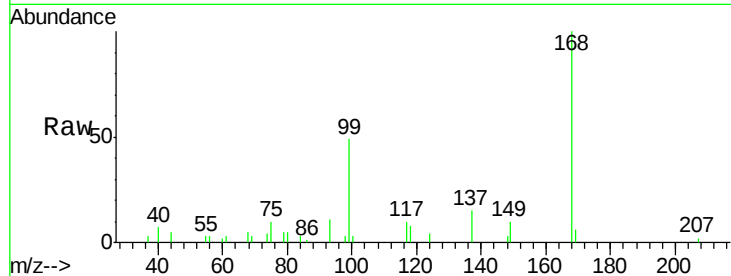
SHORE-RD-PATH-BH-01-B

Tot Ion:168 Resp: 8047

Ion Ratio Lower Upper

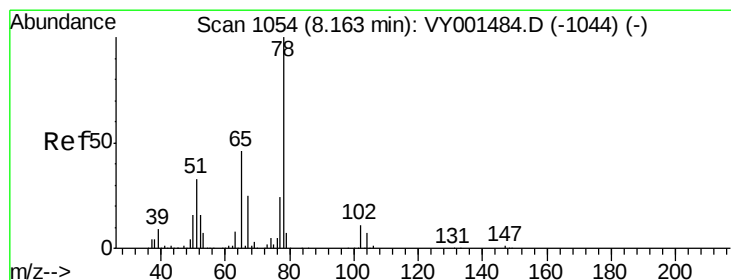
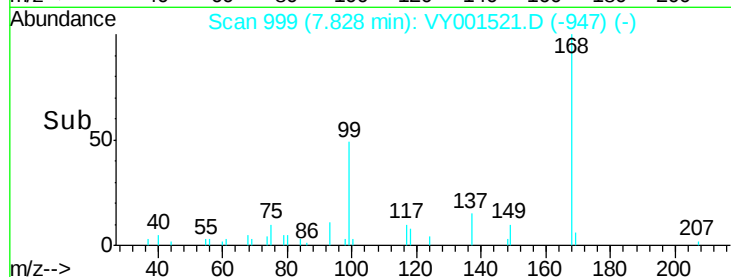
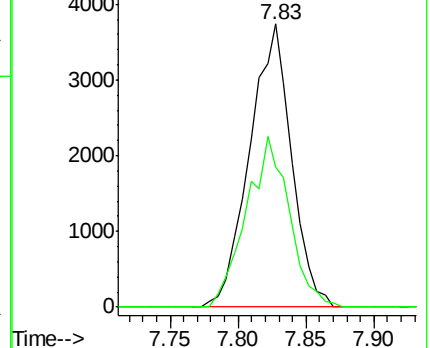
168 100

99 49.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001521.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001521.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 82.324 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001521.D

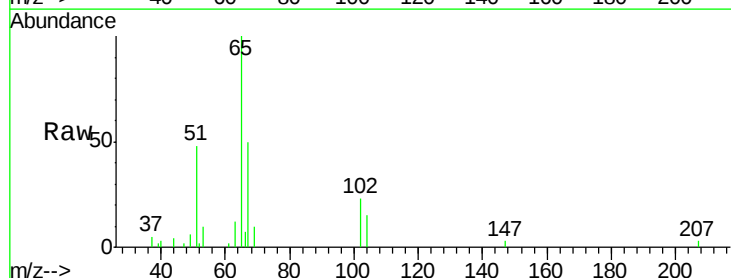
Acq: 05 Feb 2020 20:31

Tgt Ion: 65 Resp: 6670

Ion Ratio Lower Upper

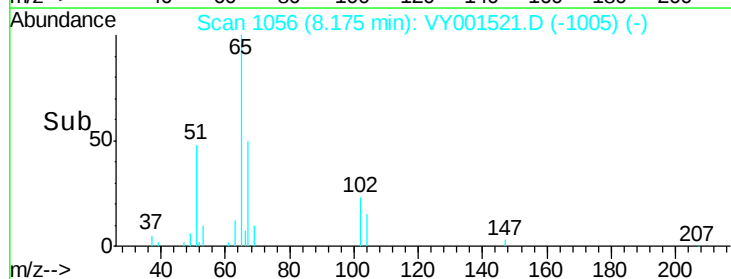
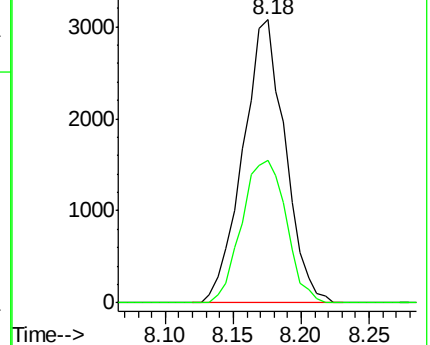
65 100

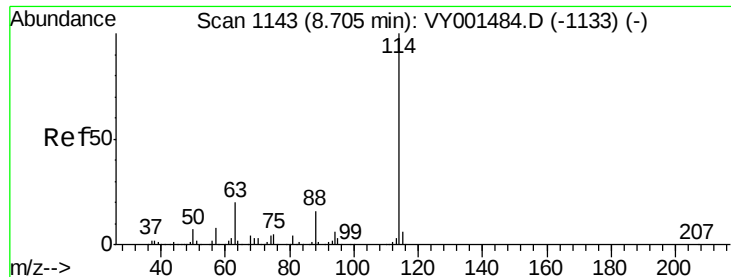
67 52.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001521.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001521.D (-1005) (-)

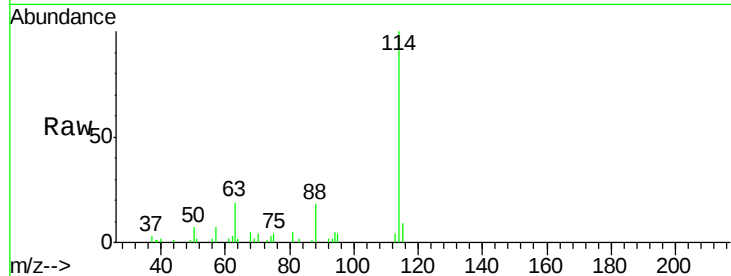




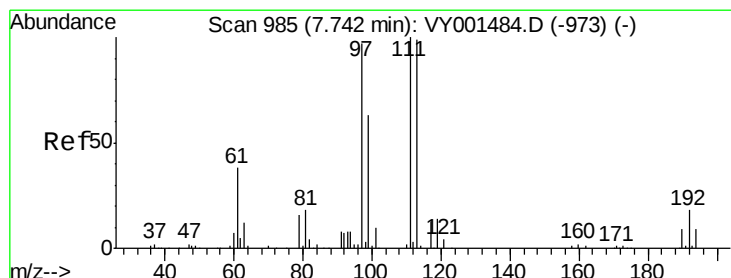
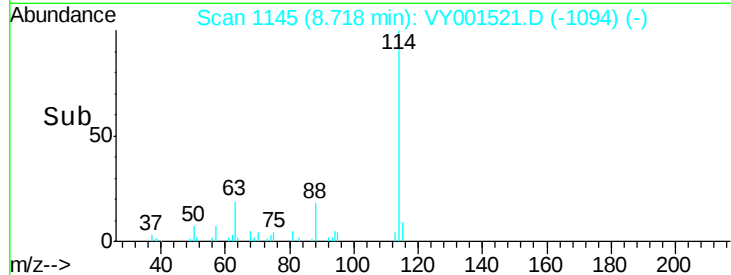
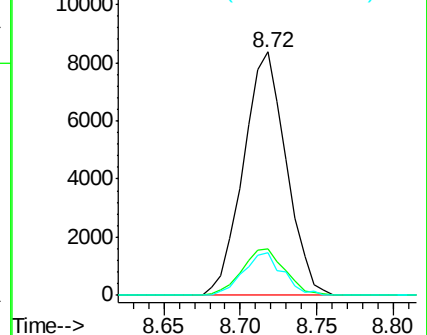
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001521.D
 Acq: 05 Feb 2020 20:31

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

Tot Ion:114 Resp: 16264
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.8
 88 17.5 0.0 32.6

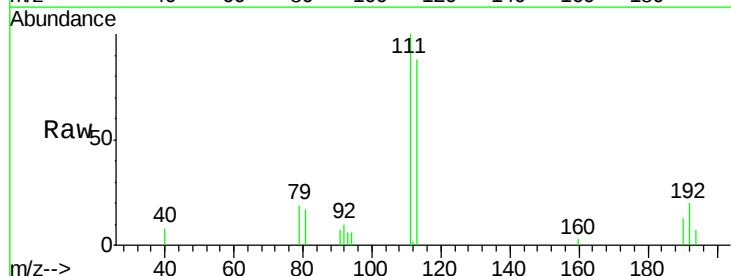


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

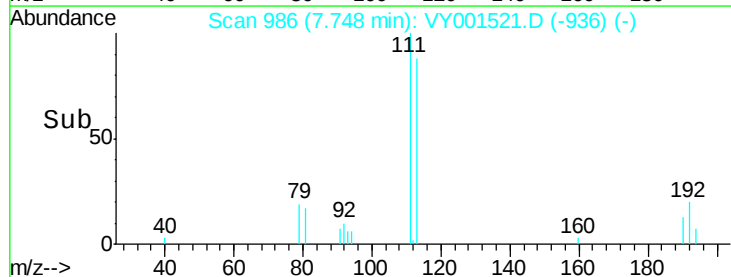
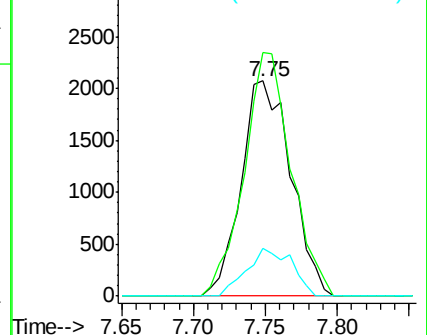


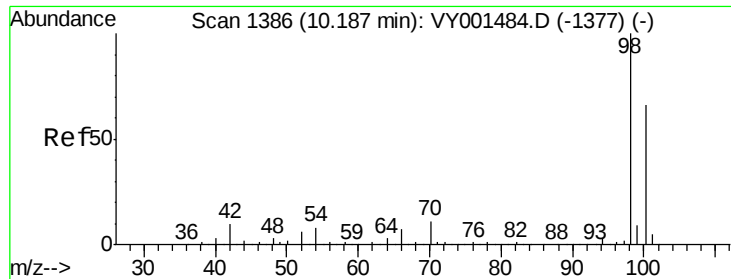
#35
 Dibromofluoromethane
 Concen: 52.950 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001521.D
 Acq: 05 Feb 2020 20:31

Tgt Ion:113 Resp: 4966
 Ion Ratio Lower Upper
 113 100
 111 106.8 82.9 124.3
 192 20.1 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: 52.523 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001521.D

Acq: 05 Feb 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

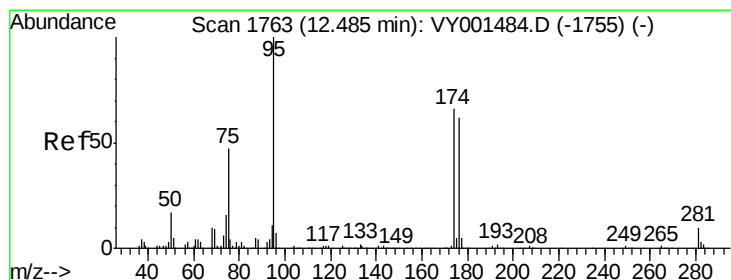
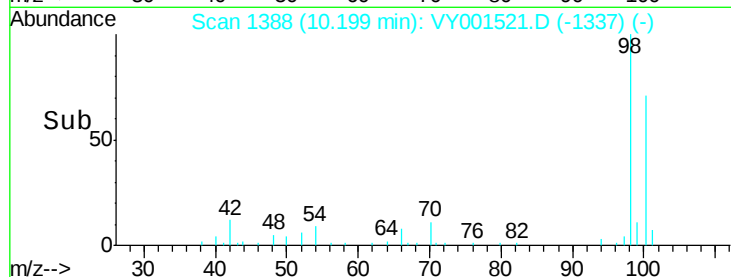
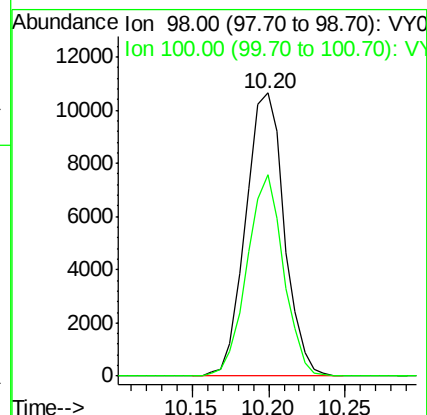
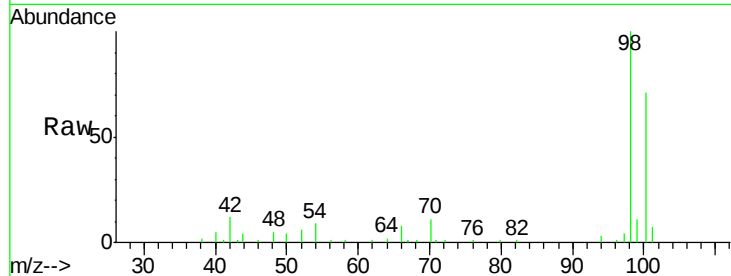
SHORE-RD-PATH-BH-01-B

Tot Ion: 98 Resp: 18637

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 58.533 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001521.D

Acq: 05 Feb 2020 20:31

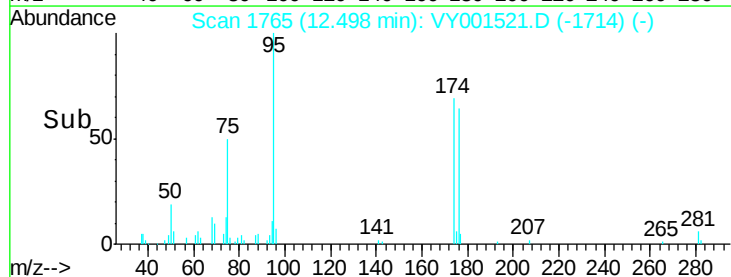
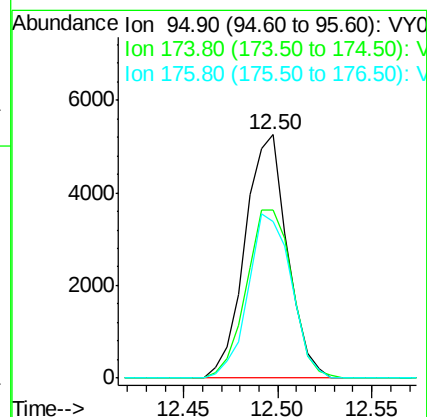
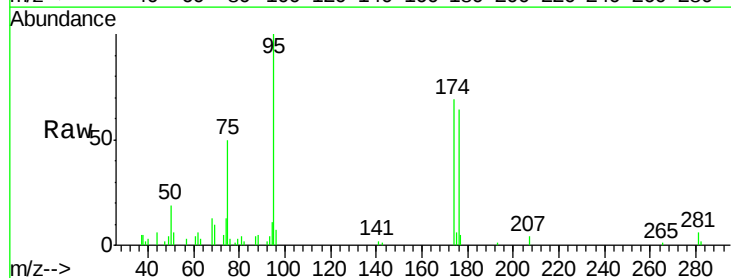
Tgt Ion: 95 Resp: 8182

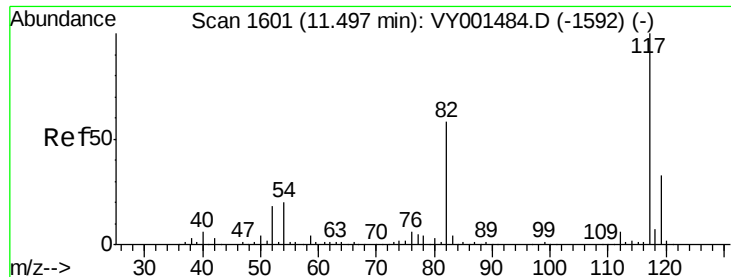
Ion Ratio Lower Upper

95 100

174 74.3 0.0 141.4

176 68.6 0.0 135.4

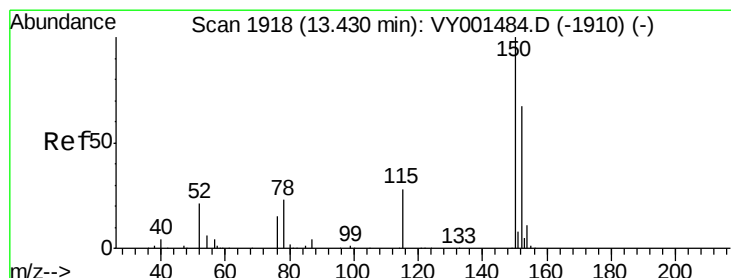
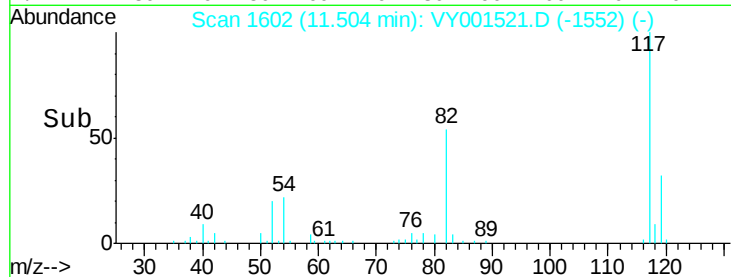
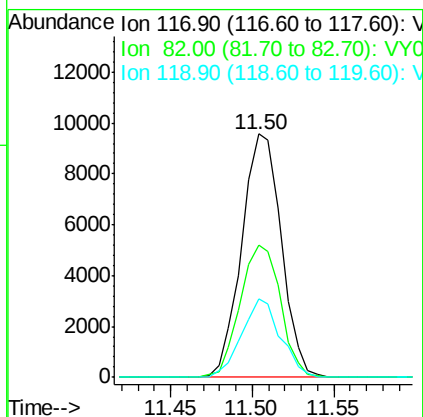
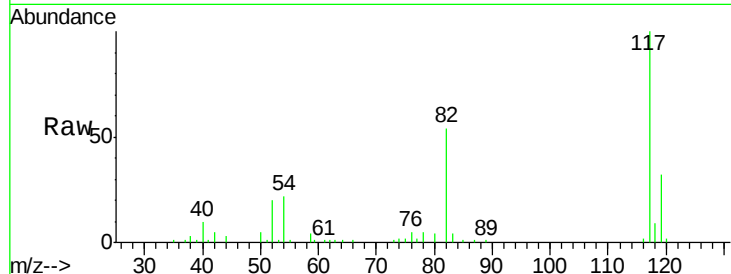




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001521.D
Acq: 05 Feb 2020 20:31

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

Tot Ion:117 Resp: 16222
Ion Ratio Lower Upper
117 100
82 54.4 46.1 69.1
119 32.5 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: VY001521.D
Acq: 05 Feb 2020 20:31

Tgt Ion:152 Resp: 7764
Ion Ratio Lower Upper
152 100
115 62.8 31.4 94.3
150 156.4 0.0 346.8

