

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001540.D
 Acq On : 06 Feb 2020 18:47
 Operator : SY/MD
 Sample : L1408-16
 Misc : 5.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SHORE-RD-PATH-BH-02-A

Quant Time: Feb 07 05:34:15 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	151137	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	277423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	253192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	110145	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	91678	60.25	ug/l	0.00
Spiked Amount			Recovery	=	120.50%	
35) Dibromofluoromethane	7.75	113	83312	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
50) Toluene-d8	10.19	98	327730	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	
62) 4-Bromofluorobenzene	12.49	95	117199	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	

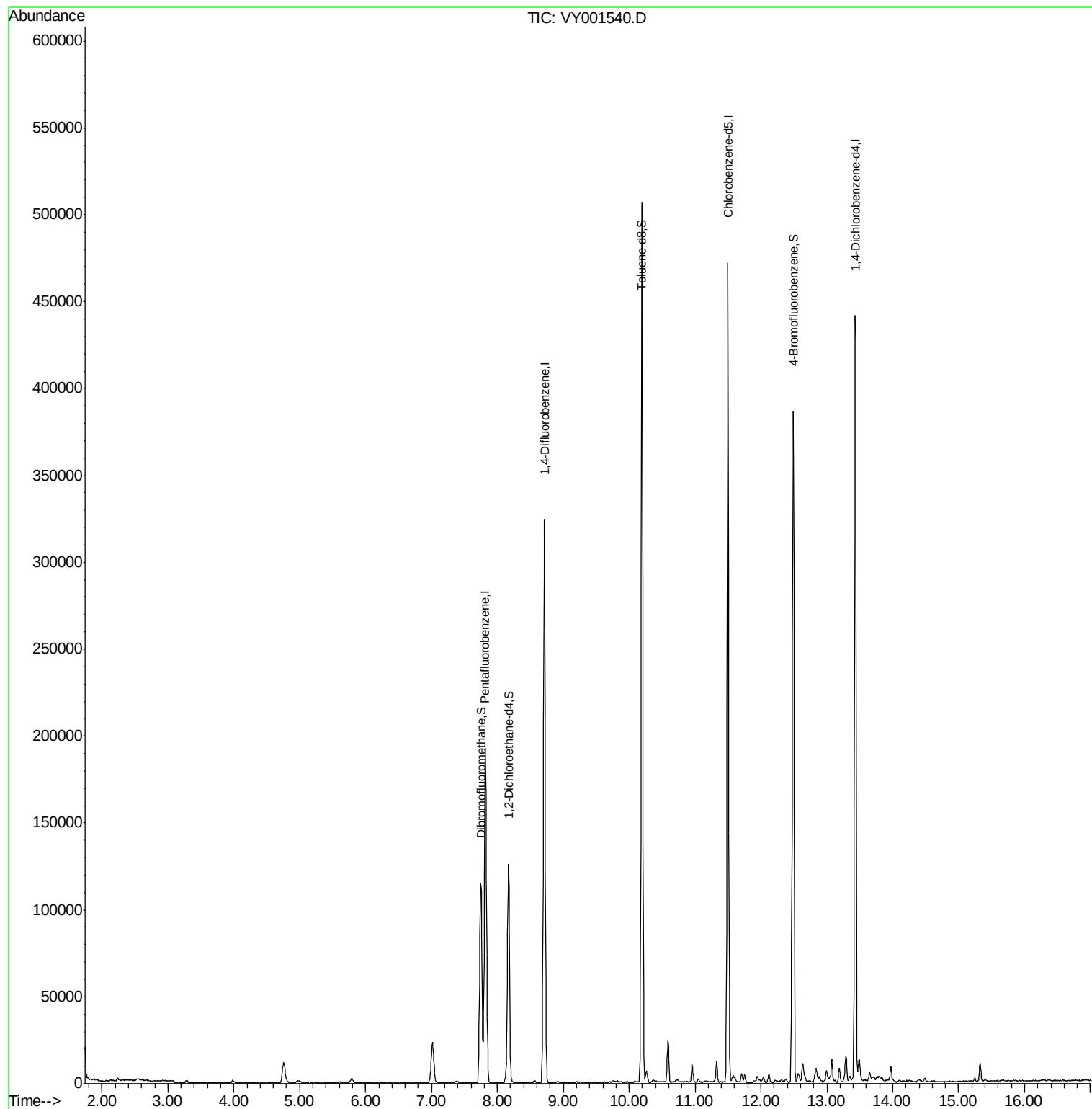
Target Compounds	Qvalue
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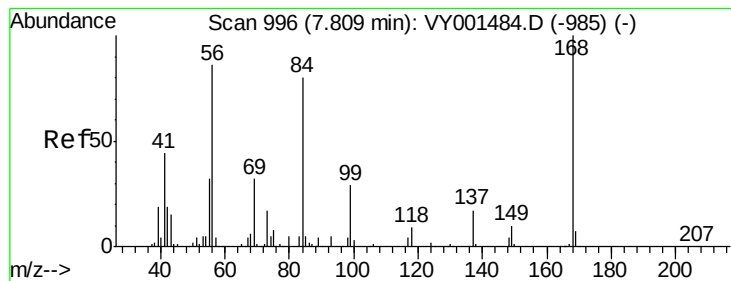
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001540.D

Acq: 06 Feb 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

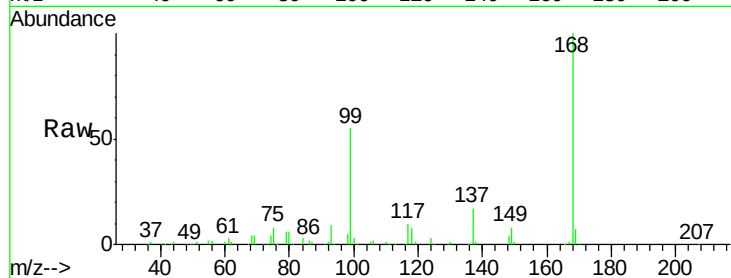
SHORE-RD-PATH-BH-02-A

Tot Ion:168 Resp: 151137

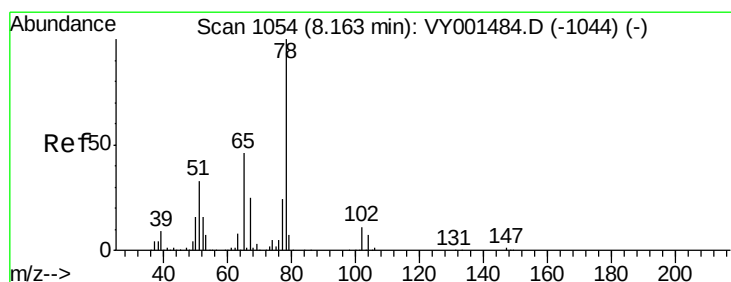
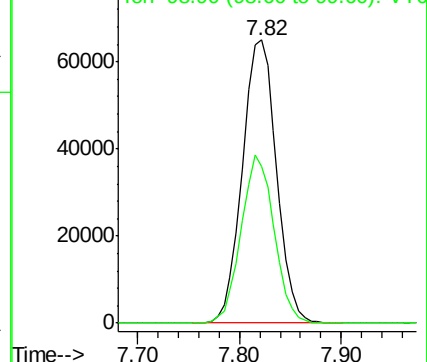
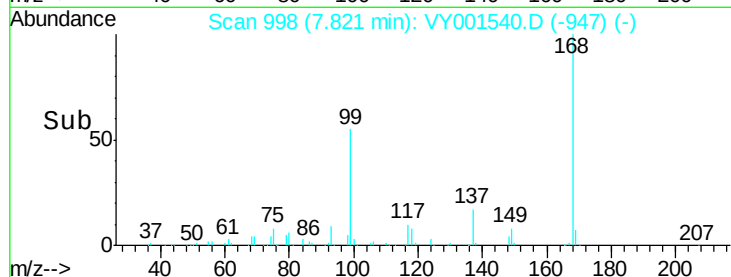
Ion Ratio Lower Upper

168 100

99 55.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001540.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 60.246 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001540.D

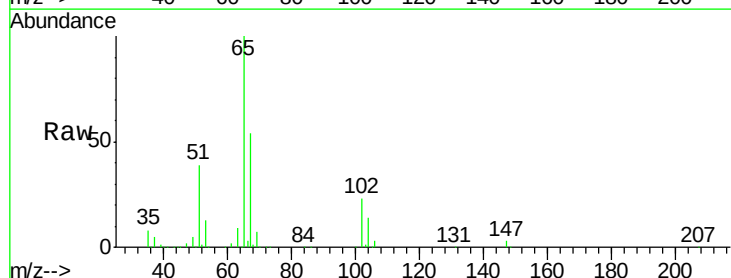
Acq: 06 Feb 2020 18:47

Tgt Ion: 65 Resp: 91678

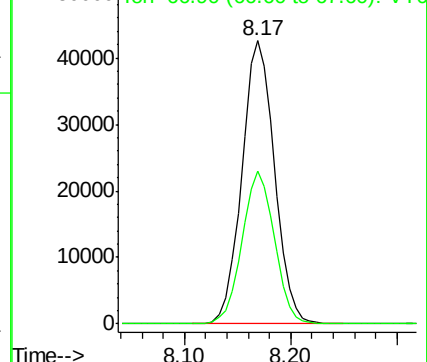
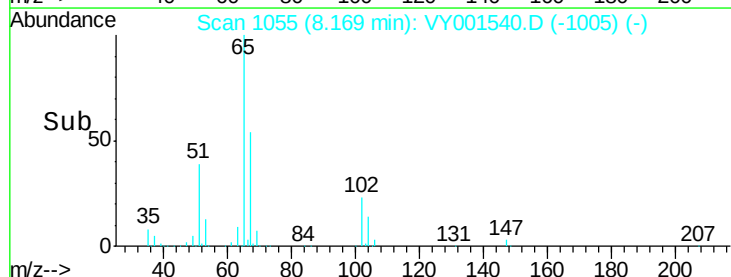
Ion Ratio Lower Upper

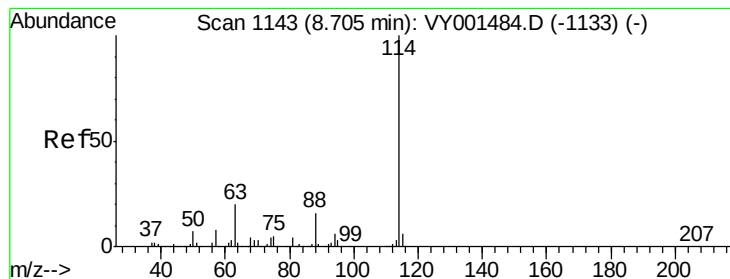
65 100

67 53.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001540.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001540.D

Acq: 06 Feb 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

SHORE-RD-PATH-BH-02-A

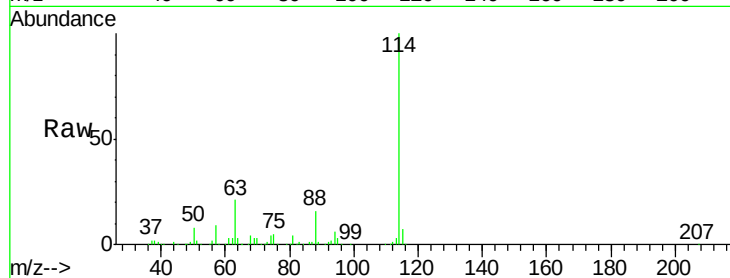
Tot Ion:114 Resp: 277423

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.8

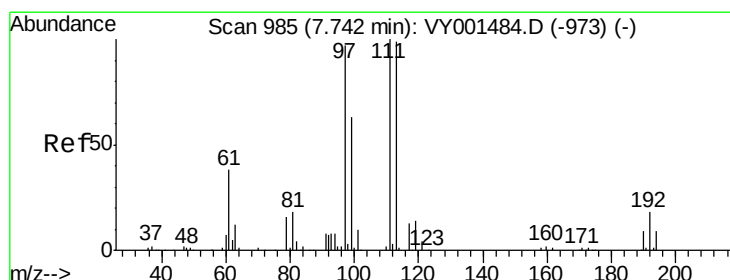
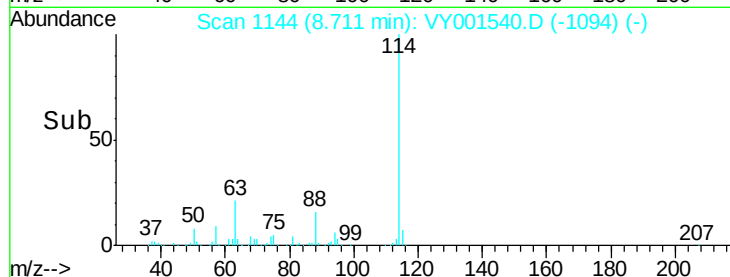
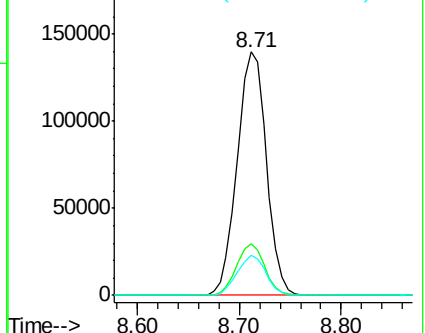
88 16.4 0.0 32.6



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: 52.078 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001540.D

Acq: 06 Feb 2020 18:47

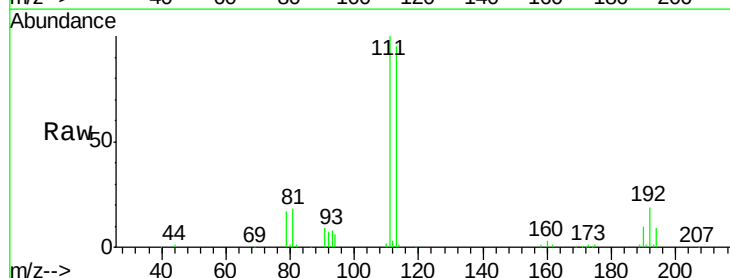
Tgt Ion:113 Resp: 83312

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

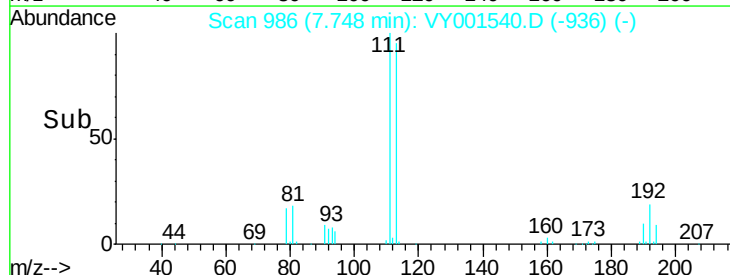
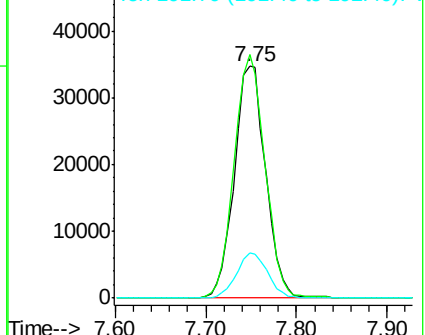
192 19.4 14.6 22.0

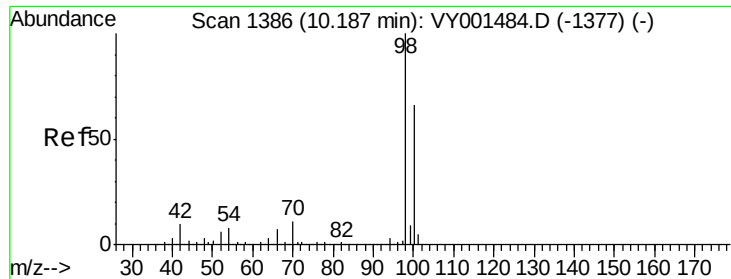


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.147 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001540.D

Acq: 06 Feb 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

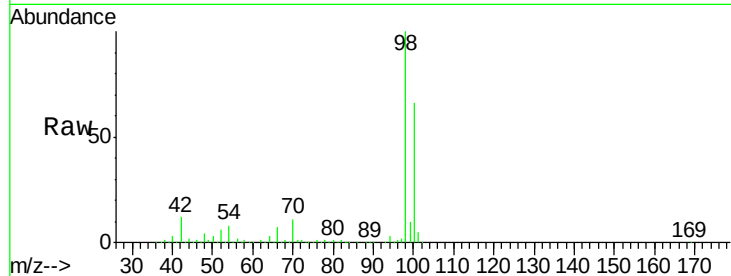
SHORE-RD-PATH-BH-02-A

Tot Ion: 98 Resp: 327730

Ion Ratio Lower Upper

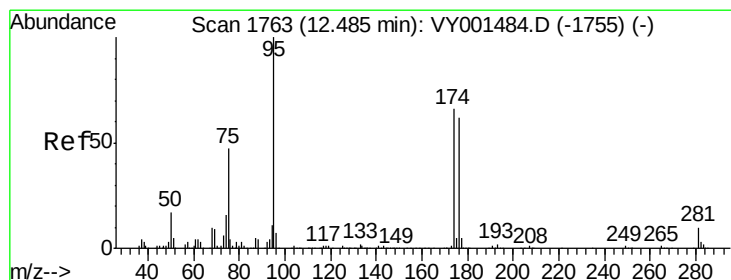
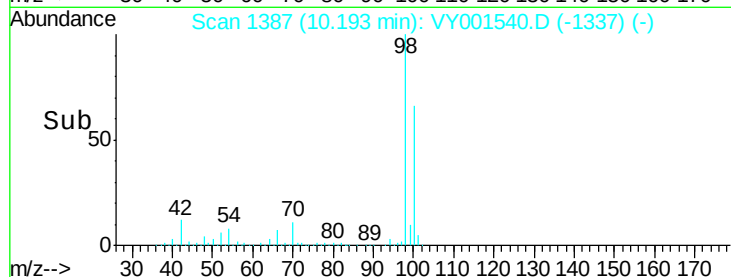
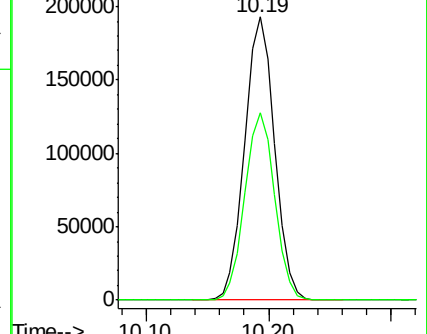
98 100

100 66.0 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: 49.153 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001540.D

Acq: 06 Feb 2020 18:47

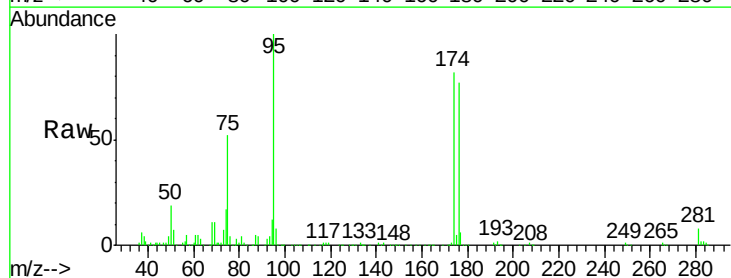
Tgt Ion: 95 Resp: 117199

Ion Ratio Lower Upper

95 100

174 76.7 0.0 141.4

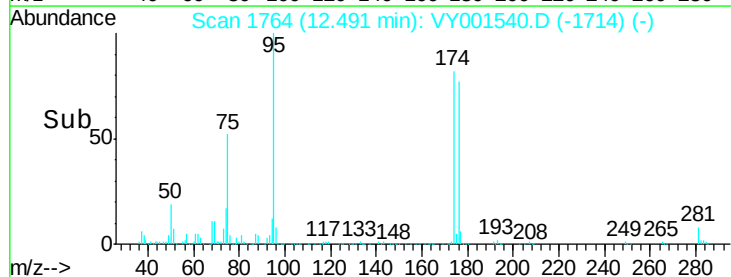
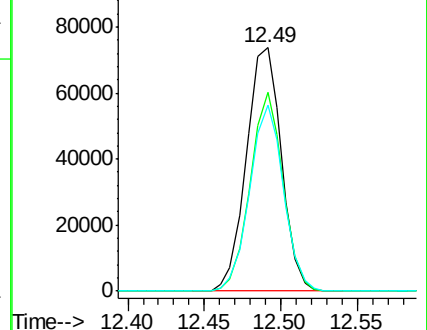
176 73.7 0.0 135.4

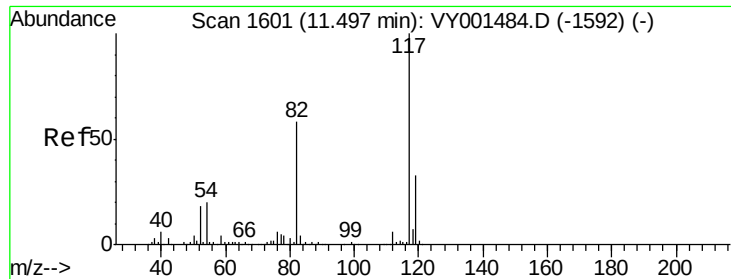


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

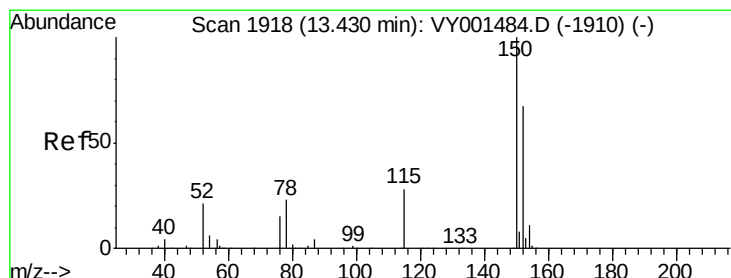
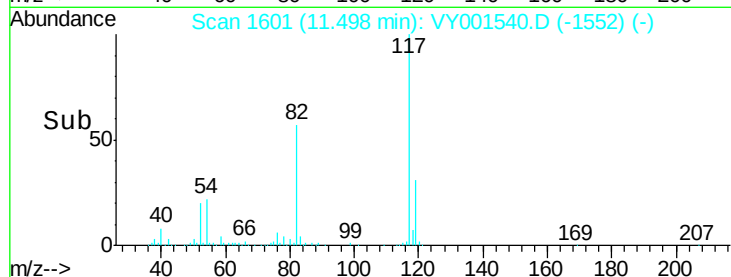
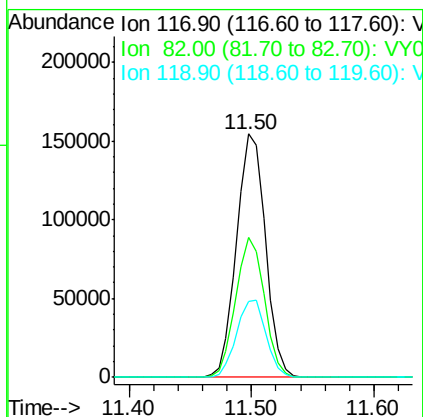
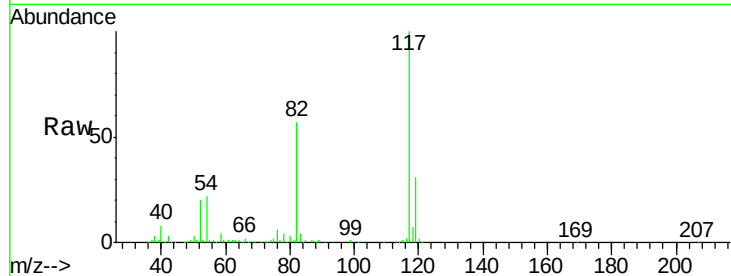




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001540.D
Acq: 06 Feb 2020 18:47

Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-PATH-BH-02-A

Tot Ion:117 Resp: 253192
Ion Ratio Lower Upper
117 100
82 57.2 46.1 69.1
119 31.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001540.D
Acq: 06 Feb 2020 18:47

Tgt Ion:152 Resp: 110145
Ion Ratio Lower Upper
152 100
115 58.7 31.4 94.3
150 156.9 0.0 346.8

