

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002198.D
 Acq On : 02 Apr 2020 17:28
 Operator : SY/MD
 Sample : L2132-11
 Misc : 3.82G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CLEAN-GRAVEL

Quant Time: Apr 03 04:41:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	121308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	242738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	229342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	101602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	81035	60.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.86%	
35) Dibromofluoromethane	7.74	113	73006	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	10.19	98	296843	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.49	95	103076	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	

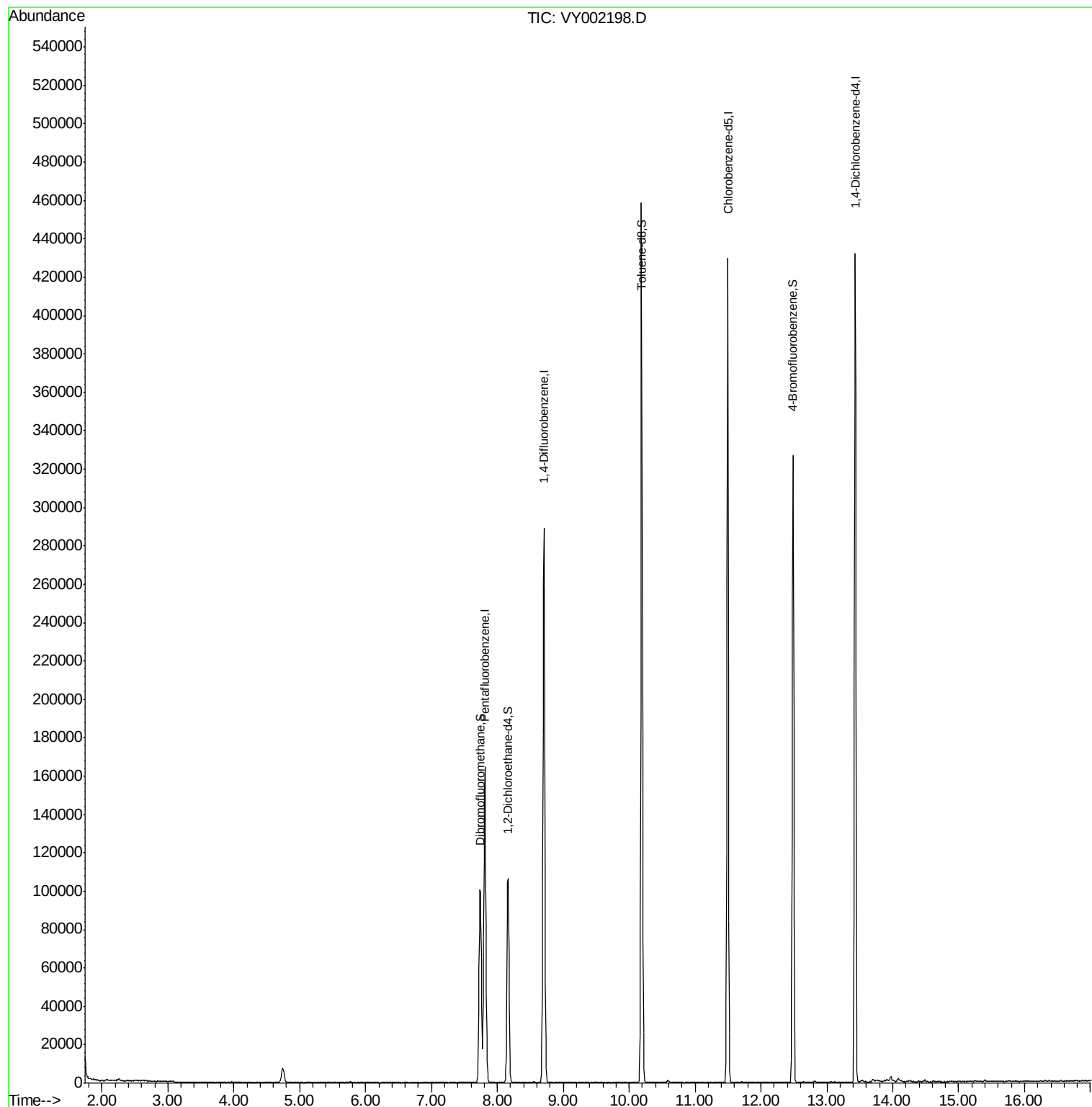
Target Compounds Qvalue

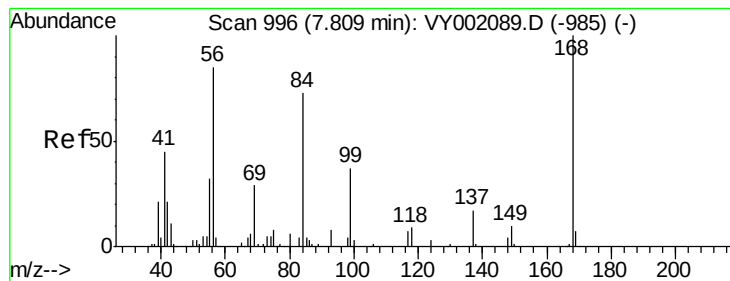
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

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MSVOA_Y

ClientSampleId :

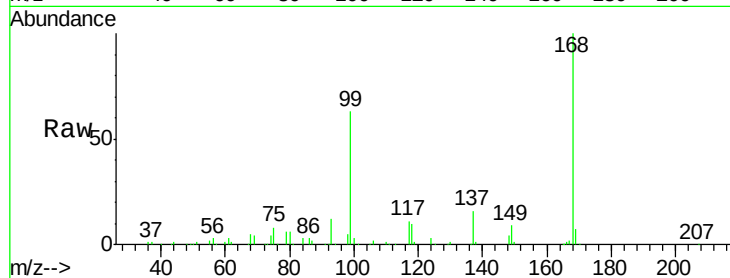
CLEAN-GRAVEL

Tot Ion:168 Resp: 121308

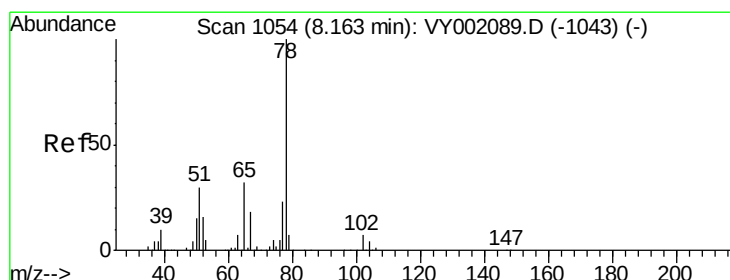
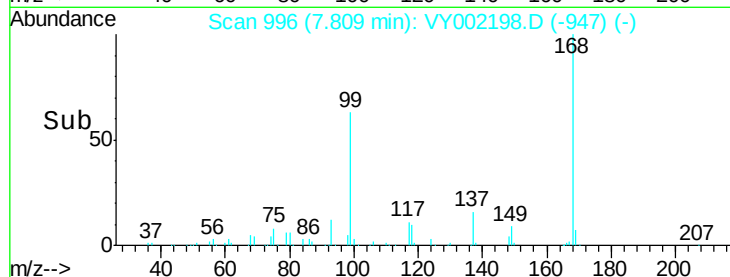
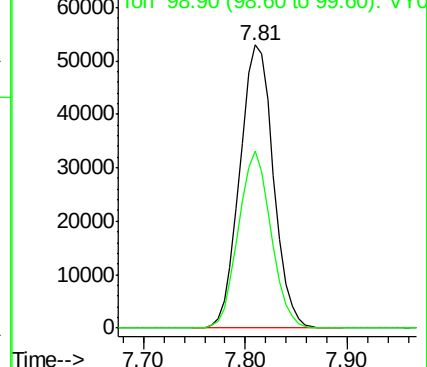
Ion Ratio Lower Upper

168 100

99 62.6 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002198.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 60.428 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002198.D

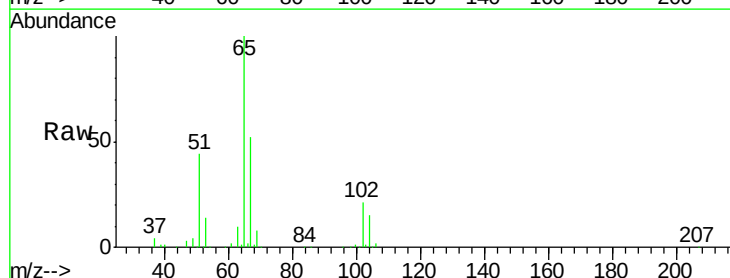
Acq: 02 Apr 2020 17:28

Tgt Ion: 65 Resp: 81035

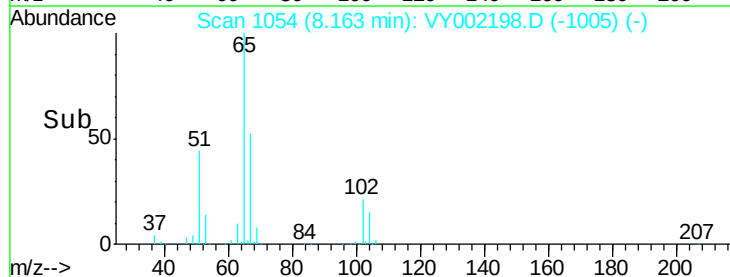
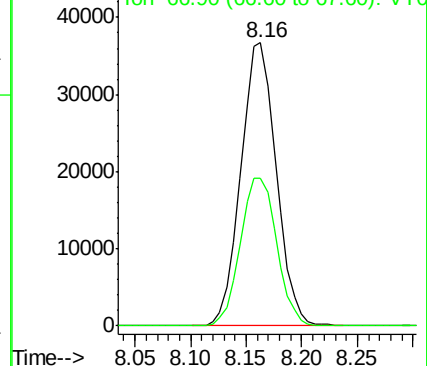
Ion Ratio Lower Upper

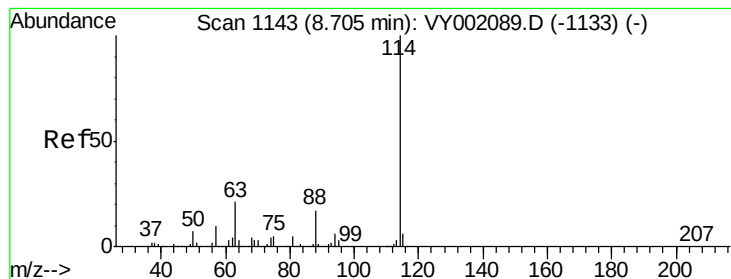
65 100

67 53.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002198.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002198.D

Acq: 02 Apr 2020 17:28

Instrument :

MSVOA_Y

ClientSampleId :

CLEAN-GRAVEL

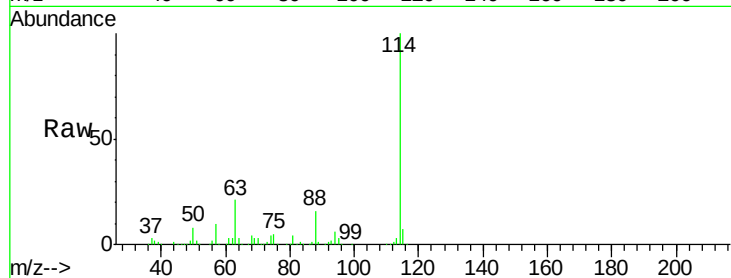
Tot Ion:114 Resp: 242738

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

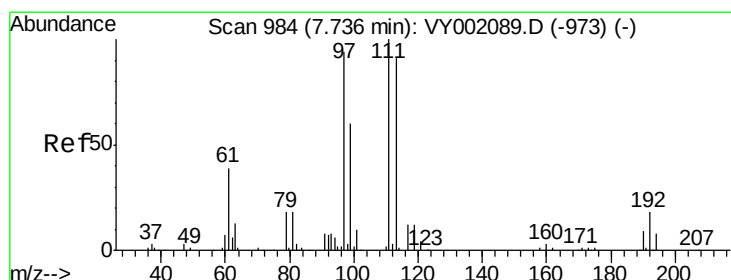
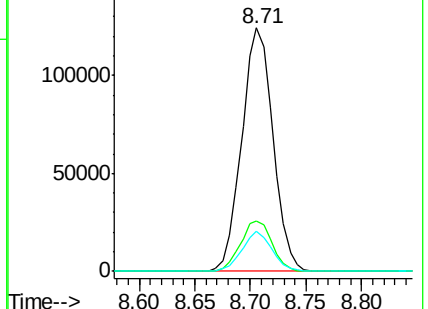
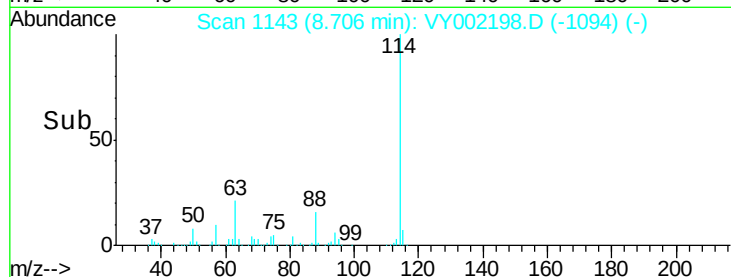
88 16.3 0.0 33.0



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: 53.677 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002198.D

Acq: 02 Apr 2020 17:28

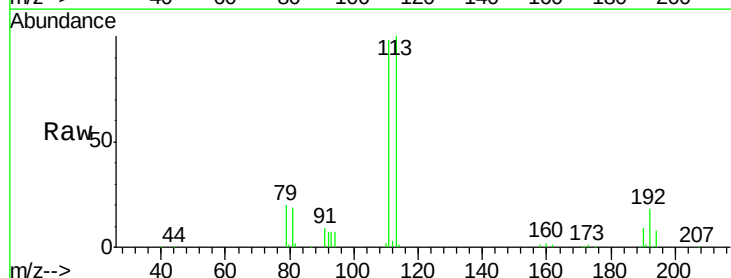
Tgt Ion:113 Resp: 73006

Ion Ratio Lower Upper

113 100

111 101.2 84.4 126.6

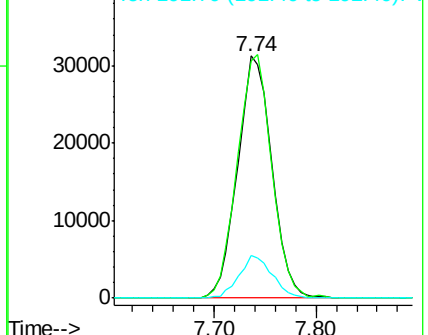
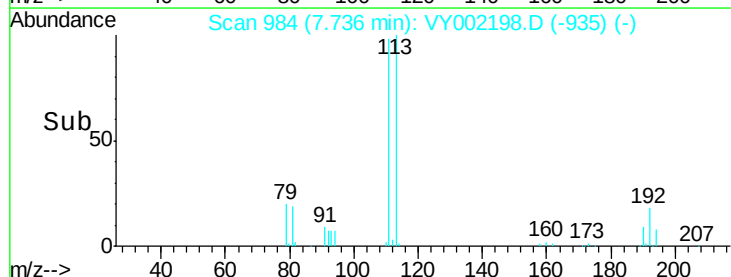
192 16.9 14.6 21.8

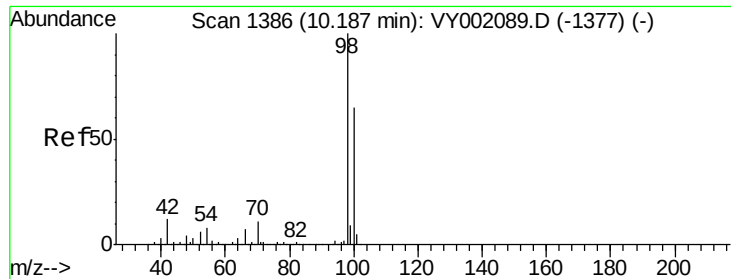


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

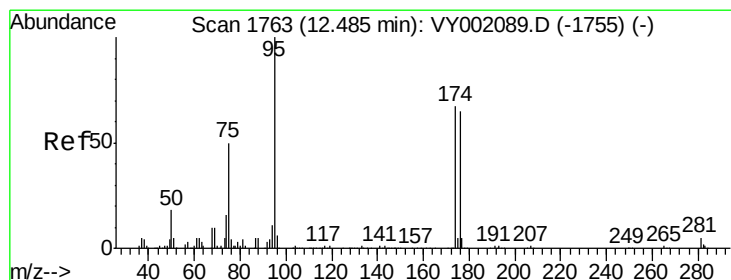
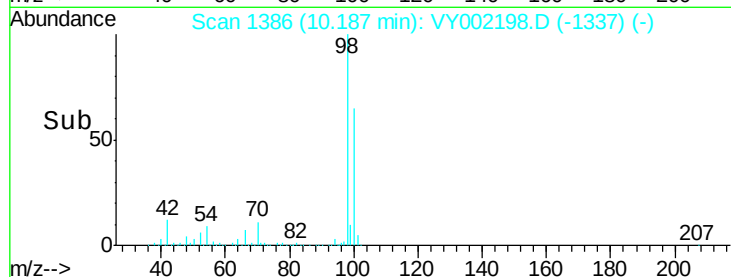
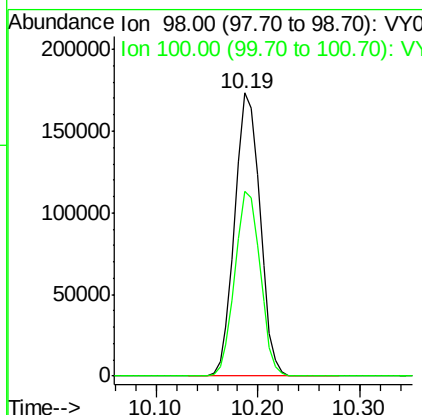
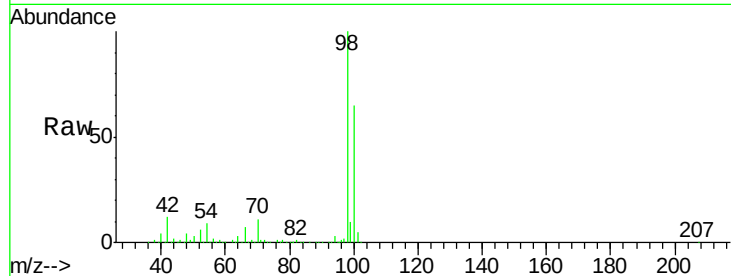




#50
Toluene-d8
Concen: 52.537 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002198.D
Acq: 02 Apr 2020 17:28

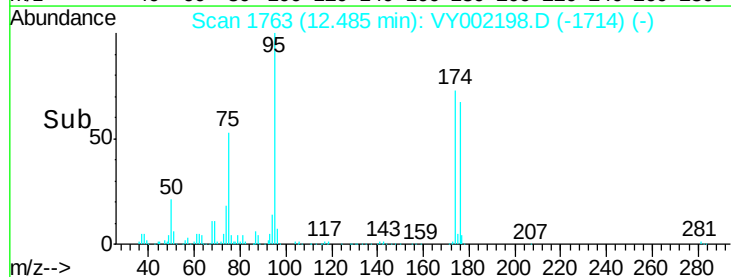
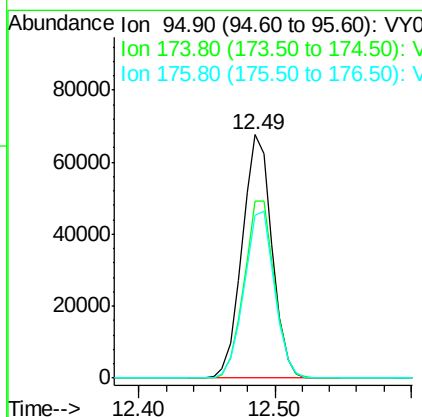
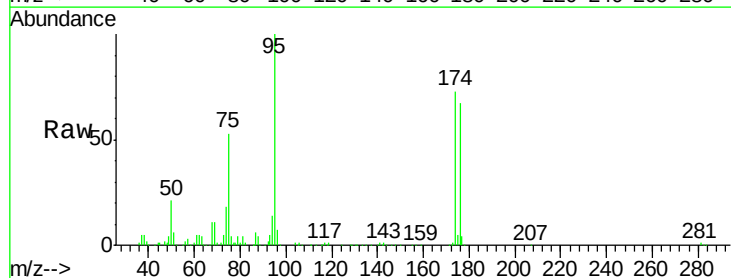
Instrument :
MSVOA_Y
ClientSampleId :
CLEAN-GRAVEL

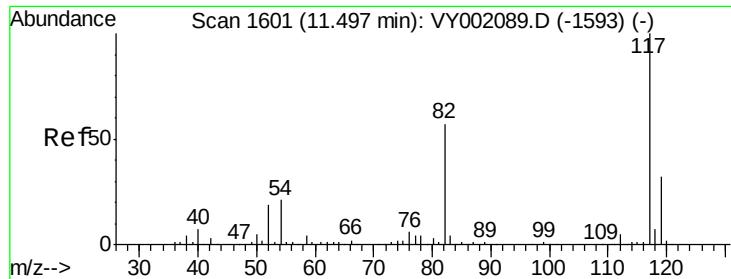
Tot Ion: 98 Resp: 296843
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 52.163 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002198.D
Acq: 02 Apr 2020 17:28

Tgt Ion: 95 Resp: 103076
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.4
176 70.3 0.0 137.0

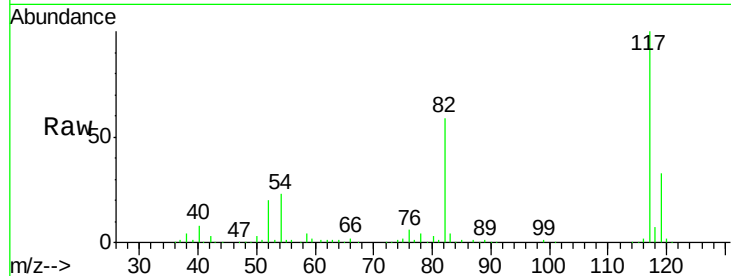




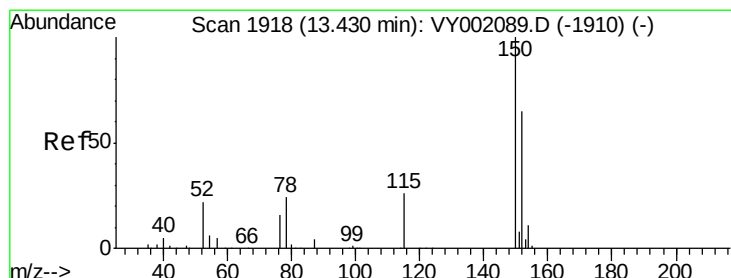
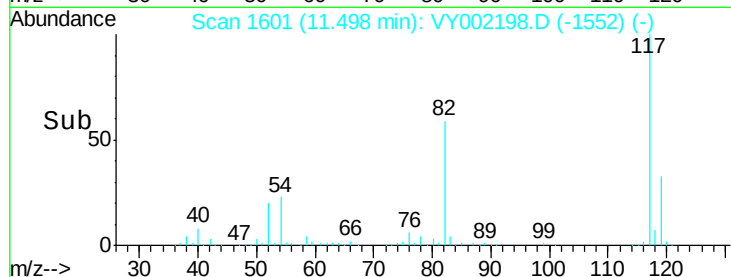
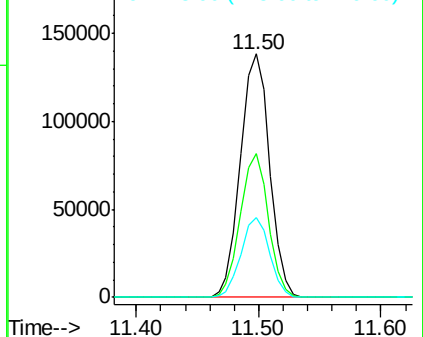
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002198.D
Acq: 02 Apr 2020 17:28

Instrument :
MSVOA_Y
ClientSampleId :
CLEAN-GRAVEL

Tot Ion:117 Resp: 229342
Ion Ratio Lower Upper
117 100
82 58.9 45.4 68.2
119 33.0 25.3 37.9

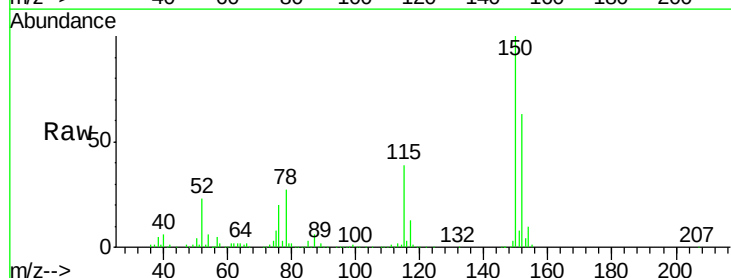


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002198.D
Acq: 02 Apr 2020 17:28

Tgt Ion:152 Resp: 101602
Ion Ratio Lower Upper
152 100
115 62.1 31.2 93.6
150 158.4 0.0 354.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

