

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012618.D
 Acq On : 15 Feb 2023 16:48
 Operator : KP/MD
 Sample : 01559-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW10-GW-743-745

Quant Time: Feb 16 00:59:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	160847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96801	47.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.660%
35) Dibromofluoromethane	7.716	113	81267	40.954	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.900%
50) Toluene-d8	10.179	98	339343	41.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.180%
62) 4-Bromofluorobenzene	12.477	95	132898	46.130	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.260%

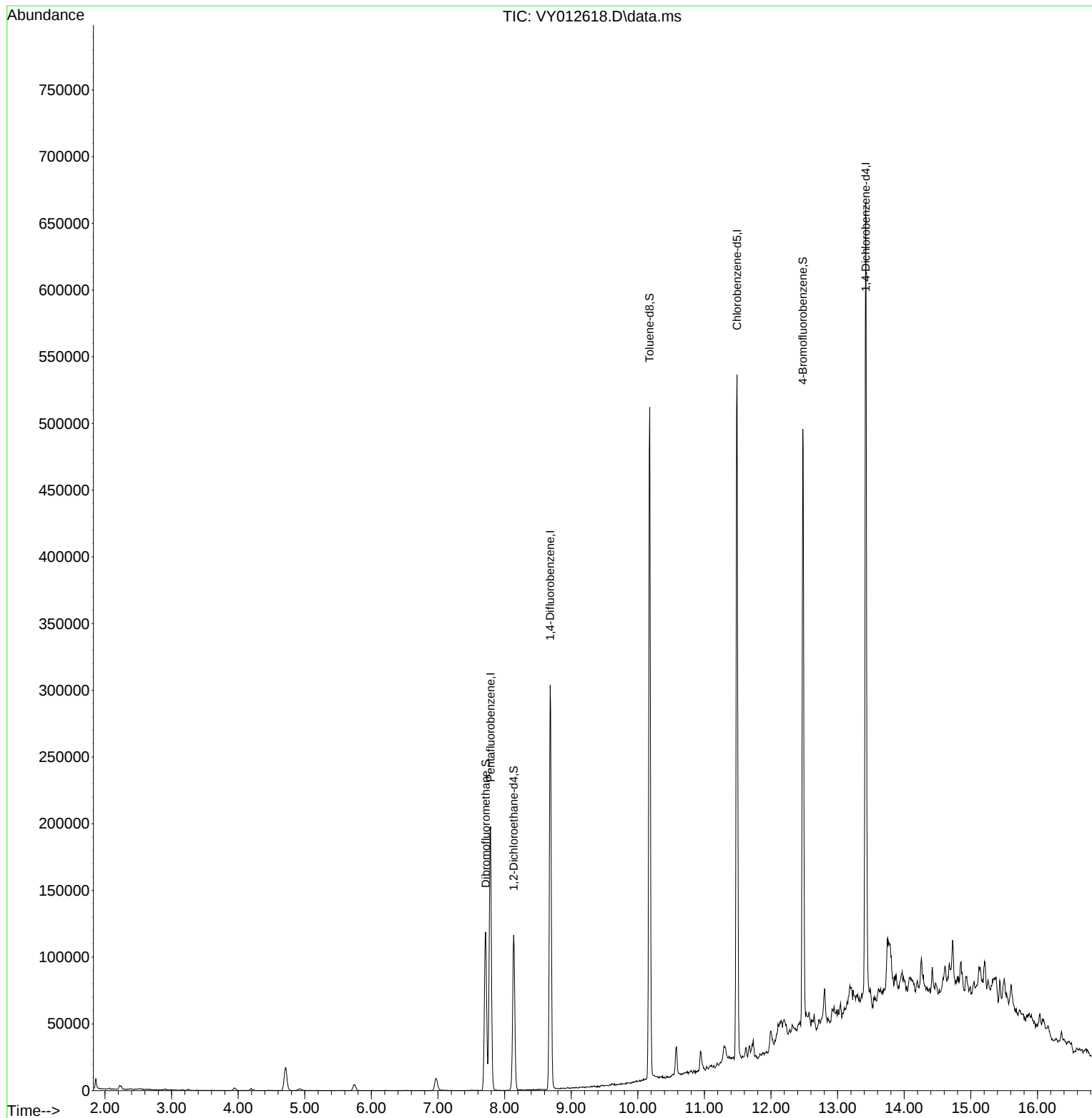
Target Compounds	Qvalue

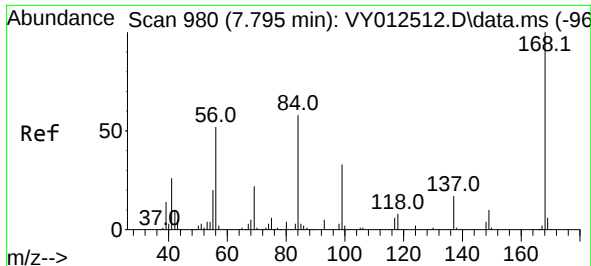
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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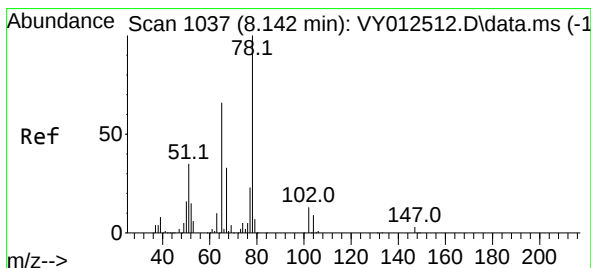
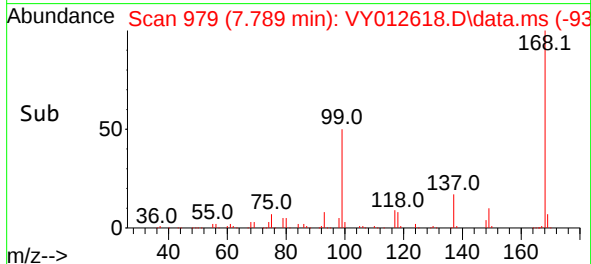
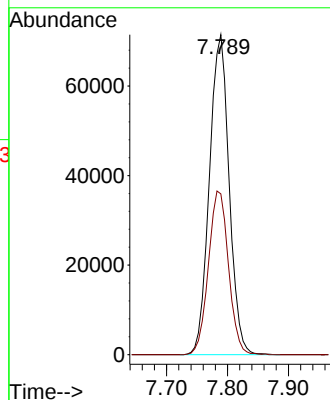
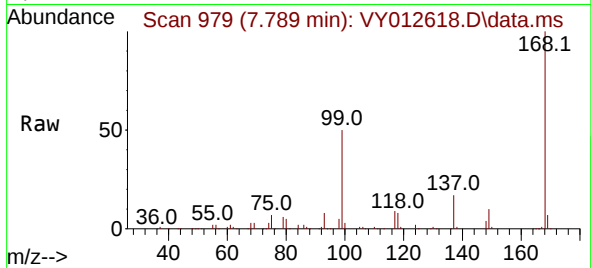




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012618.D
Acq: 15 Feb 2023 16:48

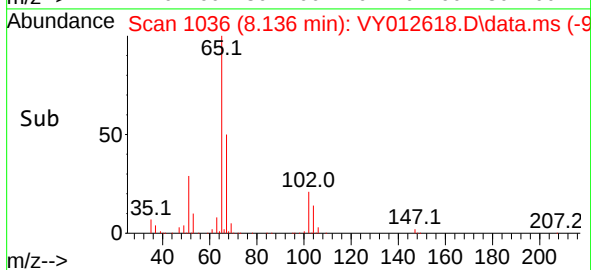
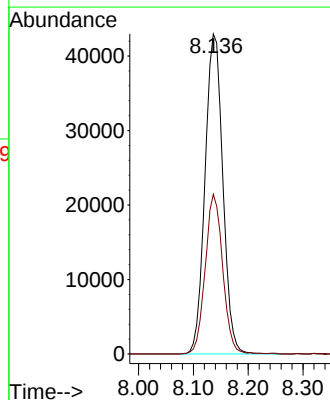
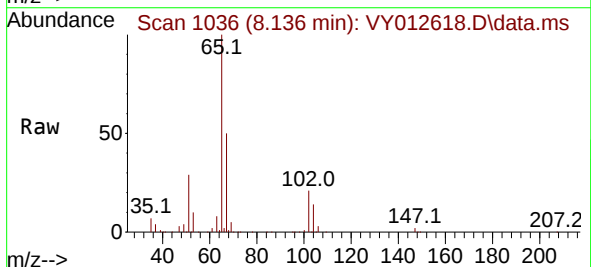
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-743-745

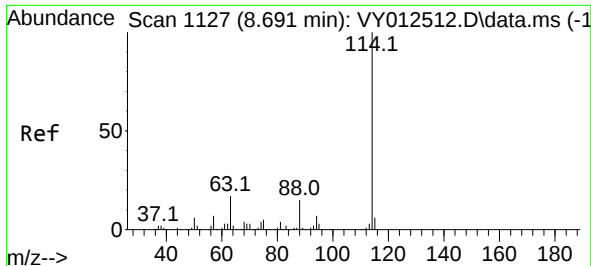
Tgt Ion:168 Resp: 160847
Ion Ratio Lower Upper
168 100
99 50.2 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 47.327 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012618.D
Acq: 15 Feb 2023 16:48

Tgt Ion: 65 Resp: 96801
Ion Ratio Lower Upper
65 100
67 49.0 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012618.D

Acq: 15 Feb 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW10-GW-743-745

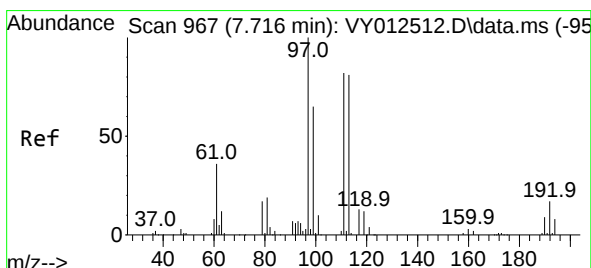
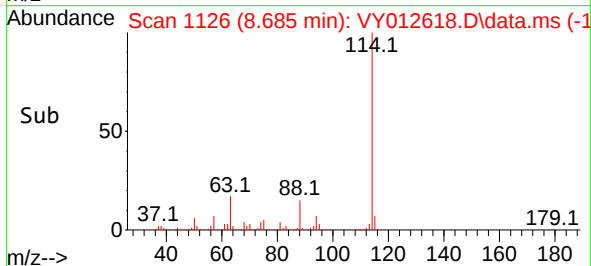
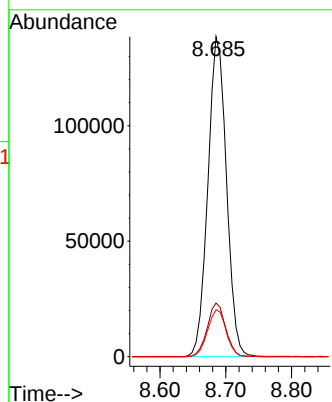
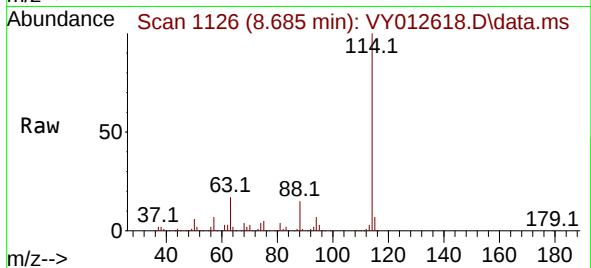
Tgt Ion:114 Resp: 272481

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.6

88 14.6 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.954 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012618.D

Acq: 15 Feb 2023 16:48

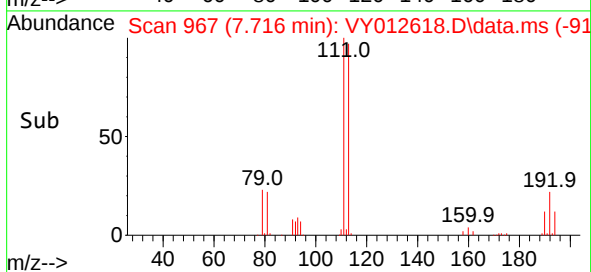
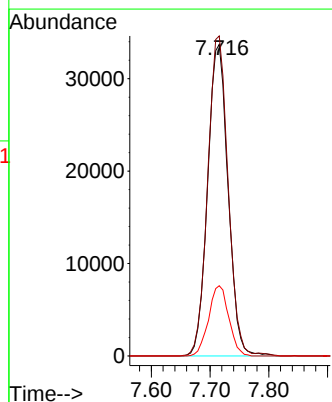
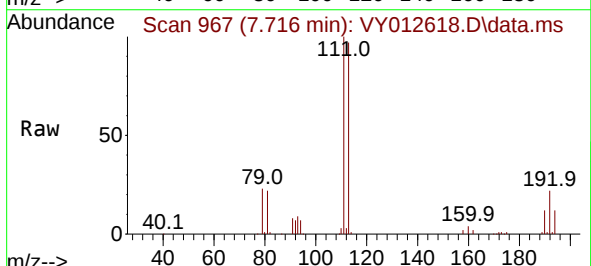
Tgt Ion:113 Resp: 81267

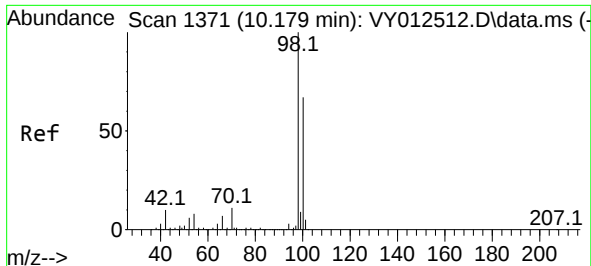
Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 22.2 17.5 26.3

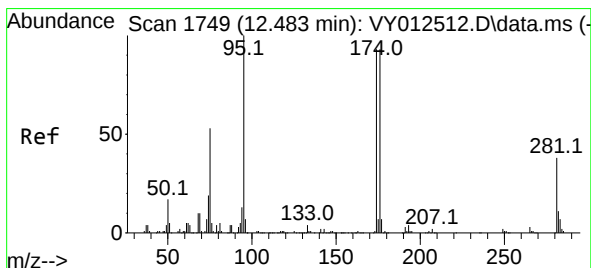
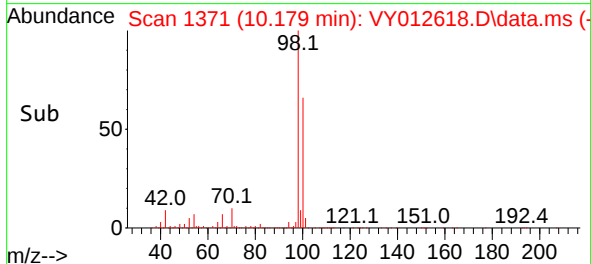
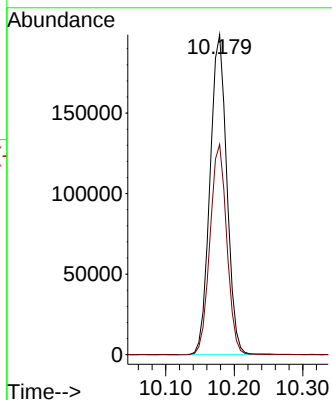
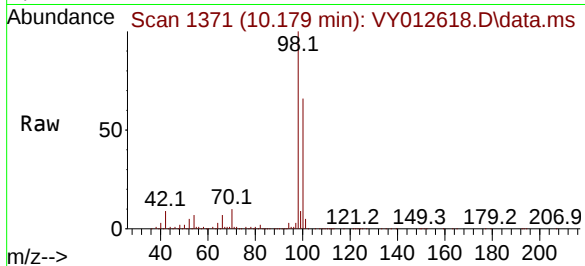




#50
Toluene-d8
Concen: 41.085 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012618.D
Acq: 15 Feb 2023 16:48

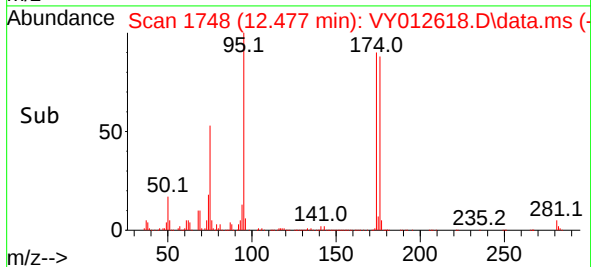
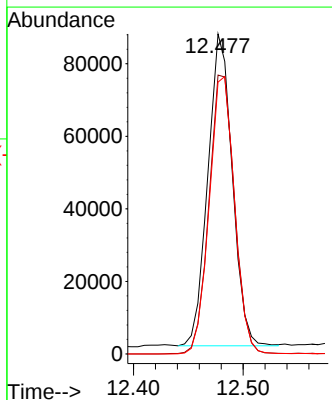
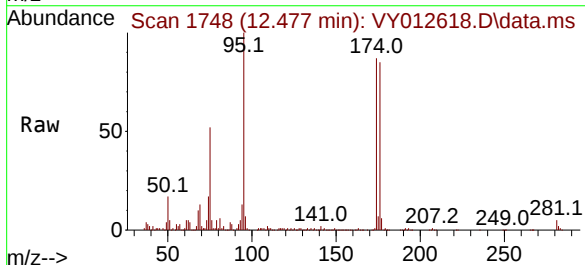
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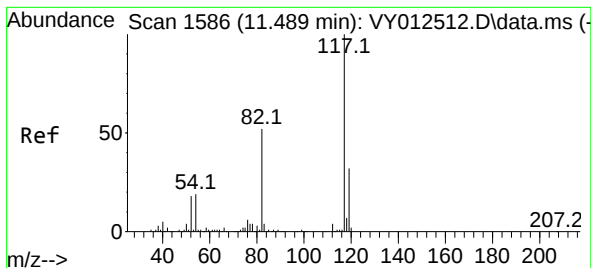
Tgt Ion: 98 Resp: 339343
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 46.130 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012618.D
Acq: 15 Feb 2023 16:48

Tgt Ion: 95 Resp: 132898
Ion Ratio Lower Upper
95 100
174 93.6 0.0 188.0
176 92.1 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012618.D

Acq: 15 Feb 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW10-GW-743-745

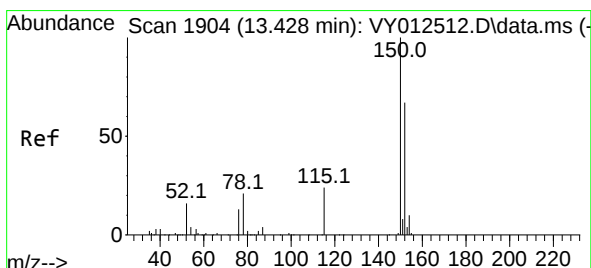
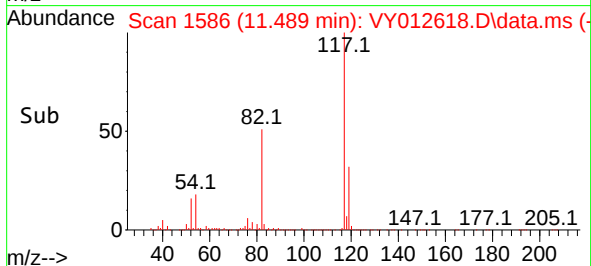
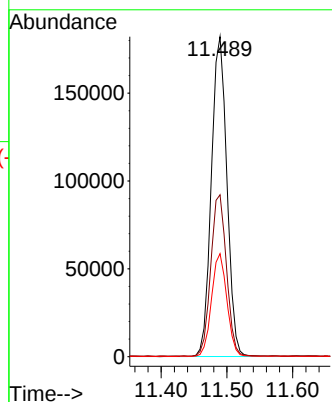
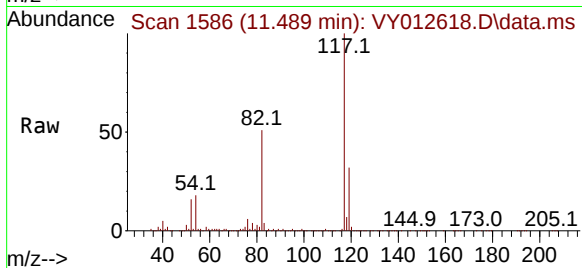
Tgt Ion:117 Resp: 299747

Ion Ratio Lower Upper

117 100

82 50.4 41.7 62.5

119 32.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012618.D

Acq: 15 Feb 2023 16:48

Tgt Ion:152 Resp: 158313

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.3

150 154.7 0.0 351.0

