

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009615.D
 Acq On : 20 Jul 2022 16:18
 Operator : KP/MD
 Sample : N3726-01
 Misc : 6.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HL-12-12.5

Quant Time: Jul 21 02:14:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	220377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	368519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101412	48.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.320%
35) Dibromofluoromethane	7.710	113	96074	41.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.760%
50) Toluene-d8	10.173	98	345513	38.712	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	77.420%#
62) 4-Bromofluorobenzene	12.477	95	118849	41.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	82.200%

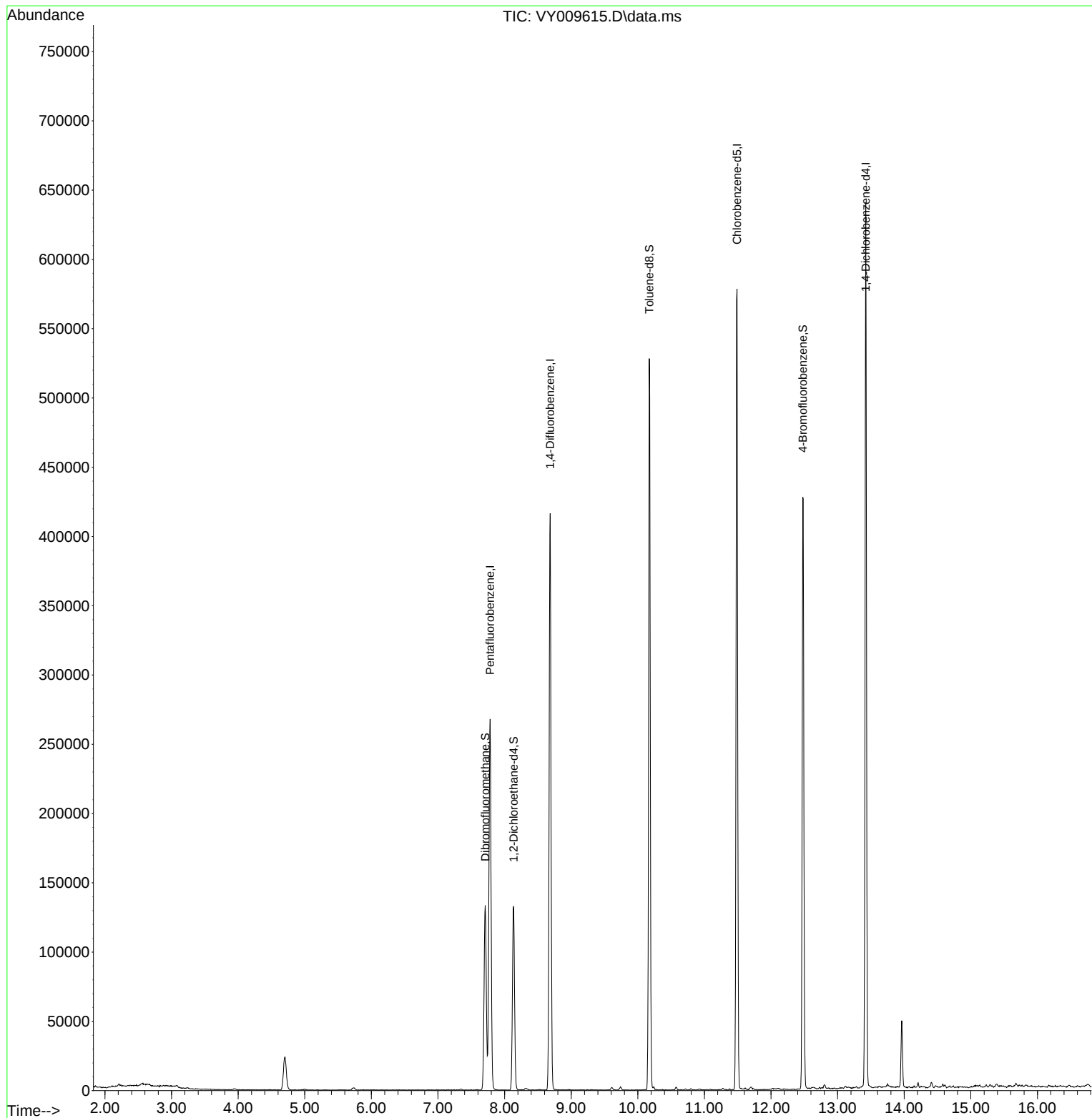
Target Compounds	Qvalue

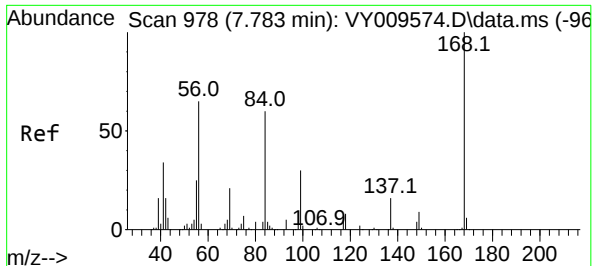
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
Data File : VY009615.D
Acq On : 20 Jul 2022 16:18
Operator : KP/MD
Sample : N3726-01
Misc : 6.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HL-12-12.5

Quant Time: Jul 21 02:14:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

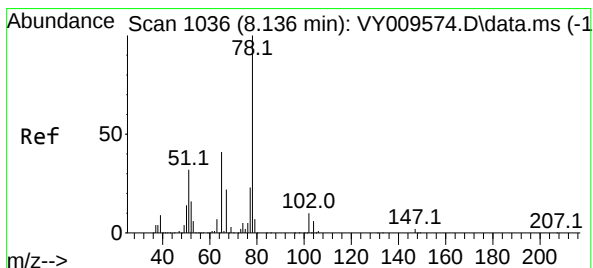
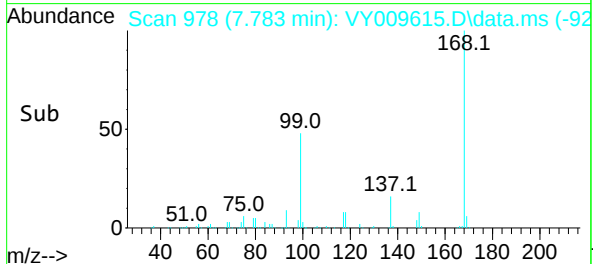
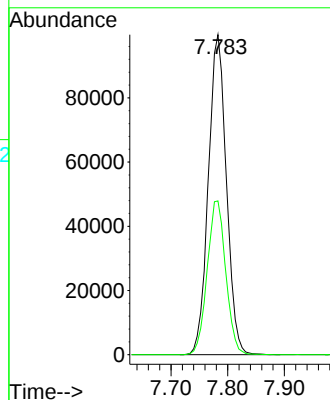
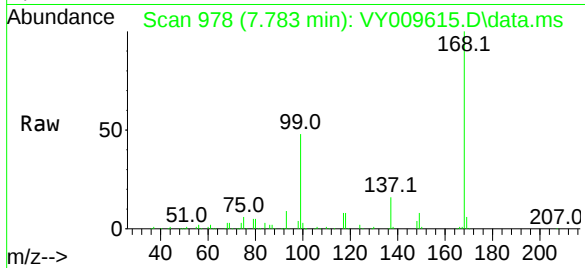




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

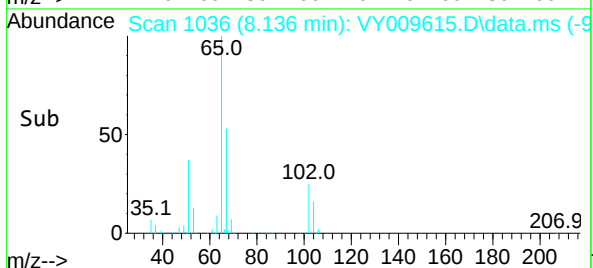
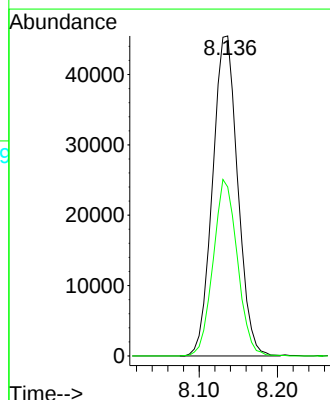
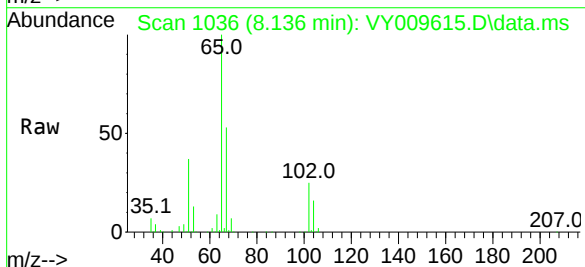
Instrument :
MSVOA_Y
ClientSampleId :
HL-12-12.5

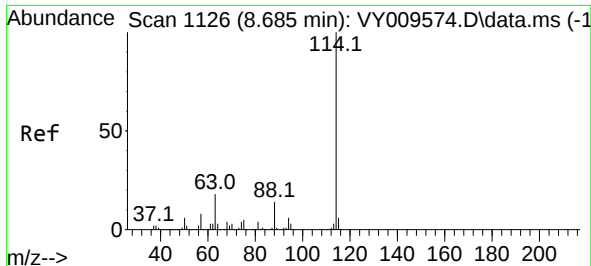
Tgt Ion:168 Resp: 220377
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.657 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

Tgt Ion: 65 Resp: 101412
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009615.D

Acq: 20 Jul 2022 16:18

Instrument :

MSVOA_Y

ClientSampleId :

HL-12-12.5

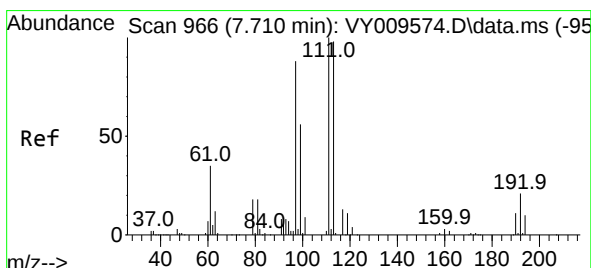
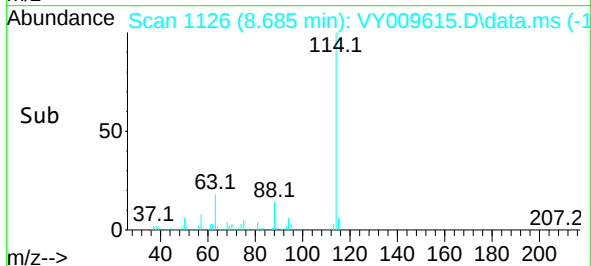
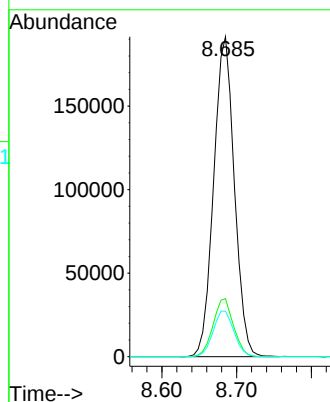
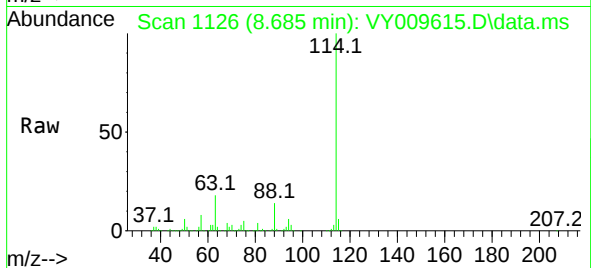
Tgt Ion:114 Resp: 368519

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.382 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009615.D

Acq: 20 Jul 2022 16:18

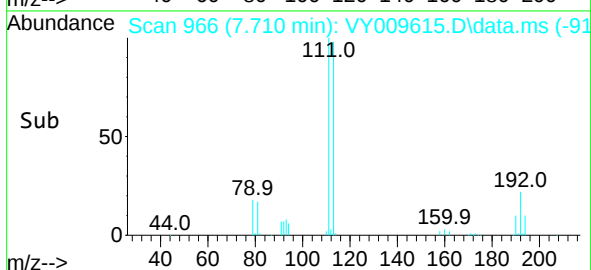
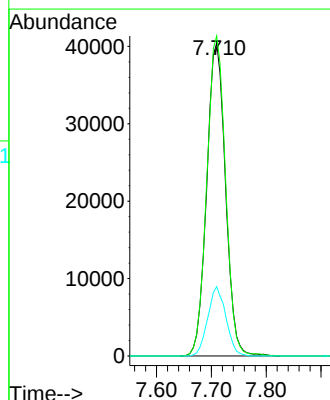
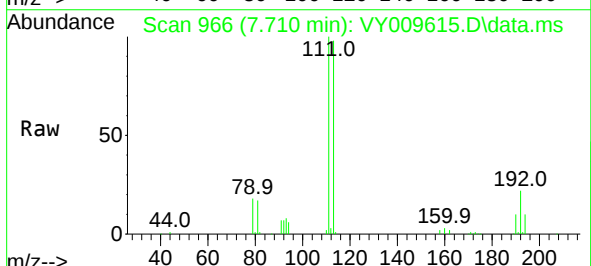
Tgt Ion:113 Resp: 96074

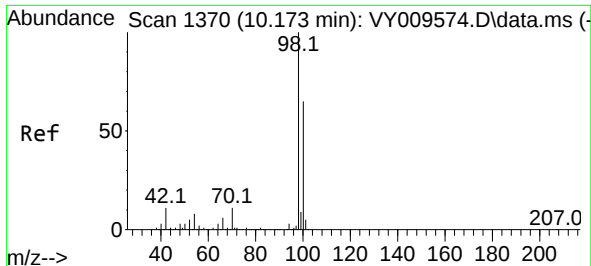
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 21.4 17.6 26.4

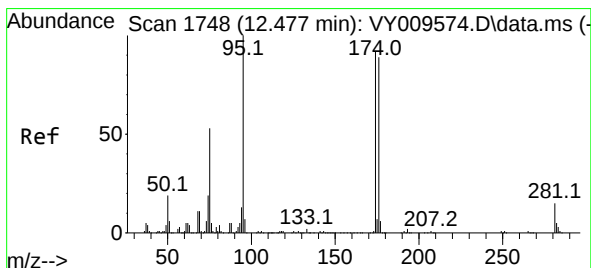
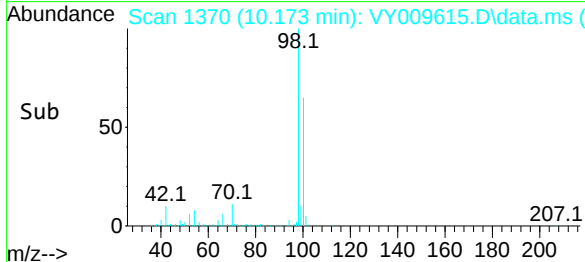
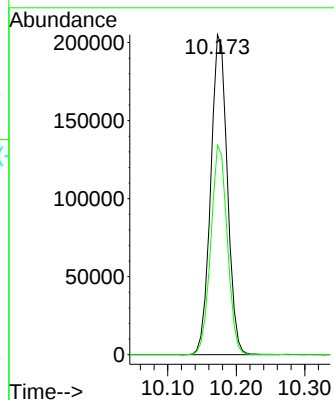
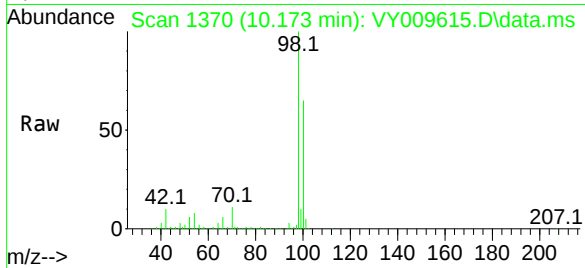




#50
Toluene-d8
Concen: 38.712 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

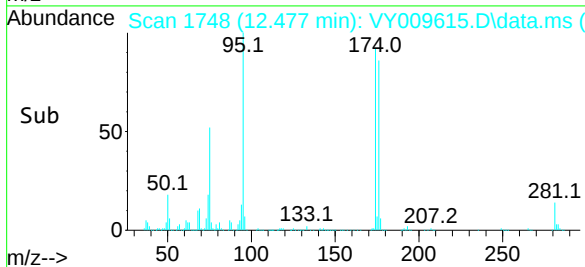
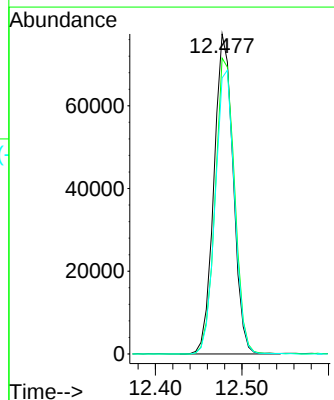
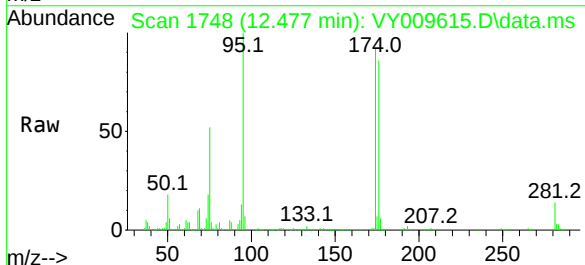
Instrument :
MSVOA_Y
ClientSampleId :
HL-12-12.5

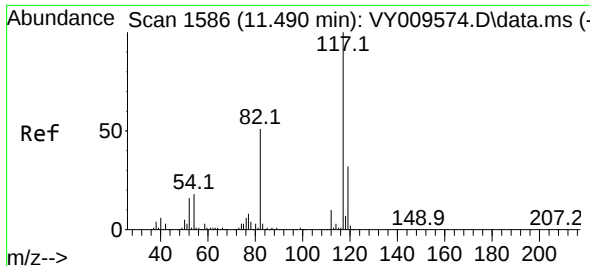
Tgt Ion: 98 Resp: 345513
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.096 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

Tgt Ion: 95 Resp: 118849
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.0
176 89.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009615.D

Acq: 20 Jul 2022 16:18

Instrument :

MSVOA_Y

ClientSampleId :

HL-12-12.5

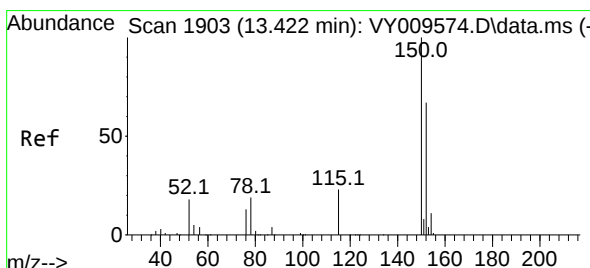
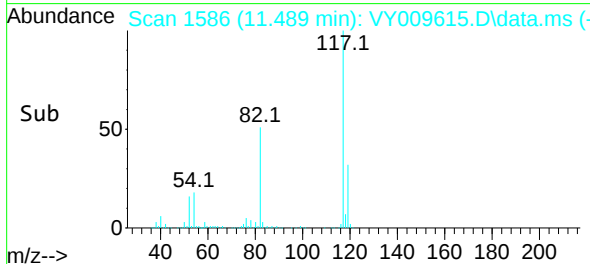
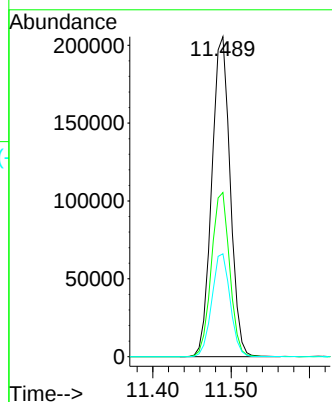
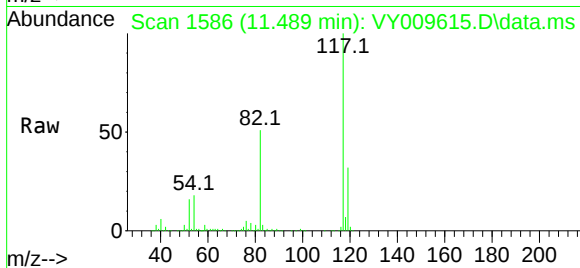
Tgt Ion:117 Resp: 334628

Ion Ratio Lower Upper

117 100

82 51.3 43.0 64.4

119 32.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009615.D

Acq: 20 Jul 2022 16:18

Tgt Ion:152 Resp: 166835

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 156.2 0.0 347.6

