

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011323\
 Data File : VY012187.D
 Acq On : 13 Jan 2023 12:49
 Operator : KP/MD
 Sample : 01140-04
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-5

Quant Time: Jan 16 08:18:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

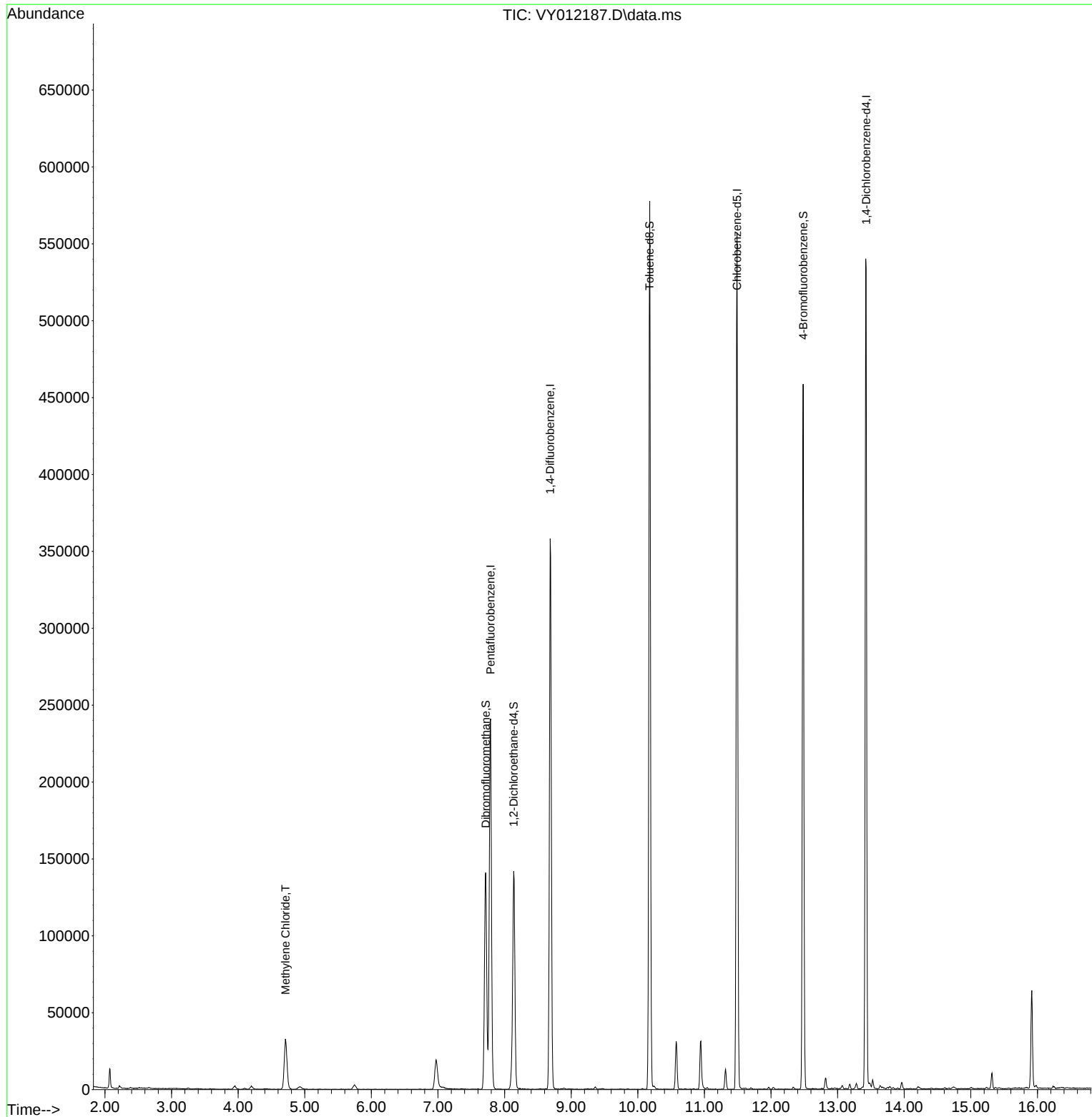
Internal Standards						
1) Pentafluorobenzene	7.789	168	192444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	317707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112440	51.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.000%
35) Dibromofluoromethane	7.716	113	96665	46.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.580%
50) Toluene-d8	10.179	98	379948	46.097	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.200%
62) 4-Bromofluorobenzene	12.483	95	130045	45.138	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.280%
Target Compounds						
20) Methylene Chloride	4.710	84	25077	6.515	ug/l	Qvalue 90

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

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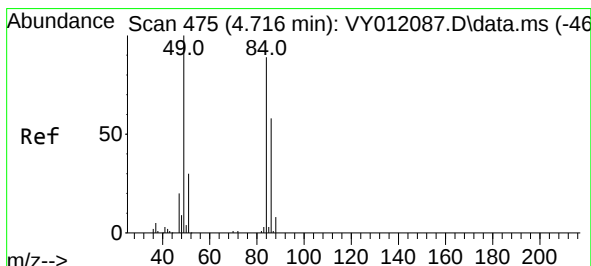
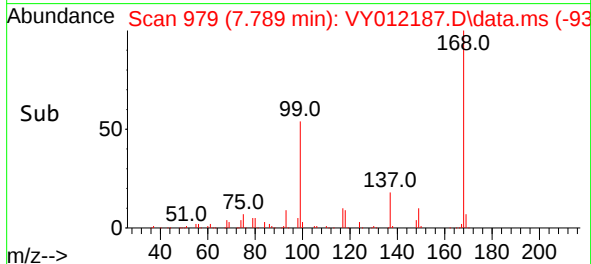
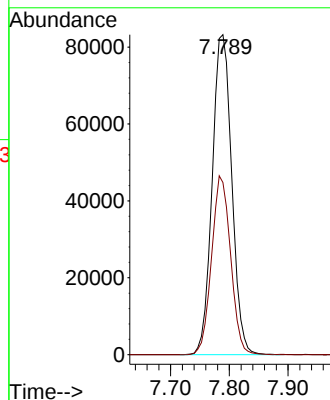
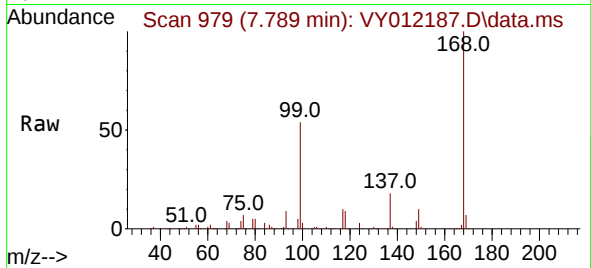




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012187.D
Acq: 13 Jan 2023 12:49

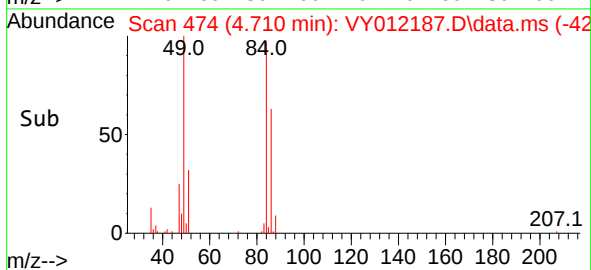
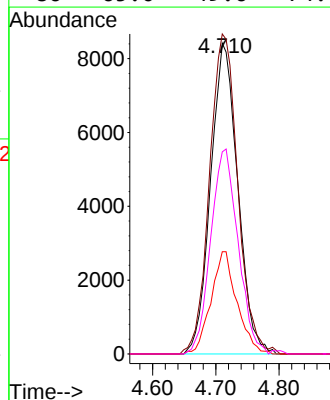
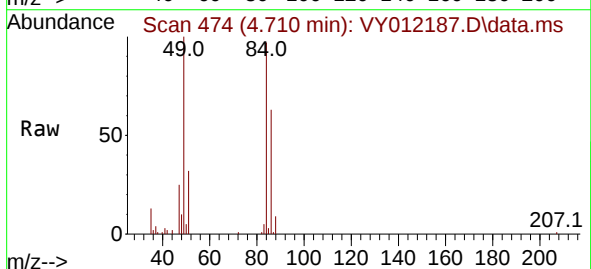
Instrument :
MSVOA_Y
ClientSampleId :
MH-5

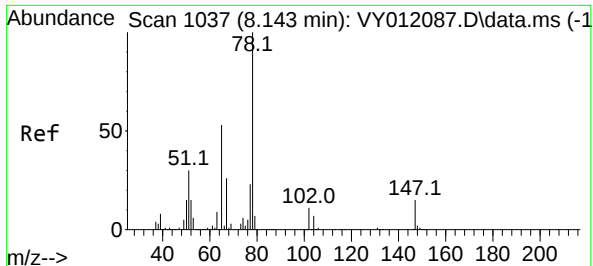
Tgt Ion:168 Resp: 192444
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#20
Methylene Chloride
Concen: 6.515 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012187.D
Acq: 13 Jan 2023 12:49

Tgt Ion: 84 Resp: 25077
Ion Ratio Lower Upper
84 100
49 103.0 95.4 143.2
51 32.9 29.9 44.9
86 65.0 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 51.997 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY012187.D

Acq: 13 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

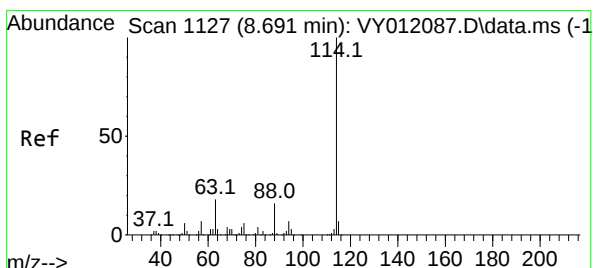
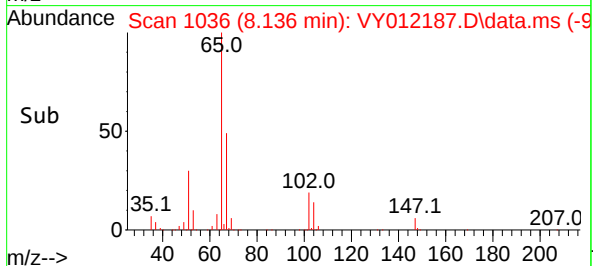
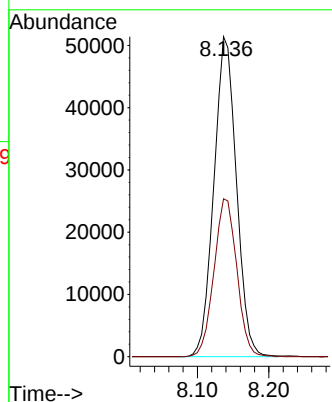
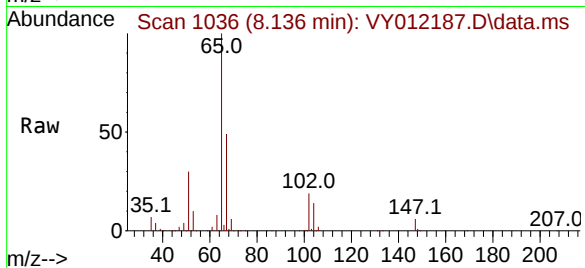
MH-5

Tgt Ion: 65 Resp: 112440

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012187.D

Acq: 13 Jan 2023 12:49

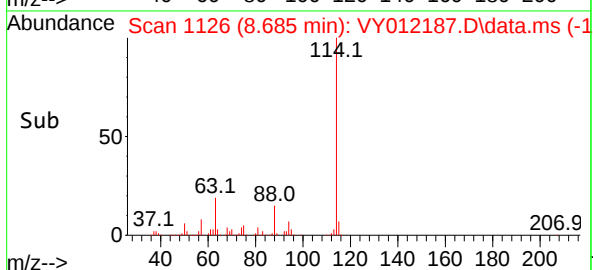
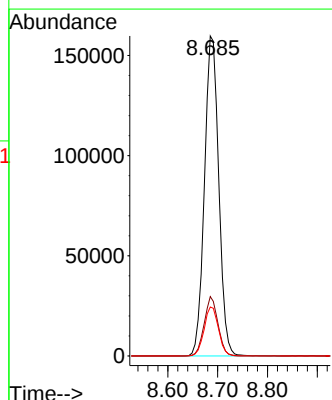
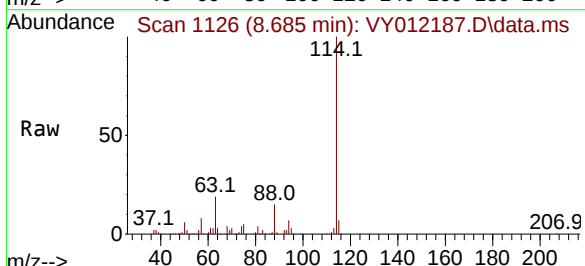
Tgt Ion: 114 Resp: 317707

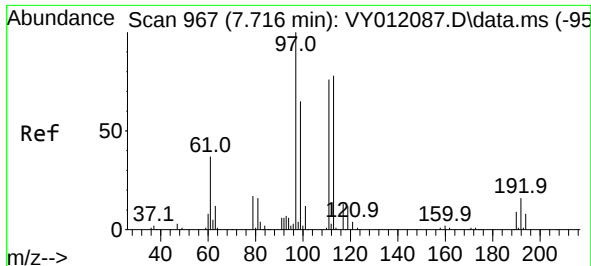
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 46.290 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012187.D

Acq: 13 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

MH-5

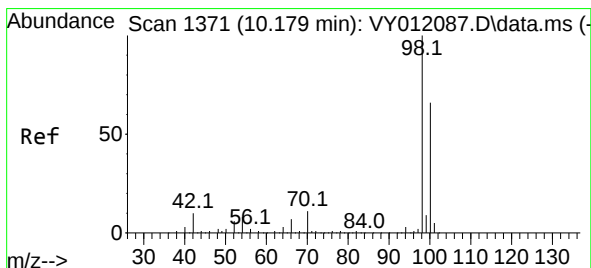
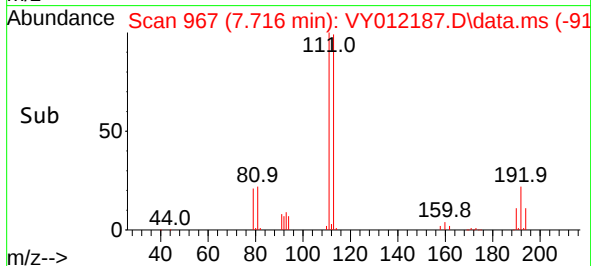
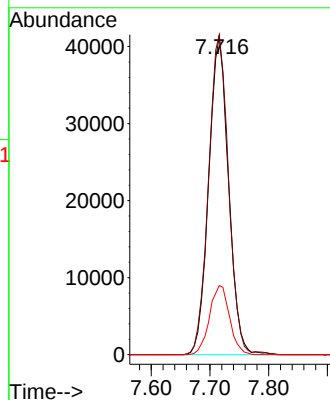
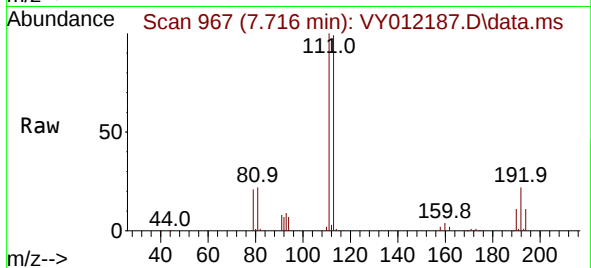
Tgt Ion:113 Resp: 96665

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

192 22.0 16.0 24.0



#50

Toluene-d8

Concen: 46.097 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012187.D

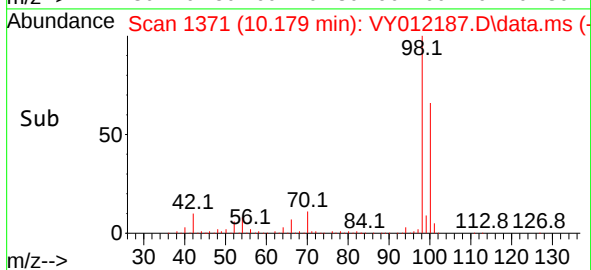
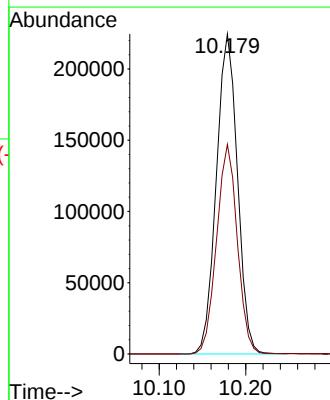
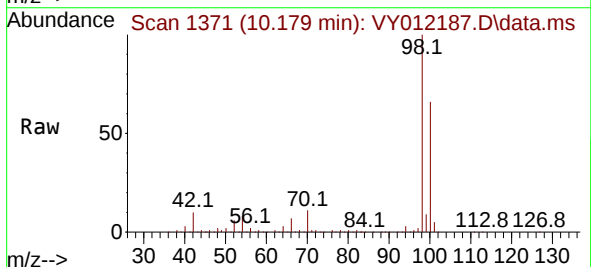
Acq: 13 Jan 2023 12:49

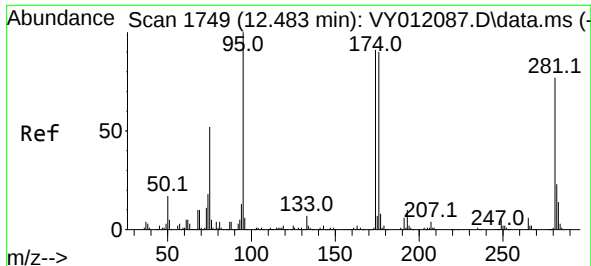
Tgt Ion: 98 Resp: 379948

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9

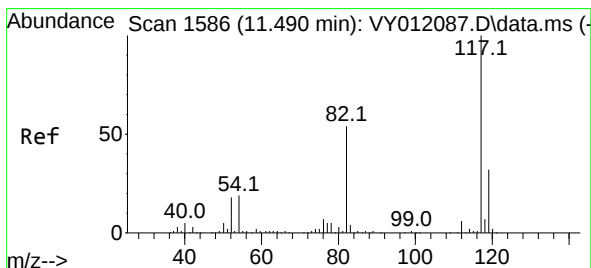
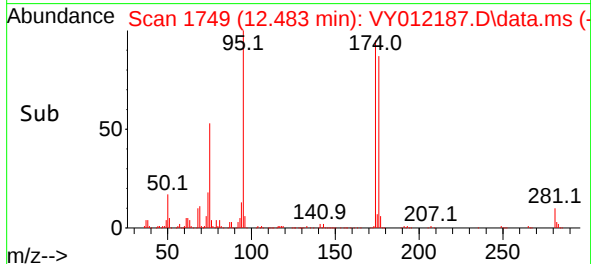
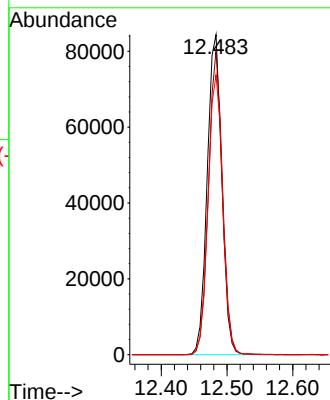
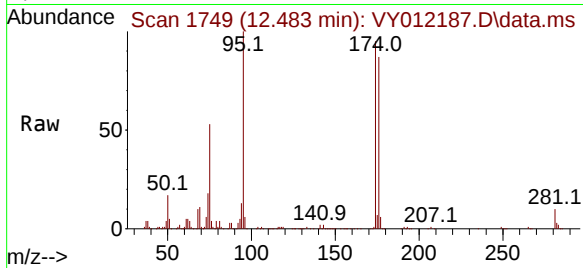




#62
4-Bromofluorobenzene
Concen: 45.138 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012187.D
Acq: 13 Jan 2023 12:49

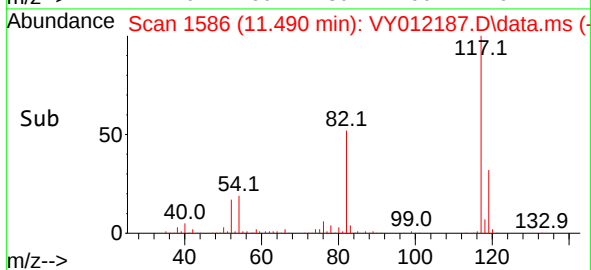
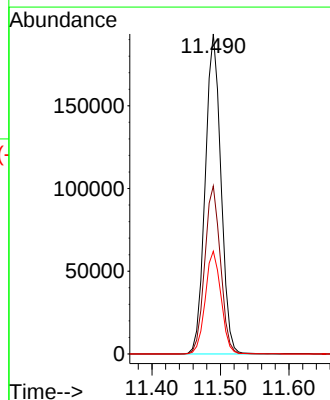
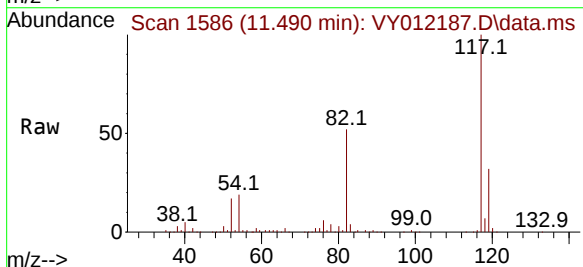
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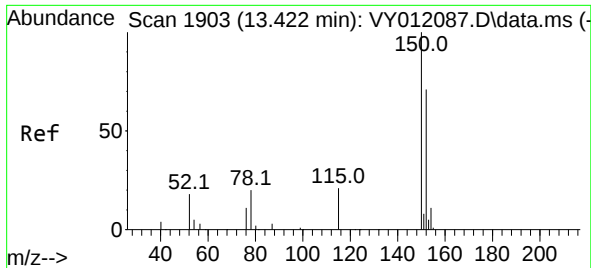
Tgt Ion: 95 Resp: 130045
Ion Ratio Lower Upper
95 100
174 92.3 0.0 172.0
176 87.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012187.D
Acq: 13 Jan 2023 12:49

Tgt Ion: 117 Resp: 308650
Ion Ratio Lower Upper
117 100
82 52.5 44.8 67.2
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012187.D

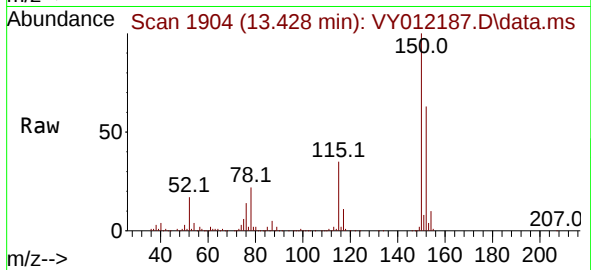
Acq: 13 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

MH-5



Tgt Ion:152 Resp: 148633

Ion Ratio Lower Upper

152 100

115 56.5 29.1 87.3

150 157.8 0.0 342.6

