

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021623\
 Data File : VY012635.D
 Acq On : 16 Feb 2023 16:28
 Operator : KP/MD
 Sample : 01581-01
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-A

Quant Time: Feb 16 21:59:24 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)

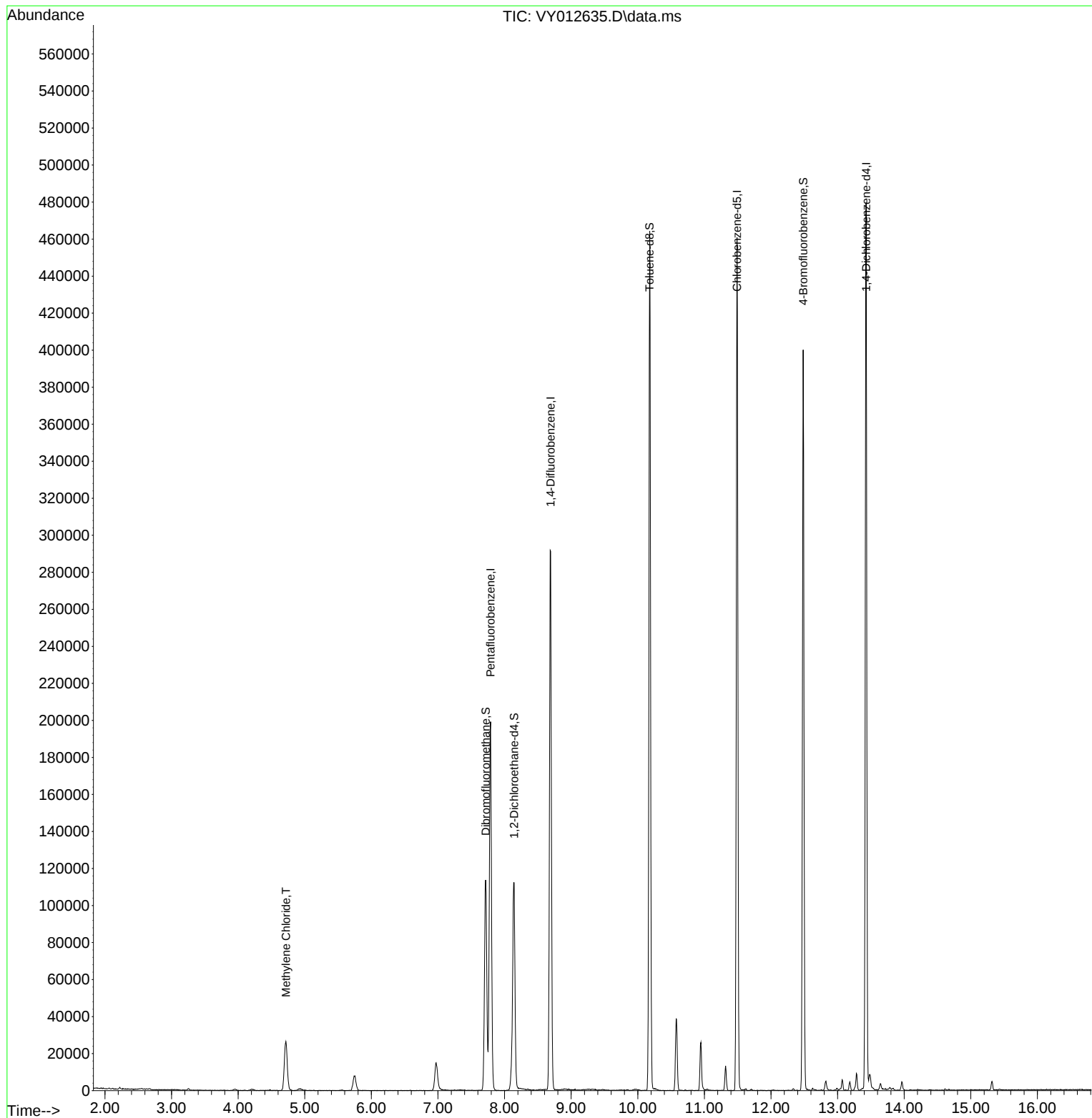
Internal Standards						
1) Pentafluorobenzene	7.789	168	159416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	264202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92002	45.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.760%
35) Dibromofluoromethane	7.716	113	78926	40.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.060%
50) Toluene-d8	10.179	98	313604	38.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.380%
62) 4-Bromofluorobenzene	12.483	95	107382	37.982	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.960%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	22492	8.871	ug/l	98

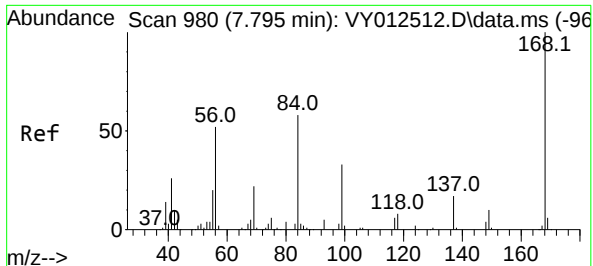
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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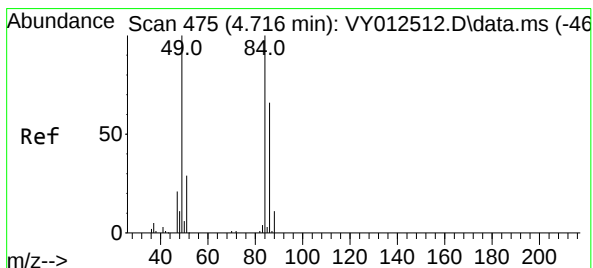
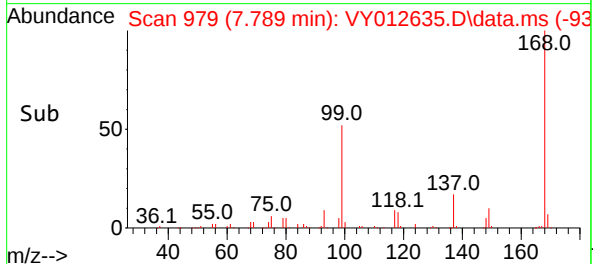
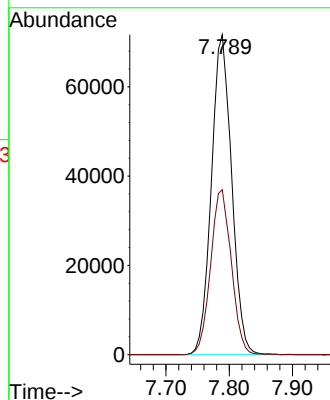
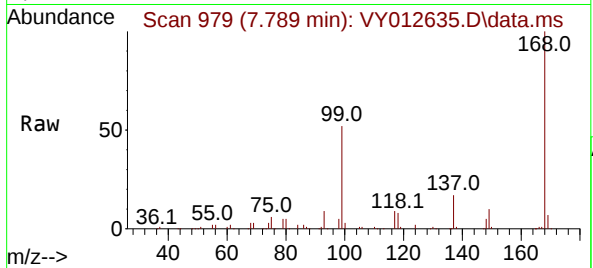




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012635.D
Acq: 16 Feb 2023 16:28

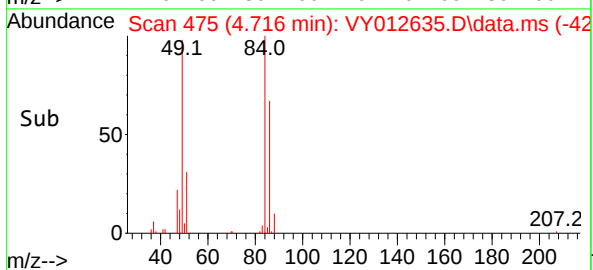
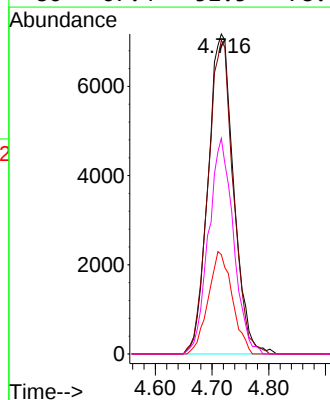
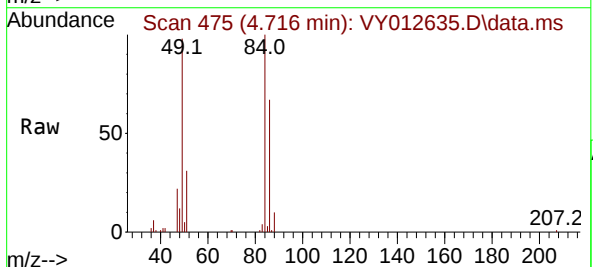
Instrument :
MSVOA_Y
ClientSampleId :
MH-A

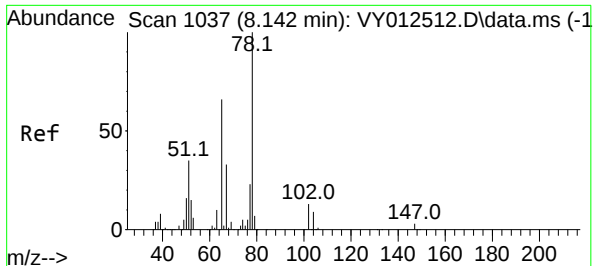
Tgt Ion:168 Resp: 159416
Ion Ratio Lower Upper
168 100
99 51.6 40.8 61.2



#20
Methylene Chloride
Concen: 8.871 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012635.D
Acq: 16 Feb 2023 16:28

Tgt Ion: 84 Resp: 22492
Ion Ratio Lower Upper
84 100
49 98.1 79.8 119.6
51 31.1 23.4 35.2
86 67.4 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 45.384 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY012635.D

Acq: 16 Feb 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

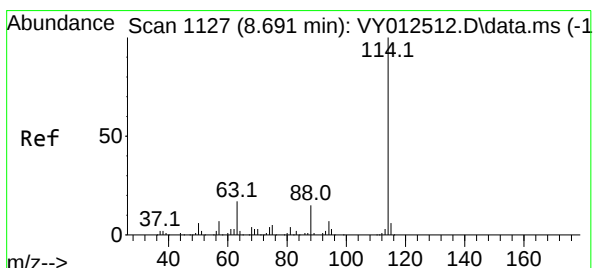
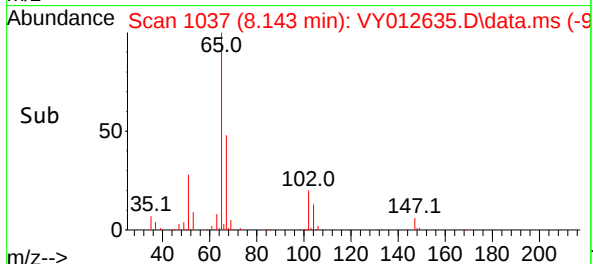
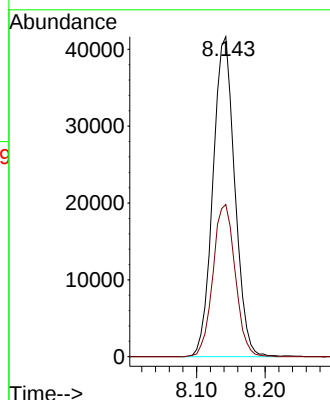
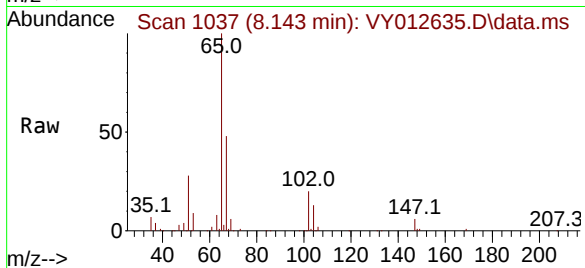
MH-A

Tgt Ion: 65 Resp: 92002

Ion Ratio Lower Upper

65 100

67 48.6 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012635.D

Acq: 16 Feb 2023 16:28

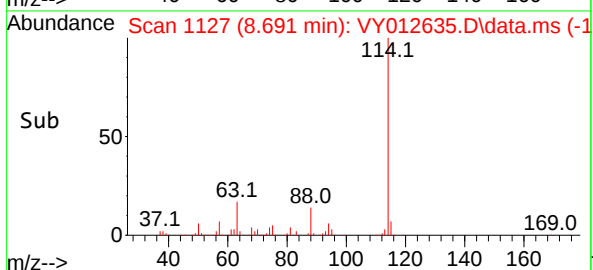
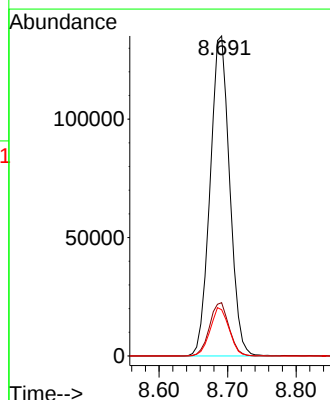
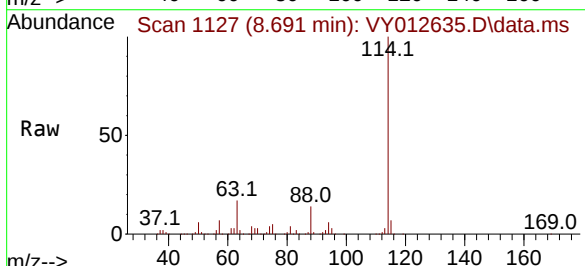
Tgt Ion: 114 Resp: 267394

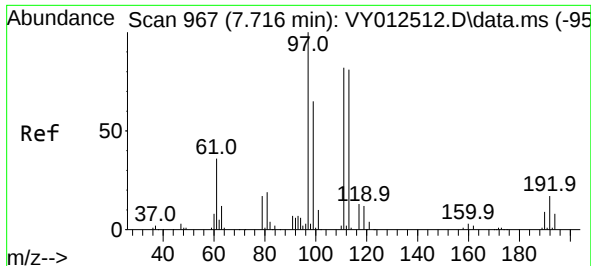
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.6

88 14.5 0.0 29.8

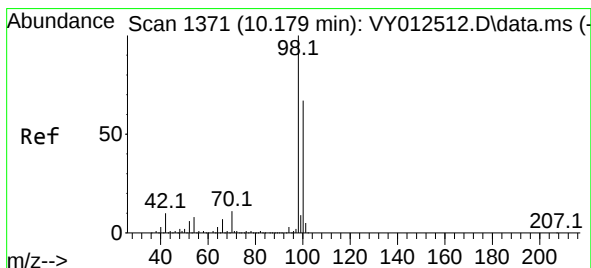
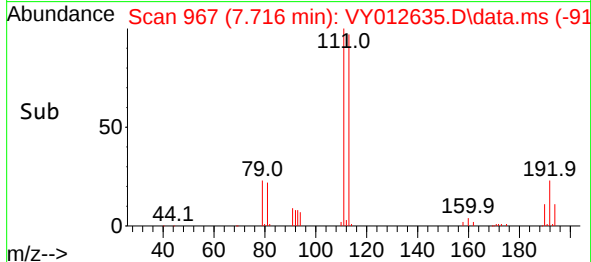
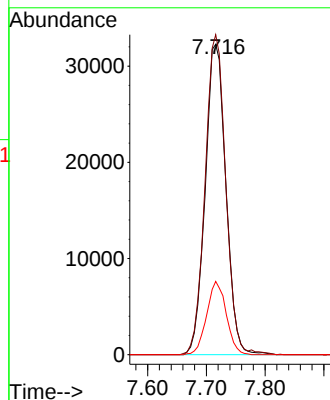
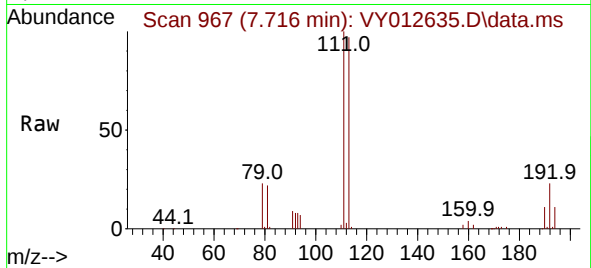




#35
 Dibromofluoromethane
 Concen: 40.531 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY012635.D
 Acq: 16 Feb 2023 16:28

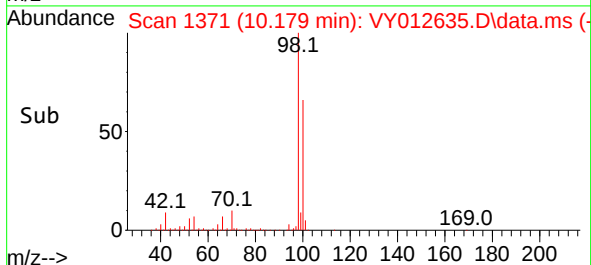
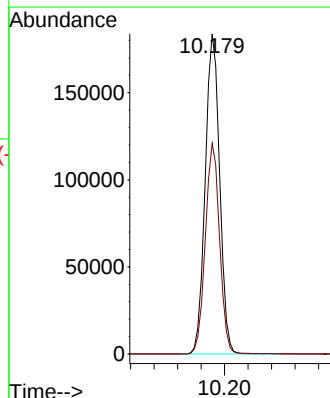
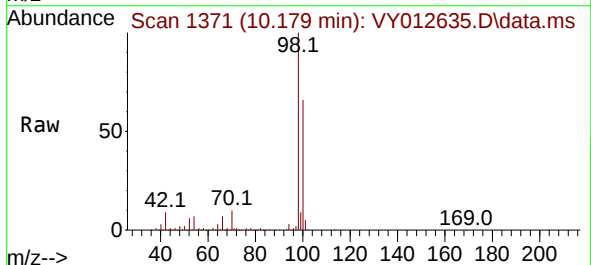
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-A

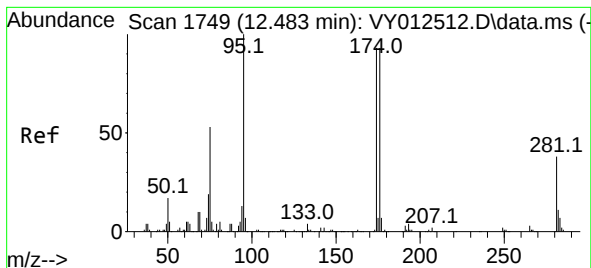
Tgt Ion:	113	Resp:	78926
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	22.4	17.5	26.3



#50
 Toluene-d8
 Concen: 38.691 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY012635.D
 Acq: 16 Feb 2023 16:28

Tgt Ion:	98	Resp:	313604
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2

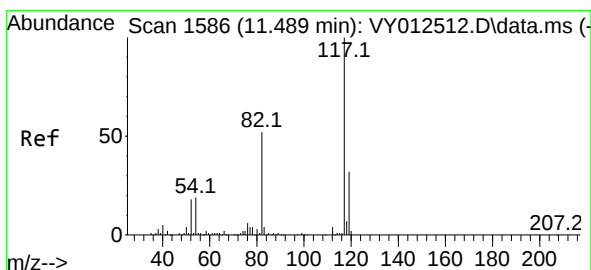
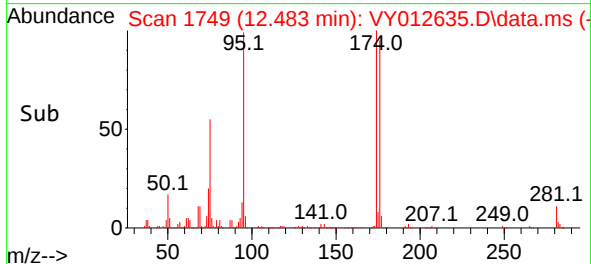
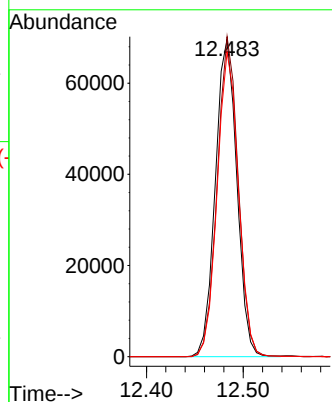
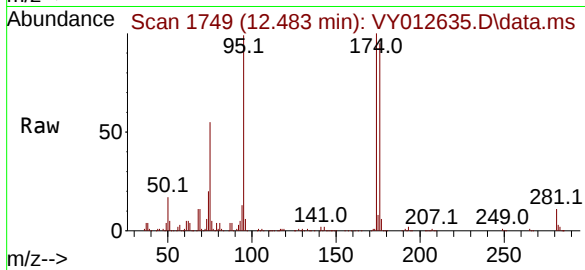




#62
4-Bromofluorobenzene
Concen: 37.982 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012635.D
Acq: 16 Feb 2023 16:28

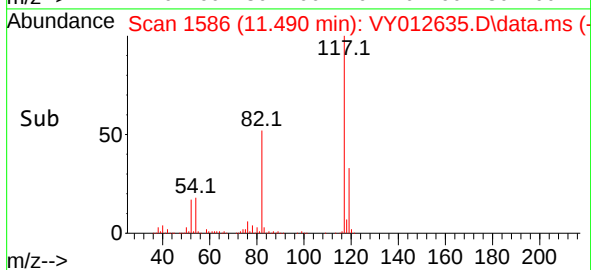
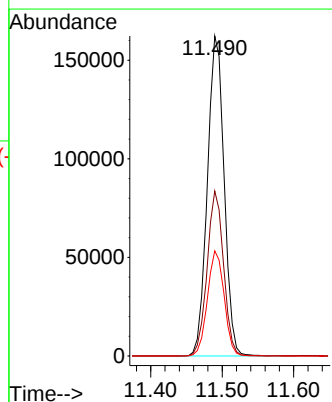
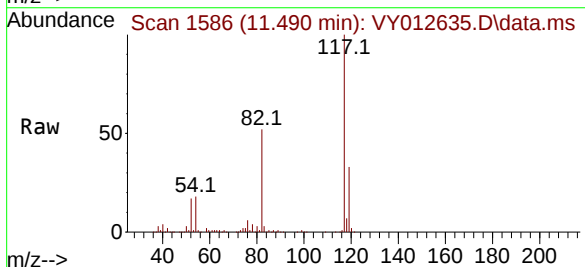
Instrument :
MSVOA_Y
ClientSampleId :
MH-A

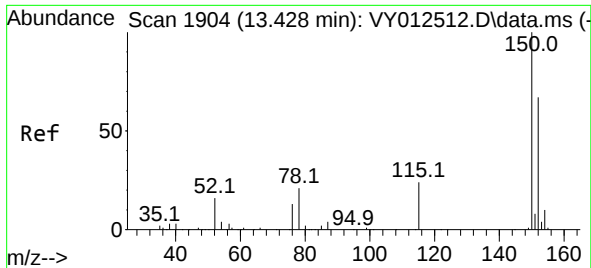
Tgt Ion: 95 Resp: 107382
Ion Ratio Lower Upper
95 100
174 98.7 0.0 188.0
176 95.1 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012635.D
Acq: 16 Feb 2023 16:28

Tgt Ion: 117 Resp: 264202
Ion Ratio Lower Upper
117 100
82 51.6 41.7 62.5
119 32.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012635.D

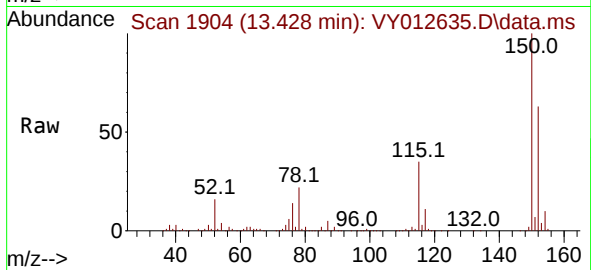
Acq: 16 Feb 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

MH-A



Tgt Ion:152 Resp: 132478

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.3

150 155.4 0.0 351.0

