

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008762.D
 Acq On : 13 May 2022 20:19
 Operator : KP/MD
 Sample : N2775-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-35D

Quant Time: May 16 05:56:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

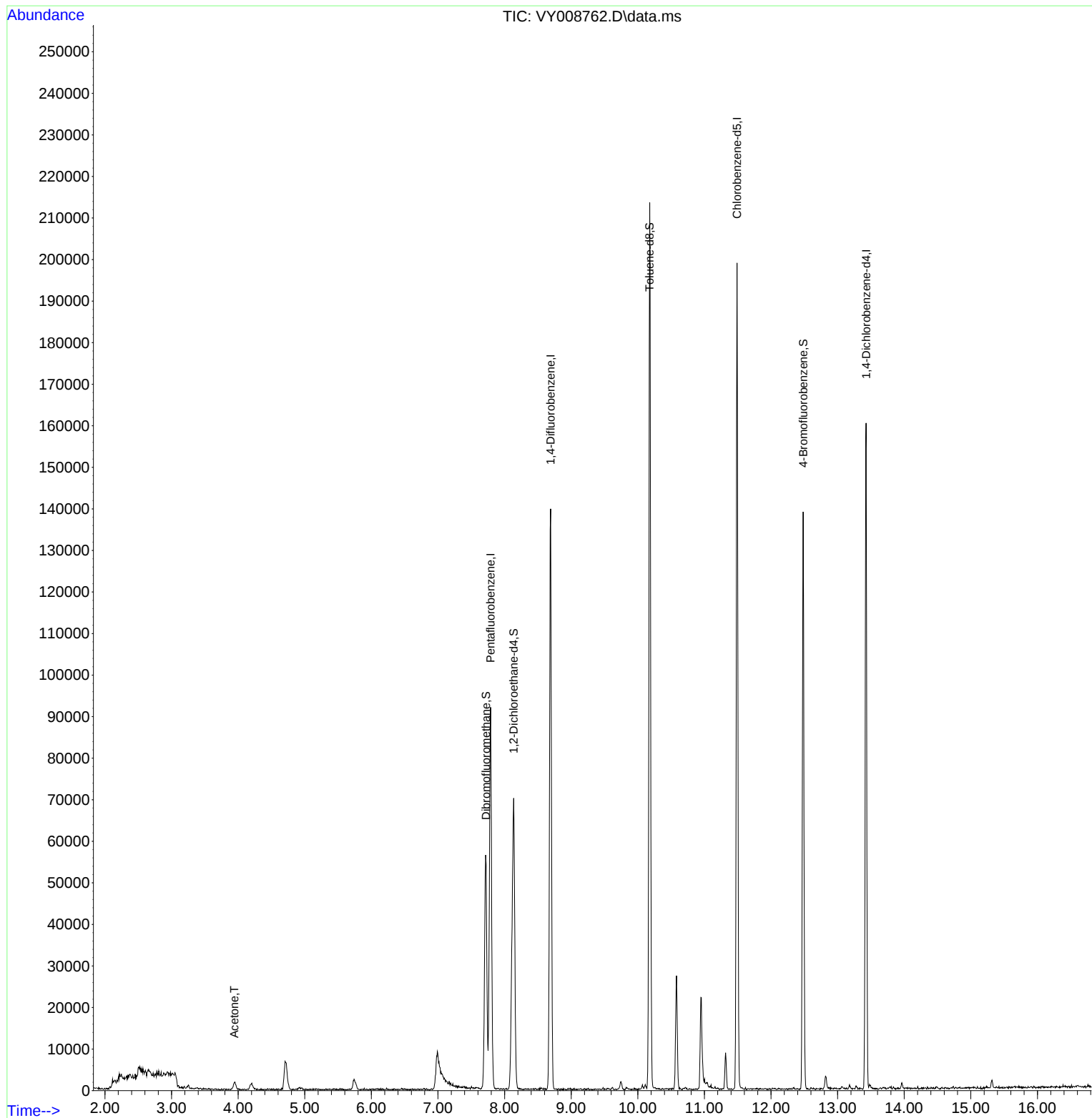
Internal Standards						
1) Pentafluorobenzene	7.789	168	68953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	119107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	102807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38895	56.640	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	113.280%	
35) Dibromofluoromethane	7.722	113	39200	54.835	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	=	109.680%	
50) Toluene-d8	10.178	98	139390	51.704	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	103.400%	
62) 4-Bromofluorobenzene	12.483	95	36587	39.170	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	78.340%	
Target Compounds						
16) Acetone	3.942	43	3304	18.064	ug/l	Qvalue 93

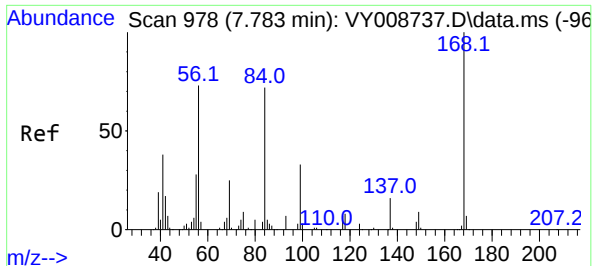
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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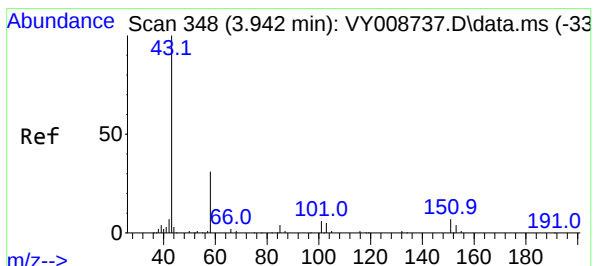
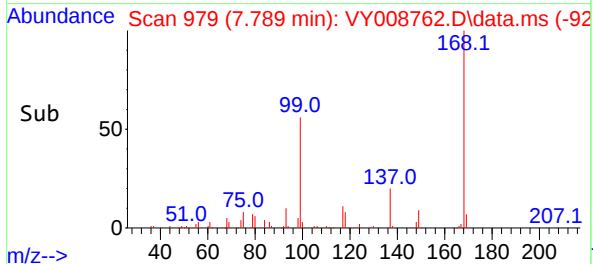
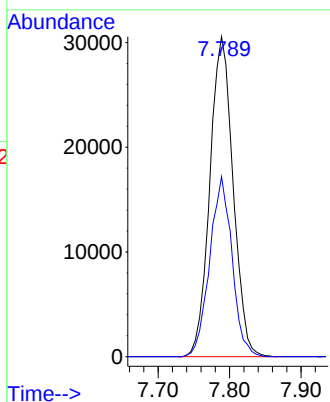
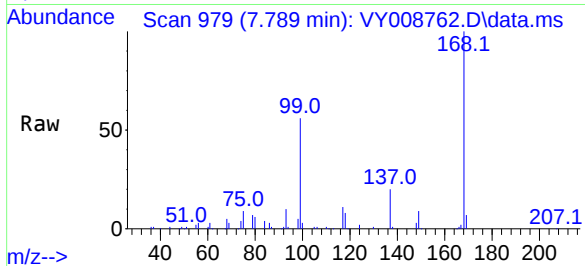




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

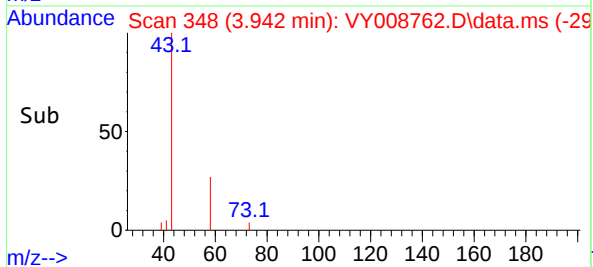
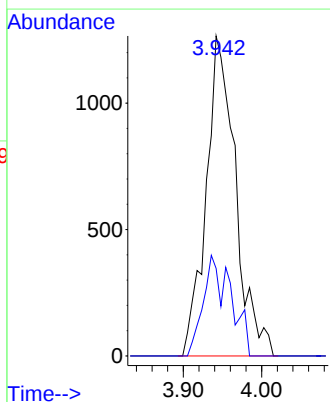
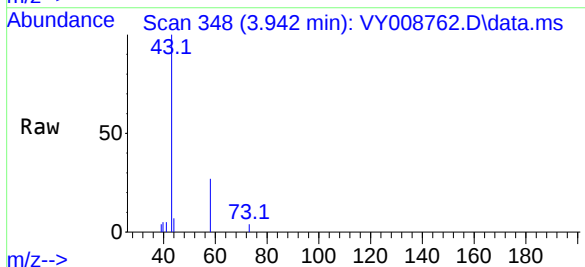
Instrument :
MSVOA_Y
ClientSampleId :
MH-35D

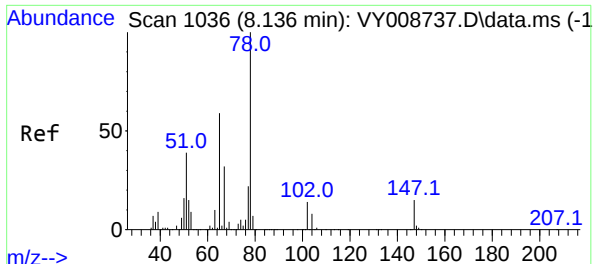
Tgt Ion:168 Resp: 68953
Ion Ratio Lower Upper
168 100
99 56.3 42.3 63.5



#16
Acetone
Concen: 18.064 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

Tgt Ion: 43 Resp: 3304
Ion Ratio Lower Upper
43 100
58 27.3 25.1 37.7





#33

1,2-Dichloroethane-d4

Concen: 56.640 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY008762.D

Acq: 13 May 2022 20:19

Instrument :

MSVOA_Y

ClientSampleId :

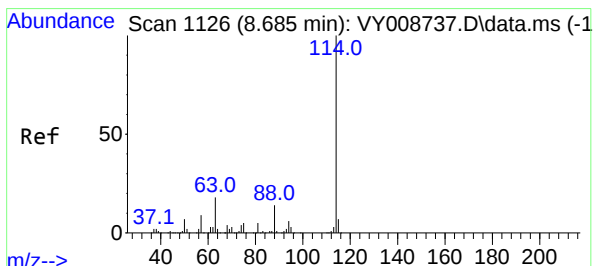
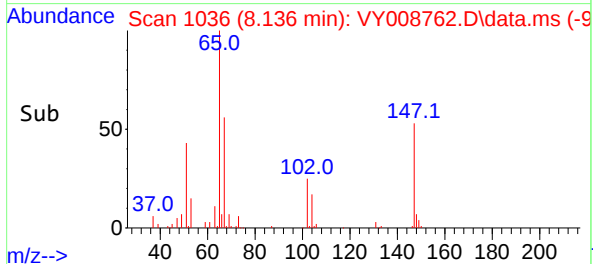
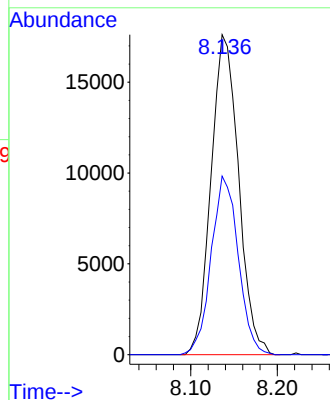
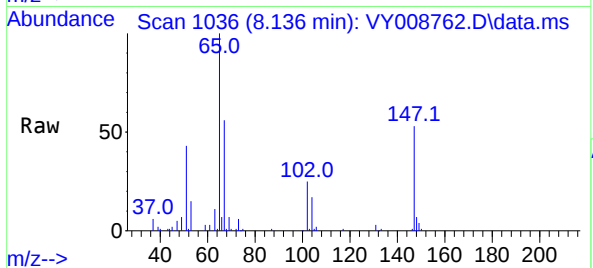
MH-35D

Tgt Ion: 65 Resp: 38895

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008762.D

Acq: 13 May 2022 20:19

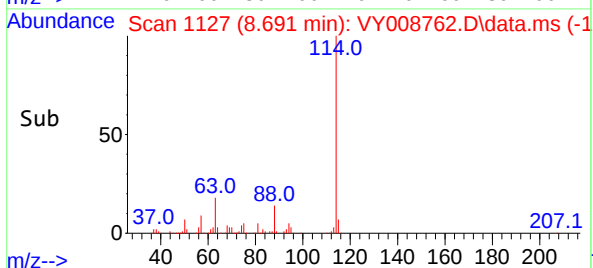
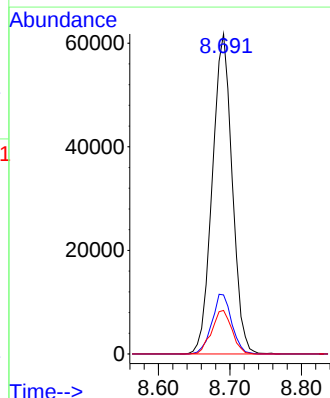
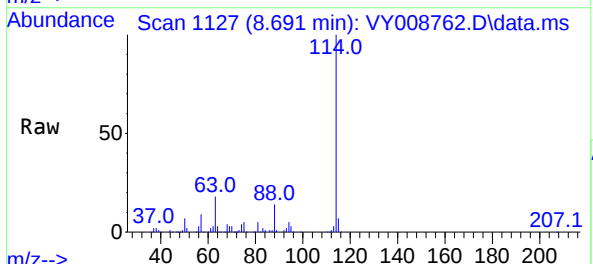
Tgt Ion:114 Resp: 119107

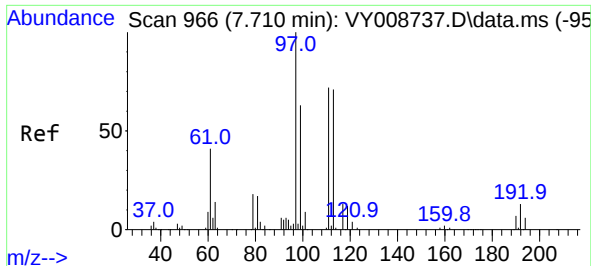
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 13.6 0.0 27.4

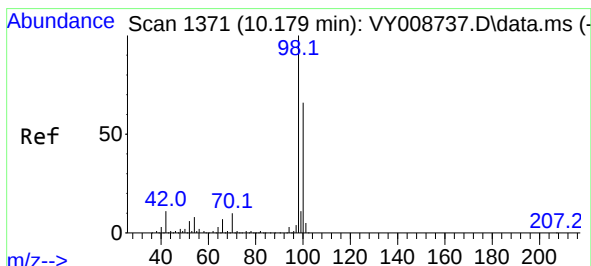
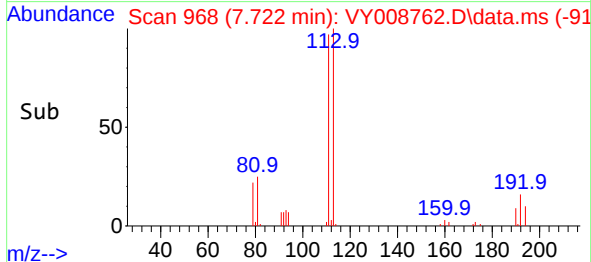
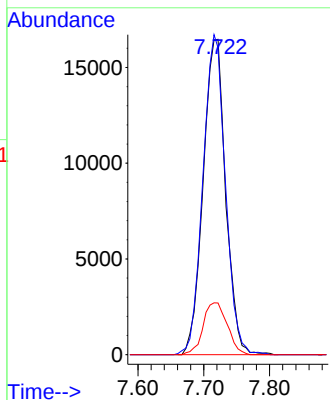
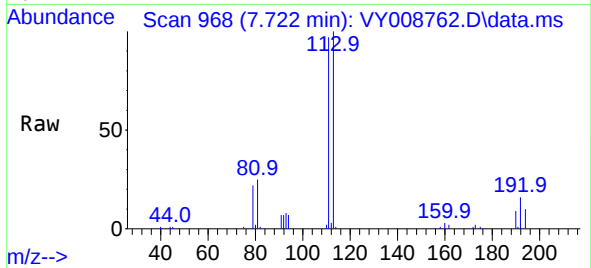




#35
Dibromofluoromethane
Concen: 54.835 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

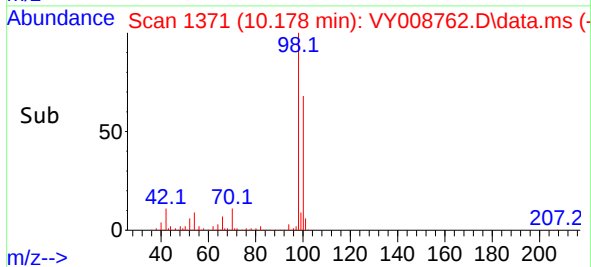
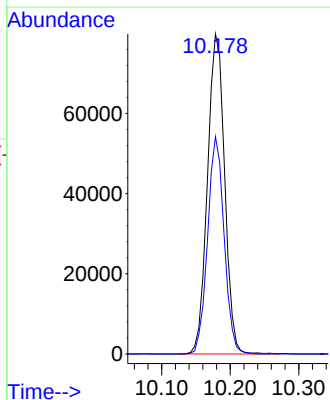
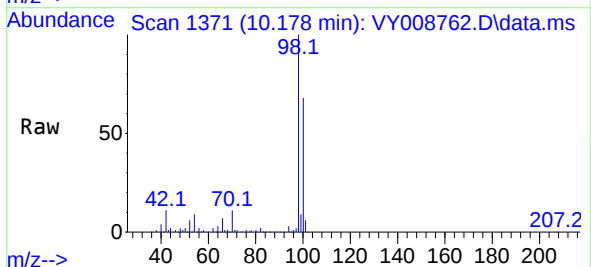
Instrument :
MSVOA_Y
ClientSampleId :
MH-35D

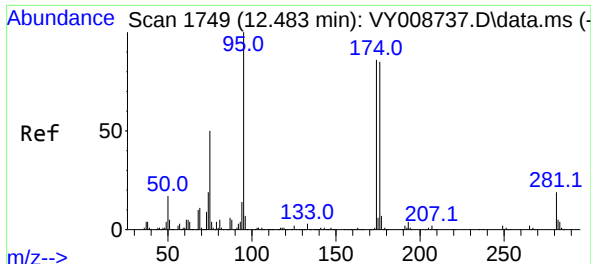
Tgt Ion:113 Resp: 39200
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 51.704 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

Tgt Ion: 98 Resp: 139390
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2

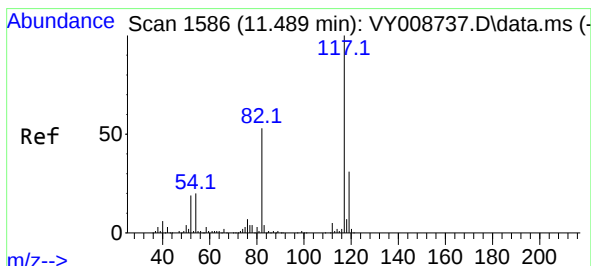
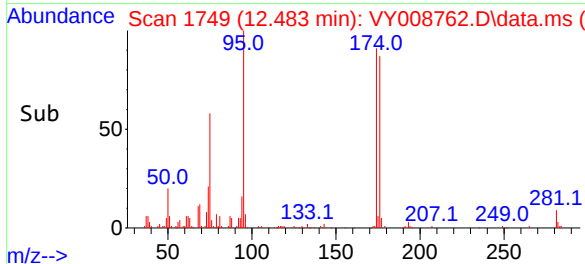
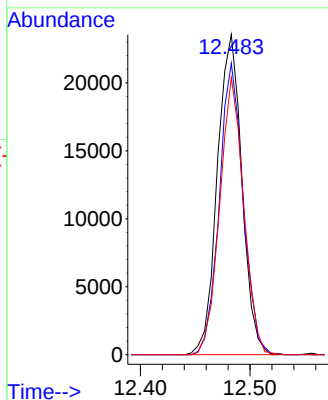
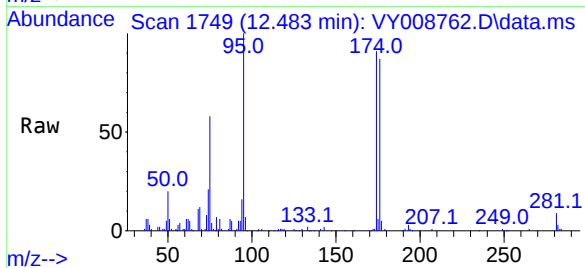




#62
4-Bromofluorobenzene
Concen: 39.170 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

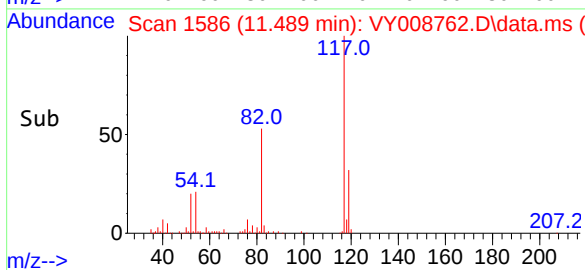
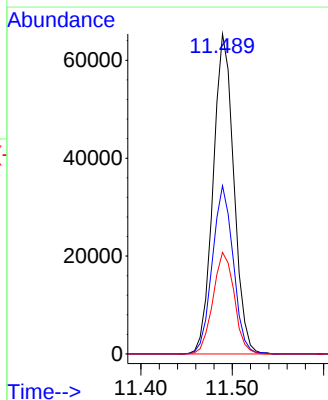
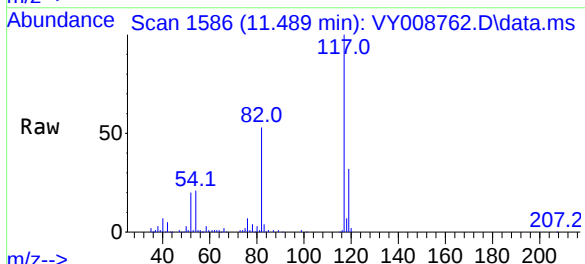
Instrument :
MSVOA_Y
ClientSampleId :
MH-35D

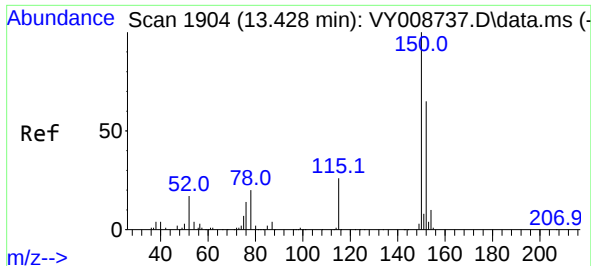
Tgt Ion: 95 Resp: 36587
Ion Ratio Lower Upper
95 100
174 88.2 0.0 171.2
176 84.3 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008762.D
Acq: 13 May 2022 20:19

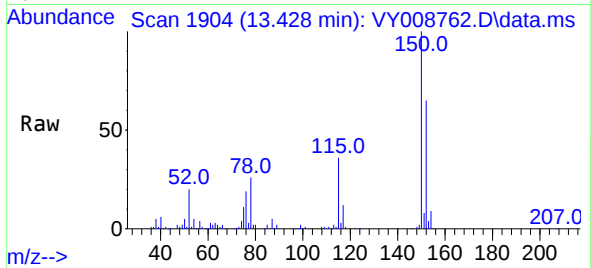
Tgt Ion: 117 Resp: 102807
Ion Ratio Lower Upper
117 100
82 52.6 42.3 63.5
119 31.8 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008762.D
 Acq: 13 May 2022 20:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-35D



Tgt Ion:152 Resp: 39474
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.2 84.7
 150 159.2 0.0 348.2

