

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008560.D
 Acq On : 29 Apr 2022 15:36
 Operator : KP/MD
 Sample : N2588-03RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-2RE

Quant Time: Apr 30 00:37:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

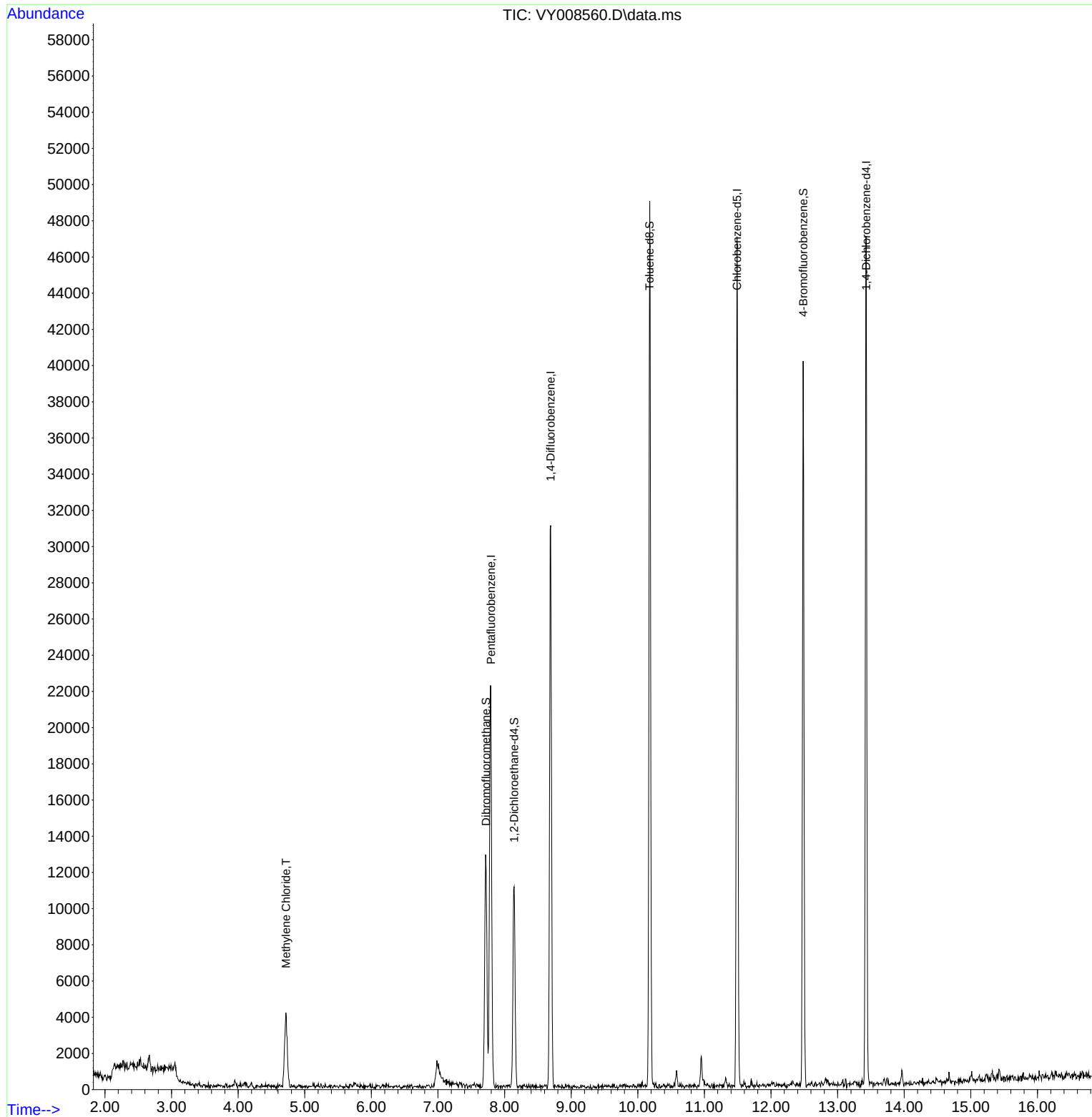
Internal Standards						
1) Pentafluorobenzene	7.795	168	19568	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	30365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	28567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8723	37.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.780%
35) Dibromofluoromethane	7.722	113	9361	47.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.179	98	33942	43.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.480%
62) 4-Bromofluorobenzene	12.483	95	11357	43.038	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.080%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	3273	6.348	ug/l	# 79

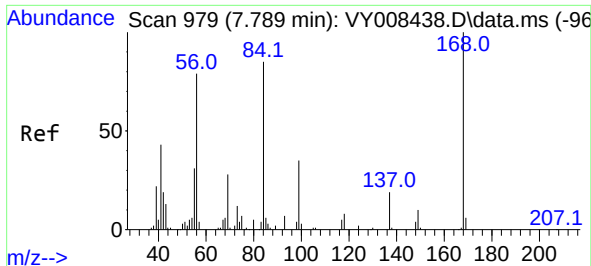
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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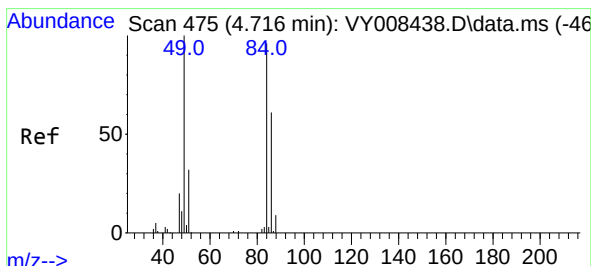
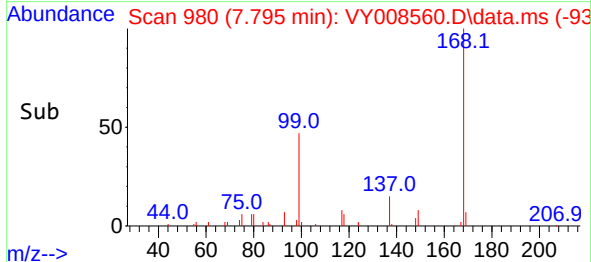
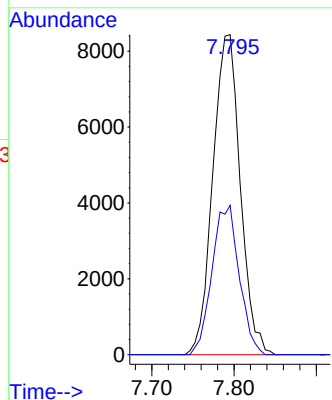
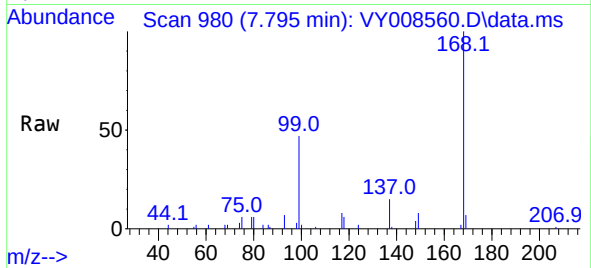




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

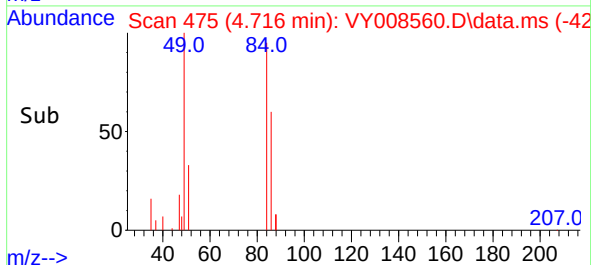
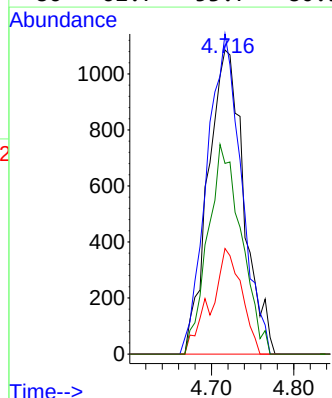
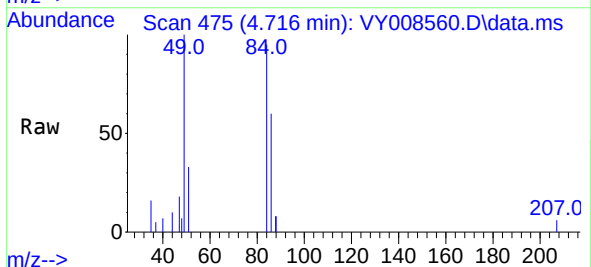
Instrument :
MSVOA_Y
ClientSampleId :
MH-2RE

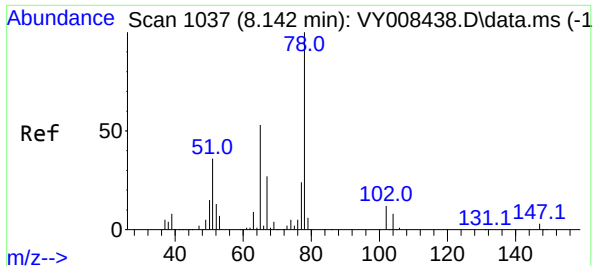
Tgt Ion:168 Resp: 19568
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#20
Methylene Chloride
Concen: 6.348 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

Tgt Ion: 84 Resp: 3273
Ion Ratio Lower Upper
84 100
49 105.2 114.4 171.6#
51 34.7 35.3 52.9#
86 62.7 53.7 80.5

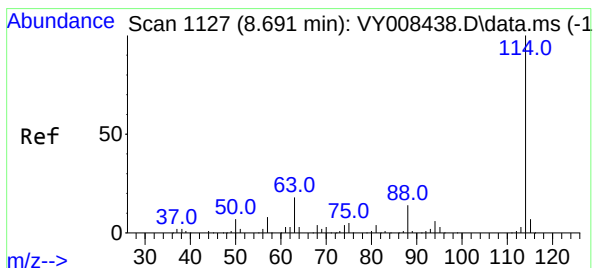
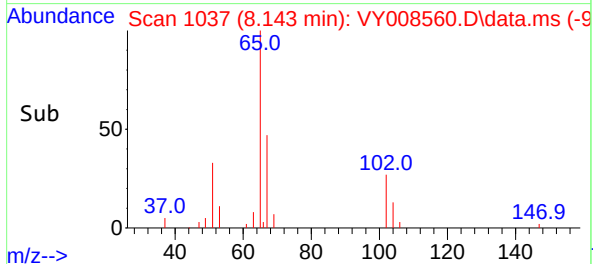
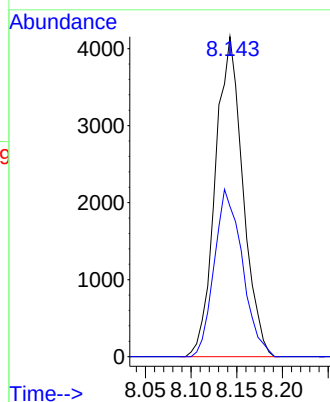
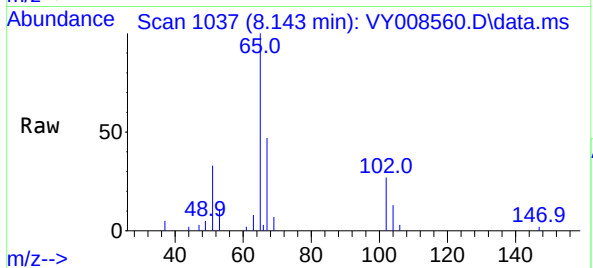




#33
1,2-Dichloroethane-d4
Concen: 37.886 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

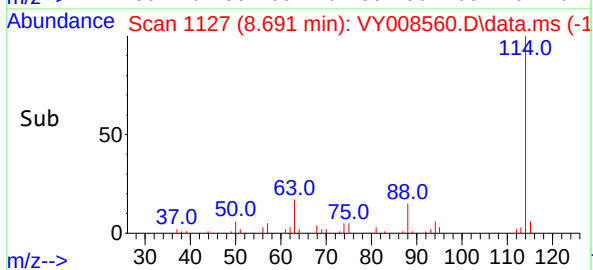
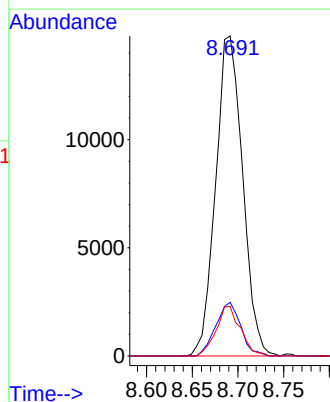
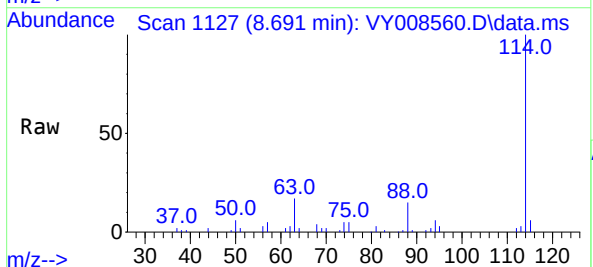
Instrument :
MSVOA_Y
ClientSampleId :
MH-2RE

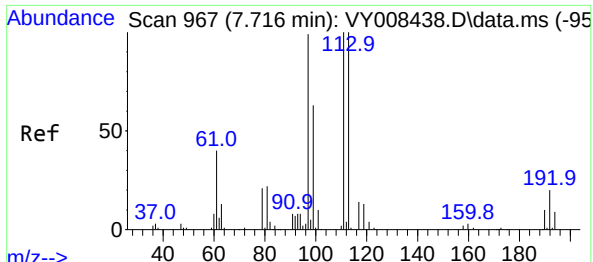
Tgt Ion: 65 Resp: 8723
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

Tgt Ion: 114 Resp: 30365
Ion Ratio Lower Upper
114 100
63 16.7 0.0 43.2
88 15.5 0.0 31.8

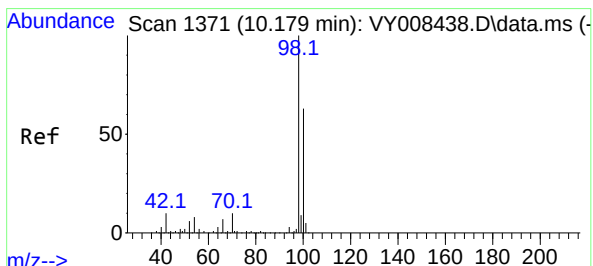
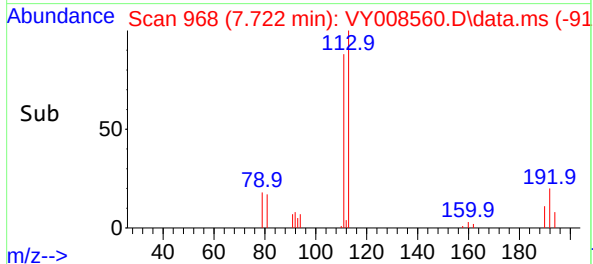
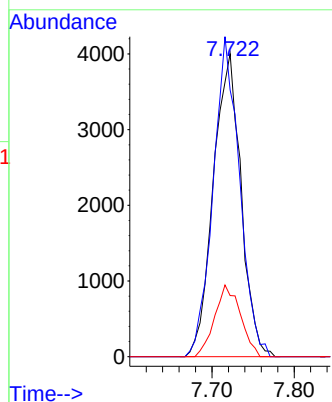
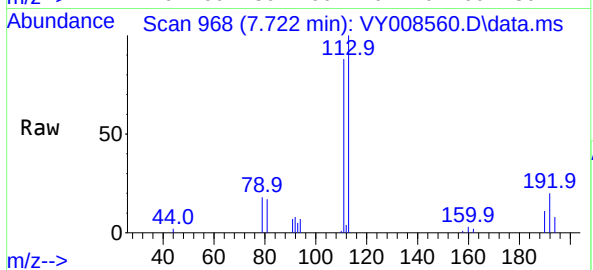




#35
Dibromofluoromethane
Concen: 47.767 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

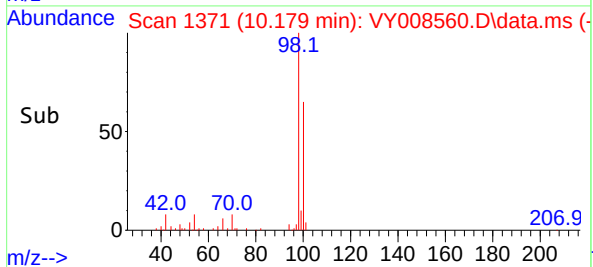
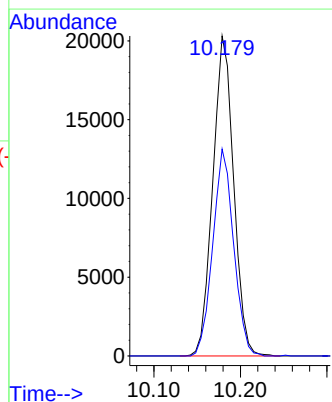
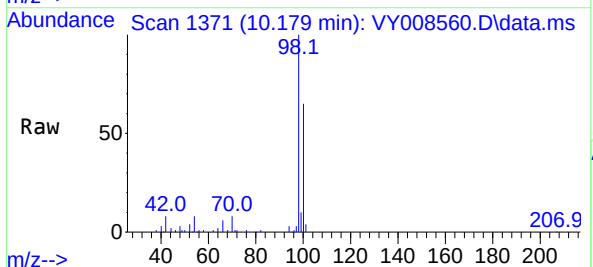
Instrument :
MSVOA_Y
ClientSampleId :
MH-2RE

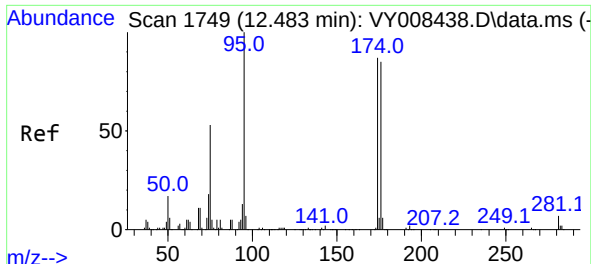
Tgt Ion:113 Resp: 9361
Ion Ratio Lower Upper
113 100
111 100.9 82.6 124.0
192 22.1 17.6 26.4



#50
Toluene-d8
Concen: 43.745 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

Tgt Ion: 98 Resp: 33942
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

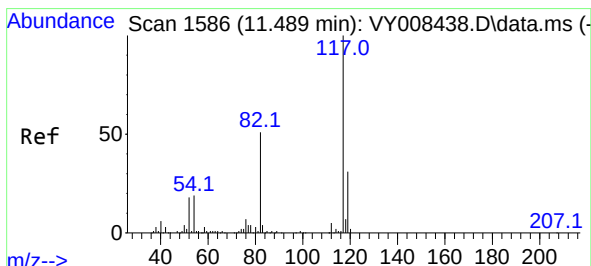
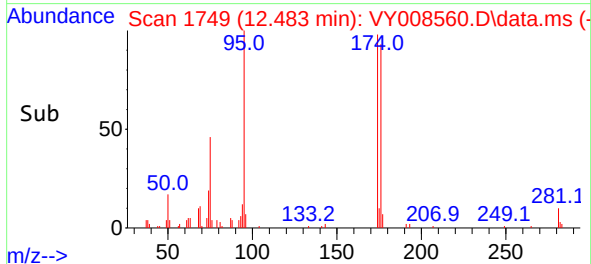
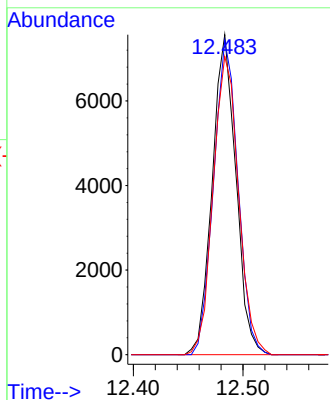
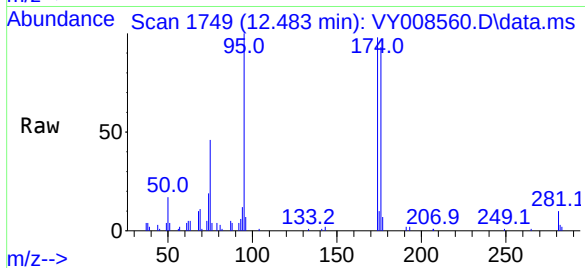




#62
4-Bromofluorobenzene
Concen: 43.038 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

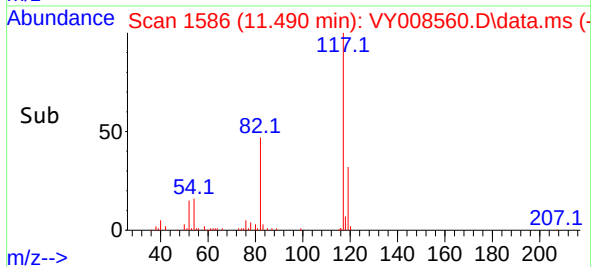
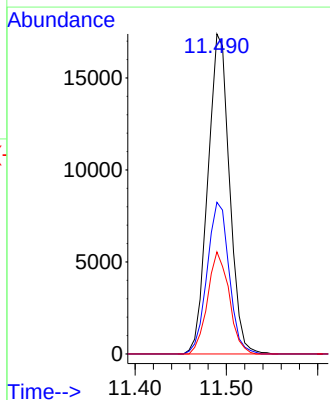
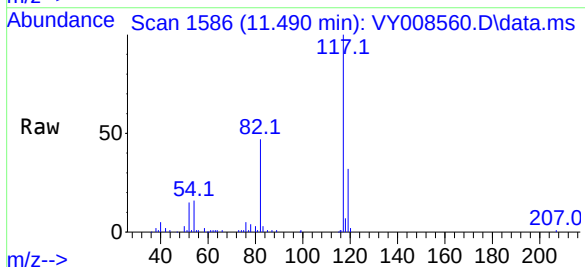
Instrument :
MSVOA_Y
ClientSampleId :
MH-2RE

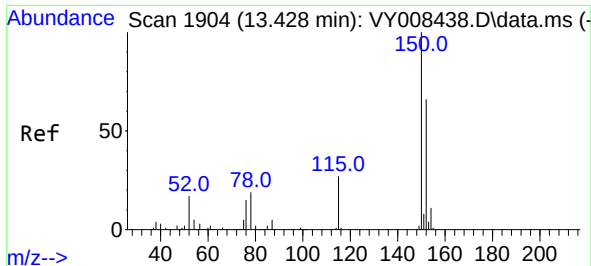
Tgt Ion:	95	Resp:	11357
Ion	Ratio	Lower	Upper
95	100		
174	100.8	0.0	177.0
176	99.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

Tgt Ion:	117	Resp:	28567
Ion	Ratio	Lower	Upper
117	100		
82	47.4	43.0	64.4
119	31.9	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008560.D

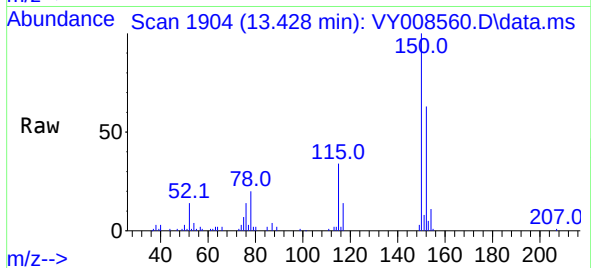
Acq: 29 Apr 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :

MH-2RE



Tgt Ion:152 Resp: 13467

Ion Ratio Lower Upper

152 100

115 52.0 28.2 84.7

150 155.1 0.0 347.6

