

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008563.D
 Acq On : 29 Apr 2022 16:47
 Operator : KP/MD
 Sample : N2600-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15D

Quant Time: Apr 30 00:38:57 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)

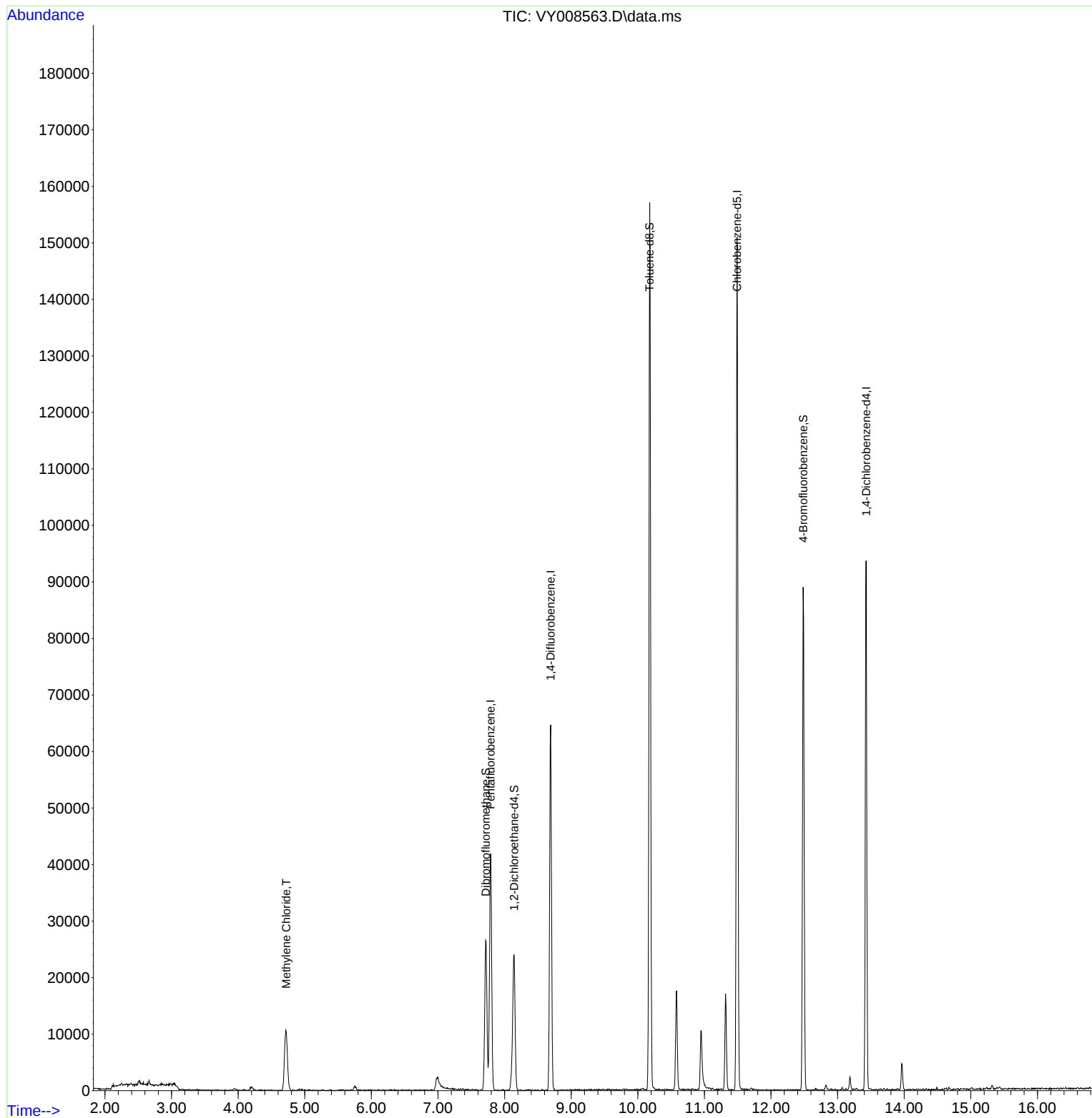
Internal Standards						
1) Pentafluorobenzene	7.789	168	32423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	57250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	17615	46.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.340%
35) Dibromofluoromethane	7.716	113	18341	49.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.179	98	109051	73.019	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	146.040%#
62) 4-Bromofluorobenzene	12.483	95	21314	42.840	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.680%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	8485	13.907	ug/l #	74

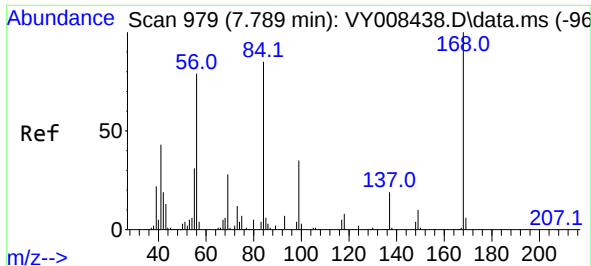
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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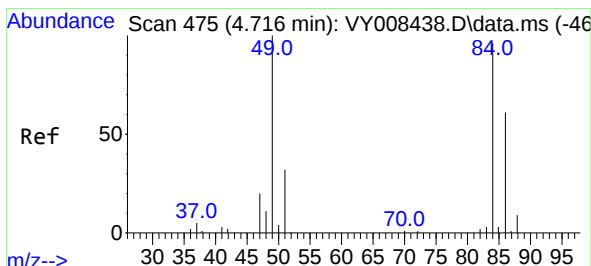
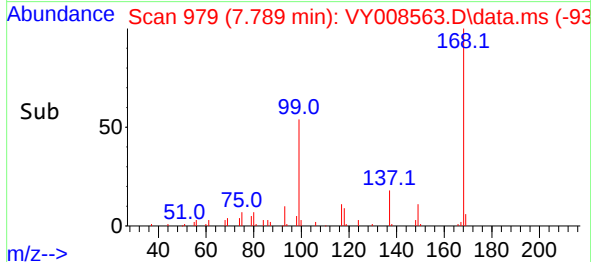
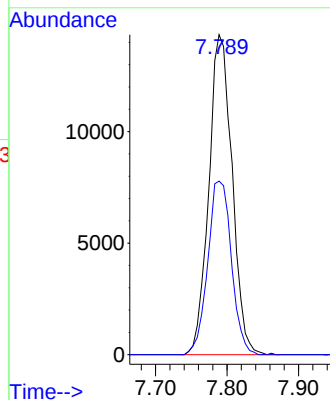
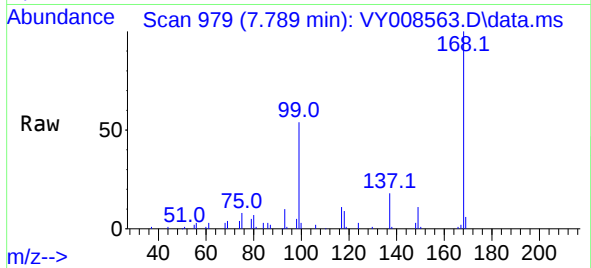




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

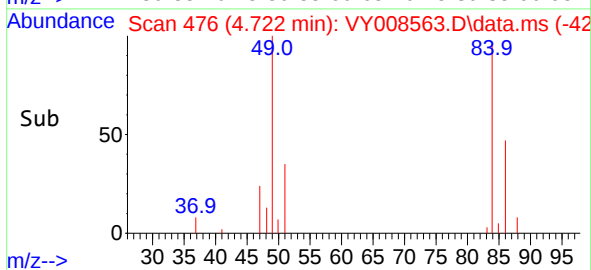
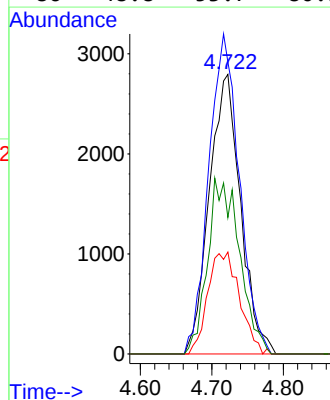
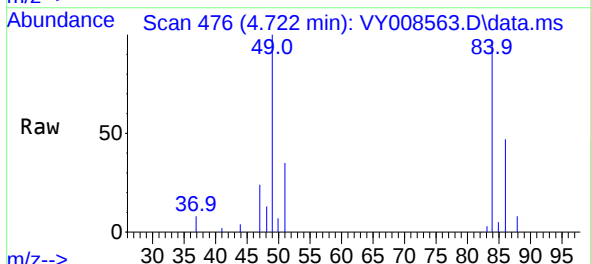
Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

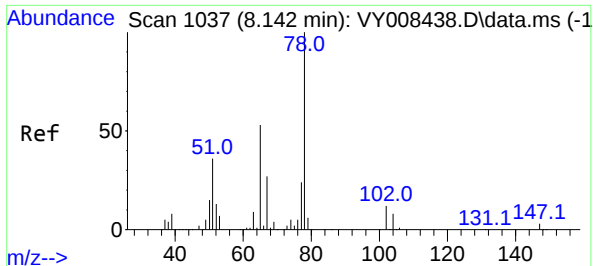
Tgt Ion:168 Resp: 32423
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#20
Methylene Chloride
Concen: 13.907 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

Tgt Ion: 84 Resp: 8485
Ion Ratio Lower Upper
84 100
49 104.4 114.4 171.6#
51 36.5 35.3 52.9
86 48.8 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 46.173 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008563.D

Acq: 29 Apr 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

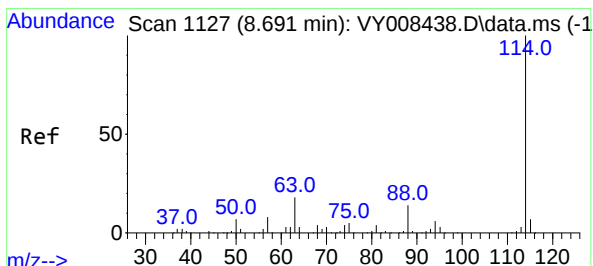
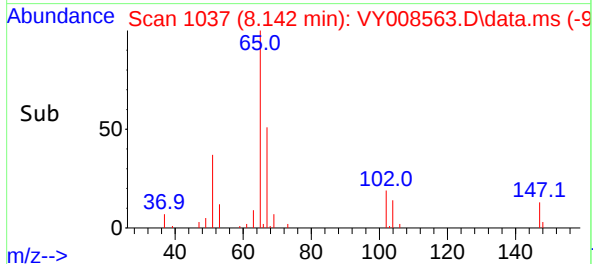
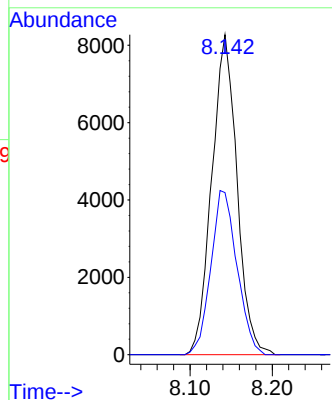
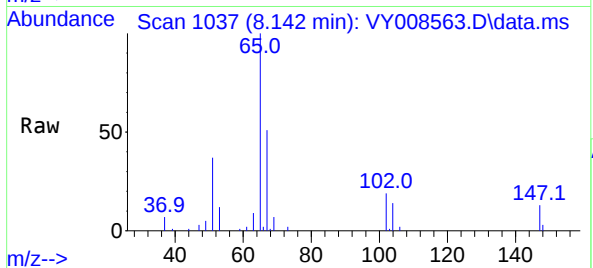
MH-15D

Tgt Ion: 65 Resp: 17615

Ion Ratio Lower Upper

65 100

67 53.2 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: VY008563.D

Acq: 29 Apr 2022 16:47

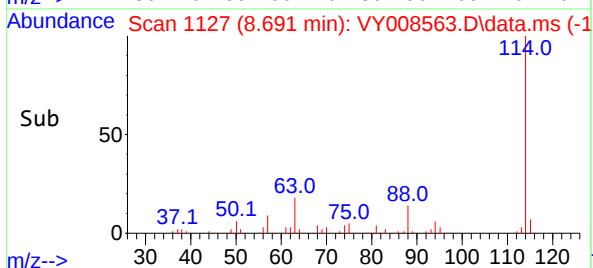
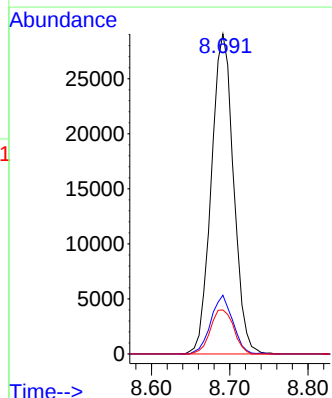
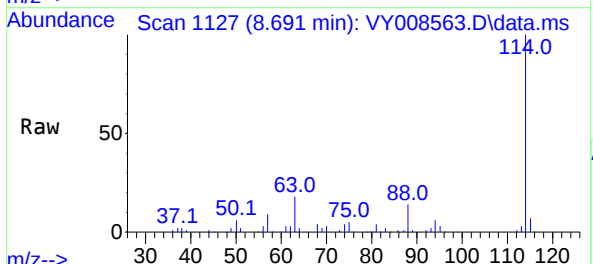
Tgt Ion: 114 Resp: 57250

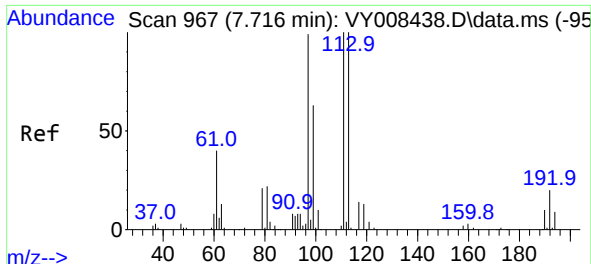
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.8 0.0 31.8



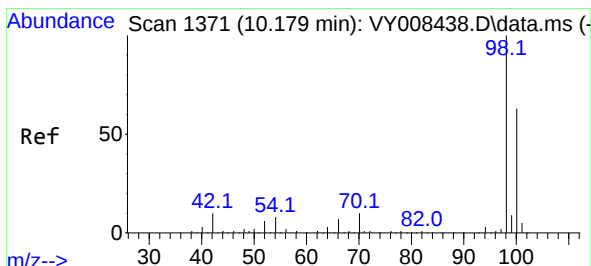
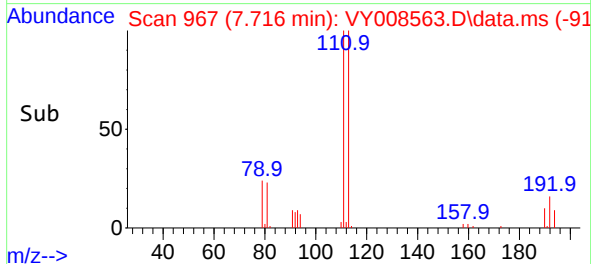
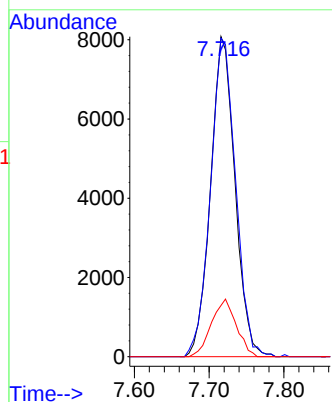
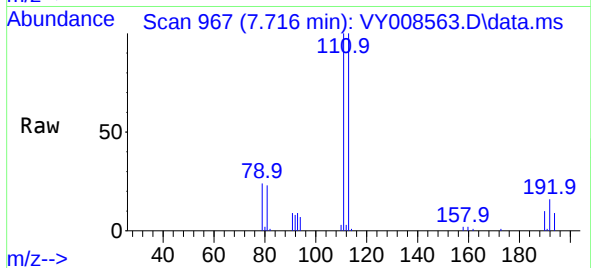


#35
Dibromofluoromethane
Concen: 49.640 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

Tgt Ion:113 Resp: 18341

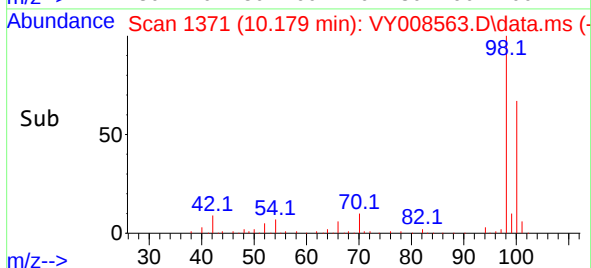
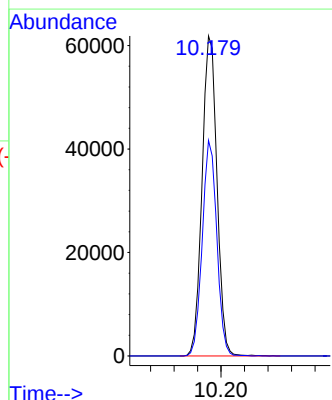
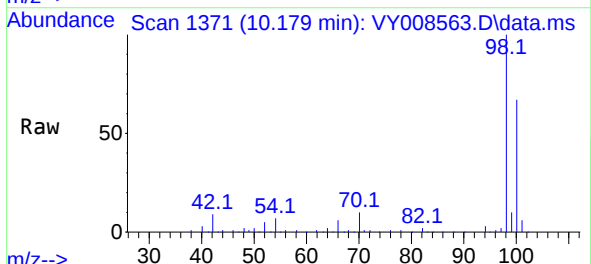
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	18.4	17.6	26.4

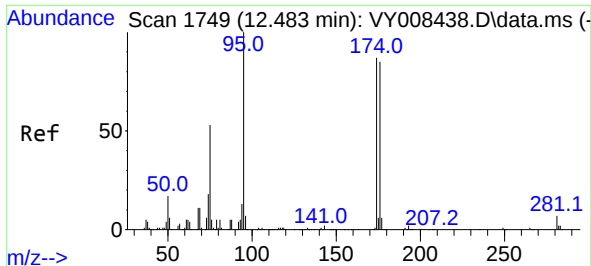


#50
Toluene-d8
Concen: 73.019 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

Tgt Ion: 98 Resp: 109051

Ion	Ratio	Lower	Upper
98	100		
100	65.6	50.2	75.2

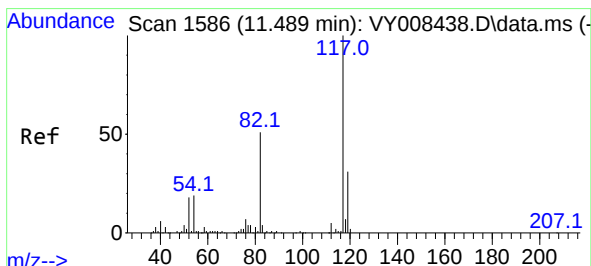
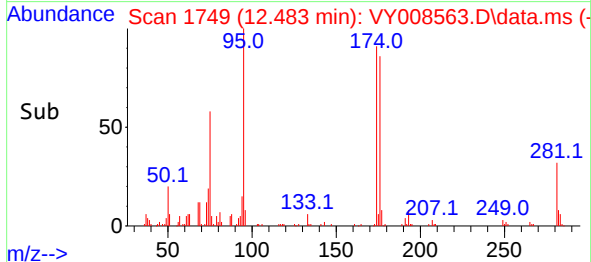
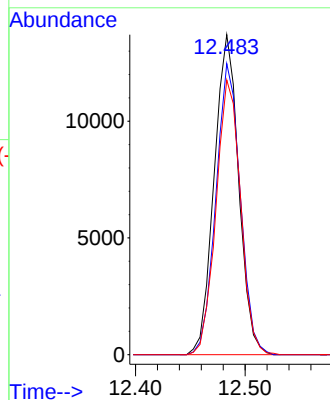
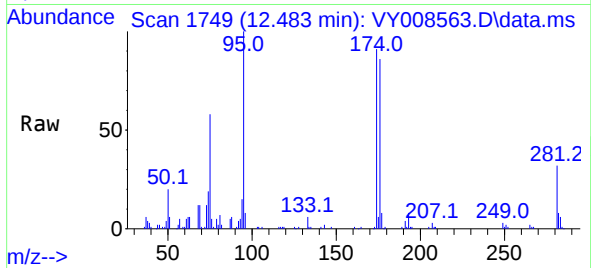




#62
4-Bromofluorobenzene
Concen: 42.840 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

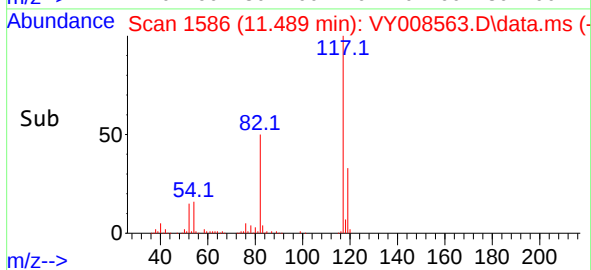
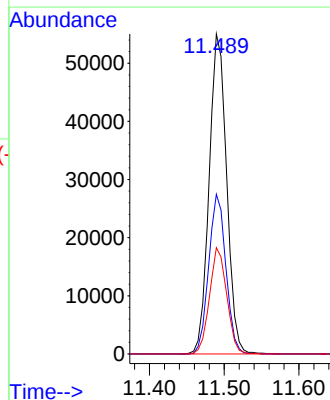
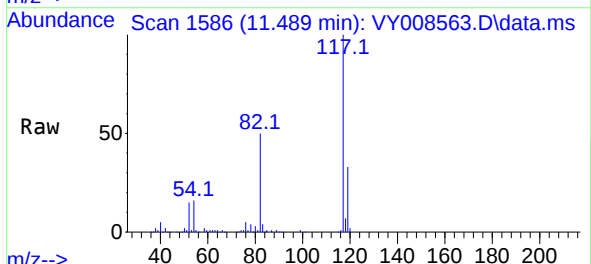
Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

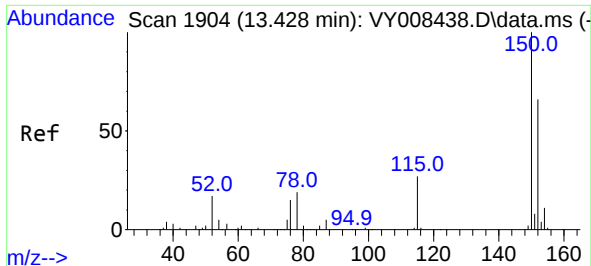
Tgt Ion:	95	Resp:	21314
Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	177.0
176	85.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

Tgt Ion:	117	Resp:	89433
Ion	Ratio	Lower	Upper
117	100		
82	49.9	43.0	64.4
119	33.2	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: VY008563.D

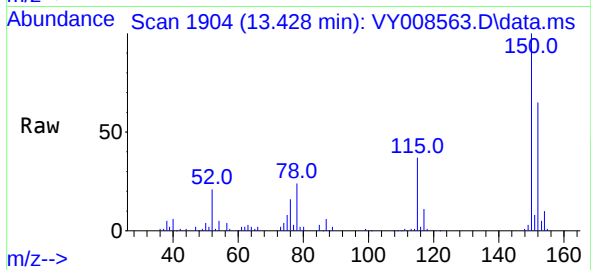
Acq: 29 Apr 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

MH-15D



Tgt Ion:152 Resp: 23225

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 158.9 0.0 347.6

