

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008594.D
 Acq On : 03 May 2022 16:05
 Operator : KP/MD
 Sample : N2616-10
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-20D

Quant Time: May 04 02:42:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70547	51.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.700%
35) Dibromofluoromethane	7.716	113	76134	47.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.179	98	282912	50.152	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.483	95	105965	51.251	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.500%

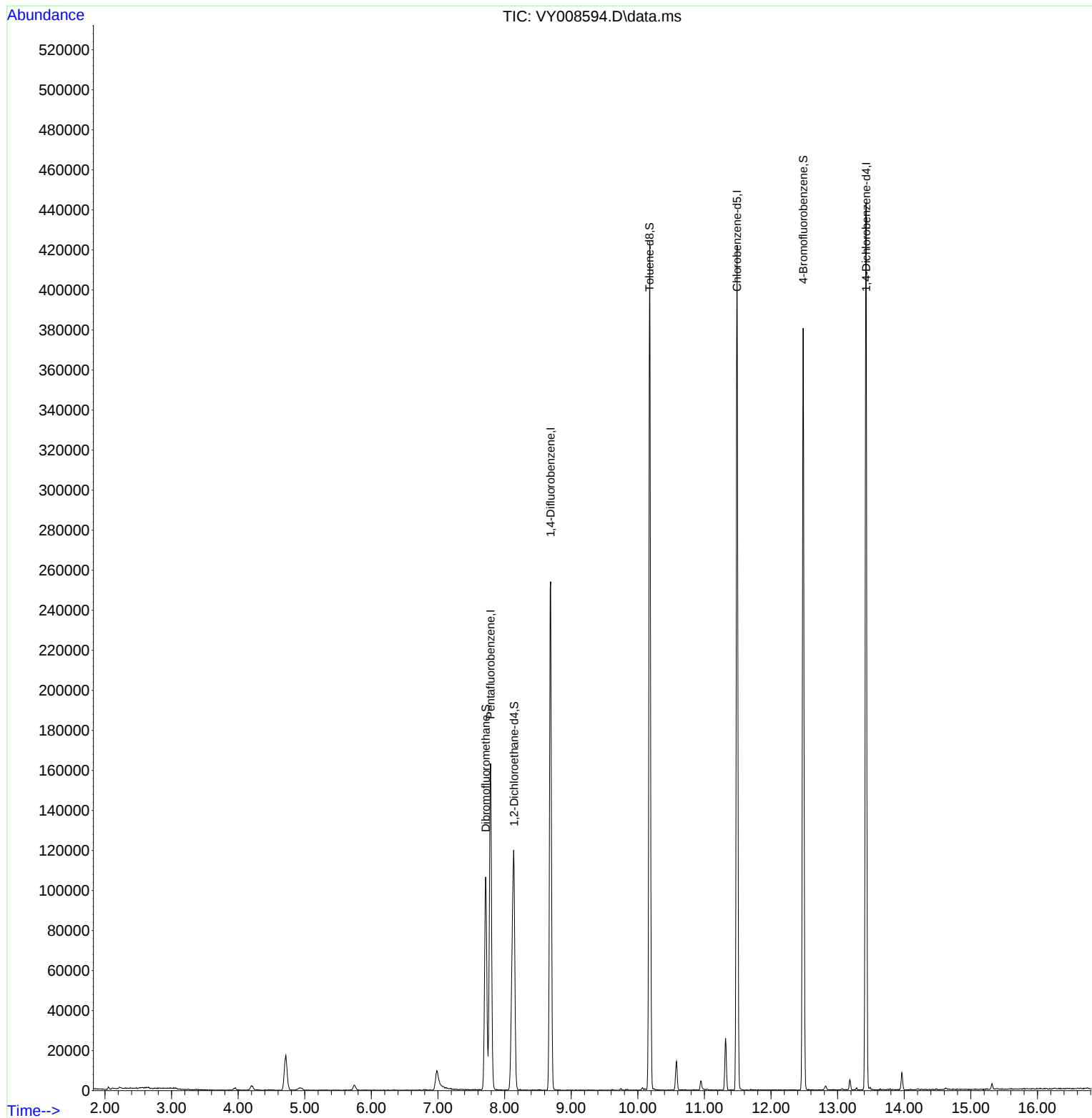
Target Compounds	Qvalue

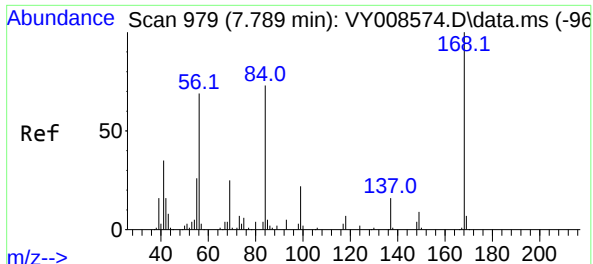
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
Data File : VY008594.D
Acq On : 03 May 2022 16:05
Operator : KP/MD
Sample : N2616-10
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-20D

Quant Time: May 04 02:42:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 2022
Response via : Initial Calibration

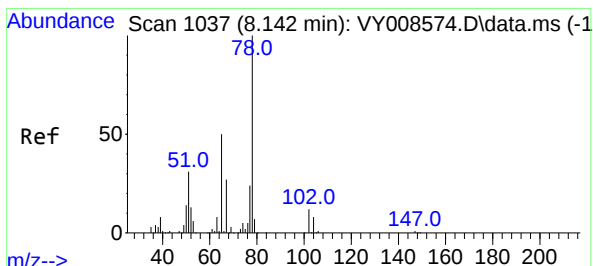
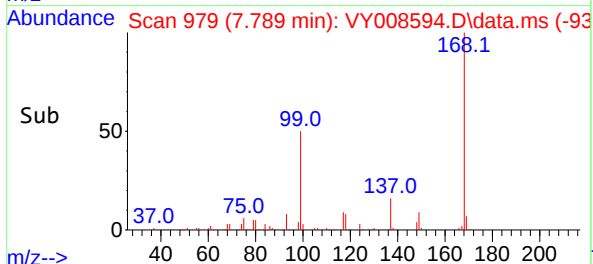
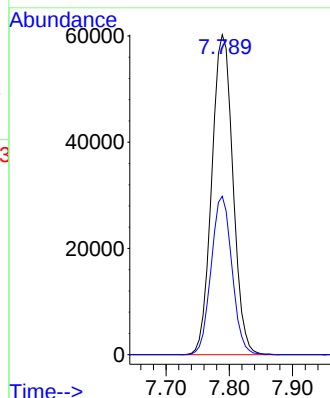
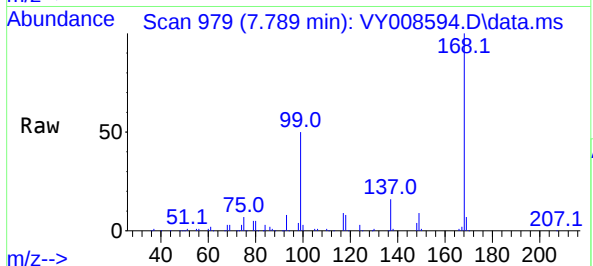




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

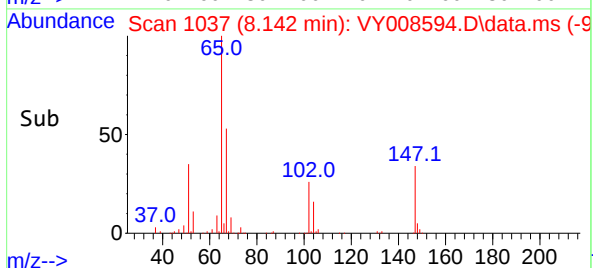
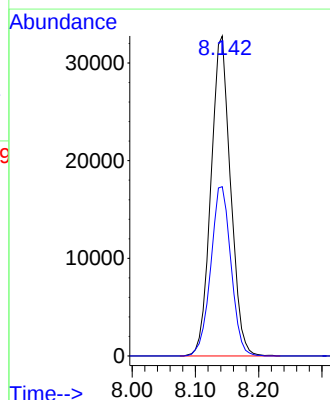
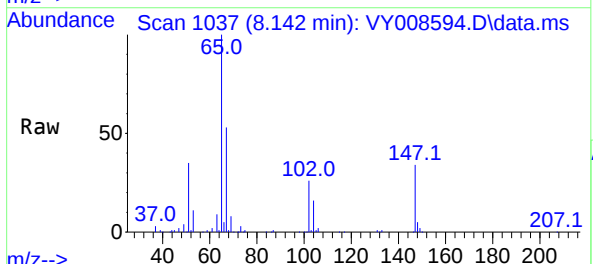
Instrument :
MSVOA_Y
ClientSampleId :
MH-20D

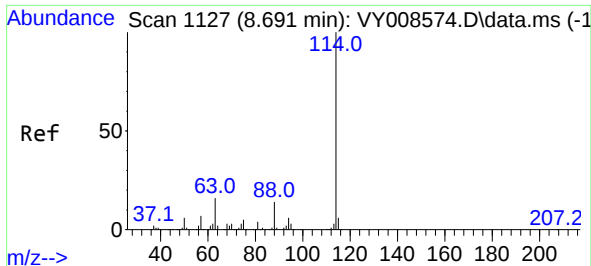
Tgt Ion:168 Resp: 139981
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.853 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

Tgt Ion: 65 Resp: 70547
Ion Ratio Lower Upper
65 100
67 54.7 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: VY008594.D

Acq: 03 May 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :

MH-20D

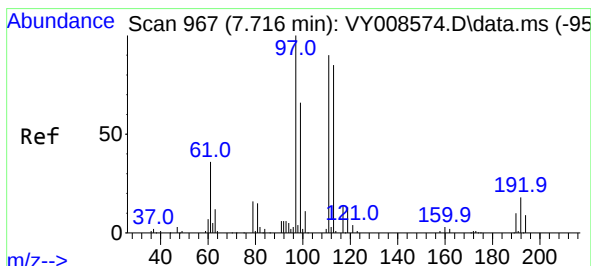
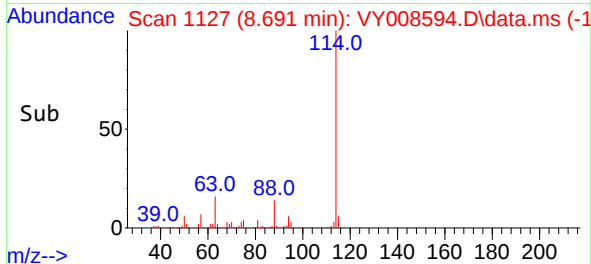
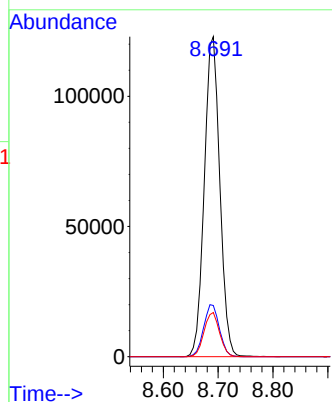
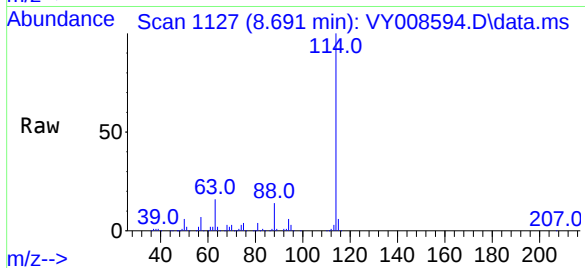
Tgt Ion:114 Resp: 240632

Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.815 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008594.D

Acq: 03 May 2022 16:05

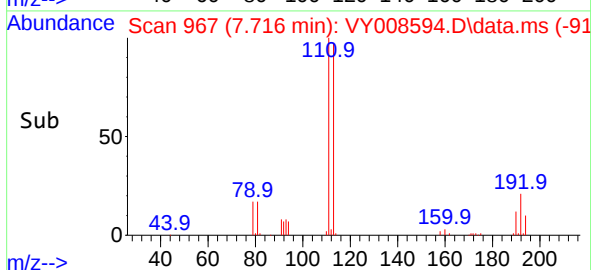
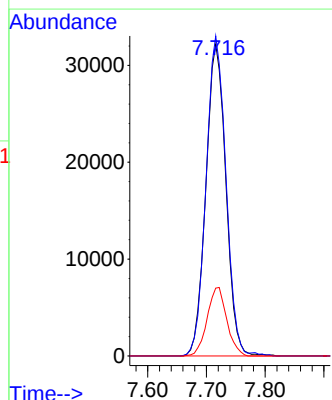
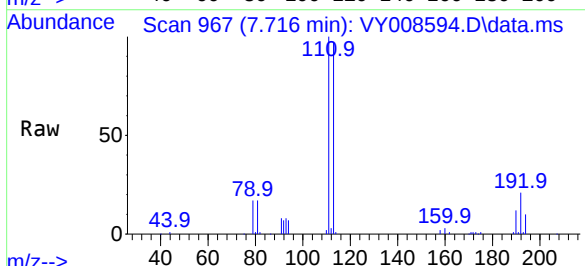
Tgt Ion:113 Resp: 76134

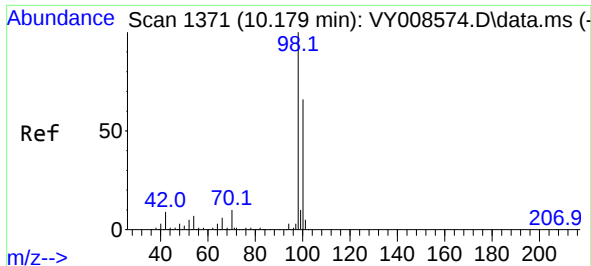
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 21.6 17.6 26.4

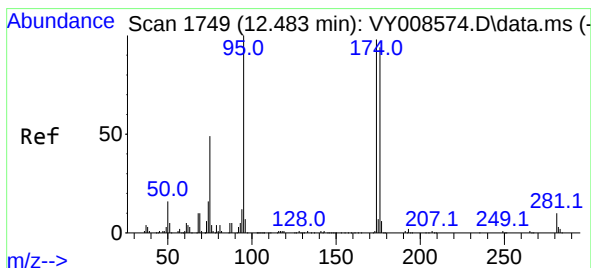
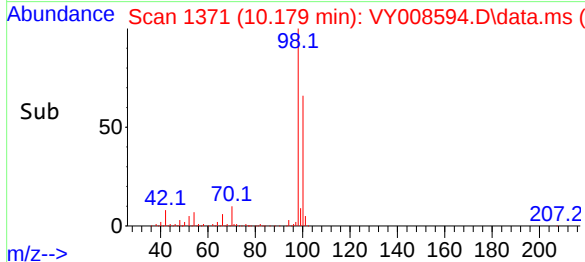
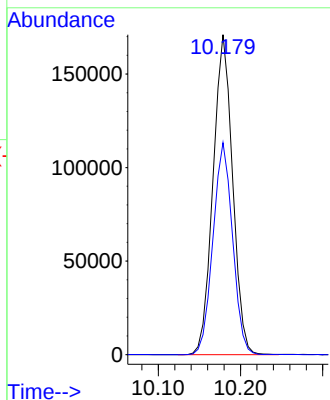
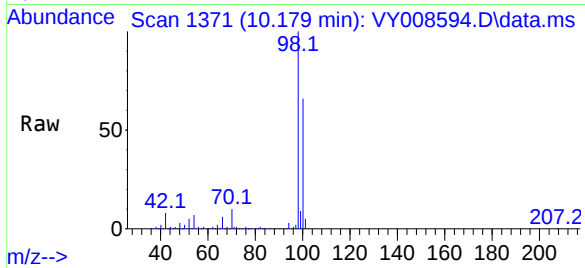




#50
Toluene-d8
Concen: 50.152 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

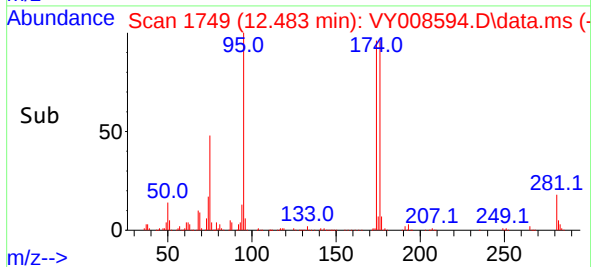
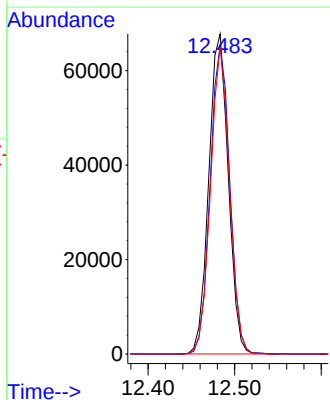
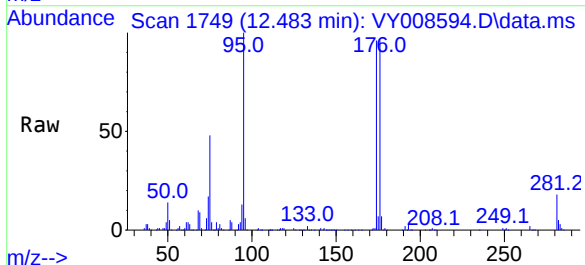
Instrument :
MSVOA_Y
ClientSampleId :
MH-20D

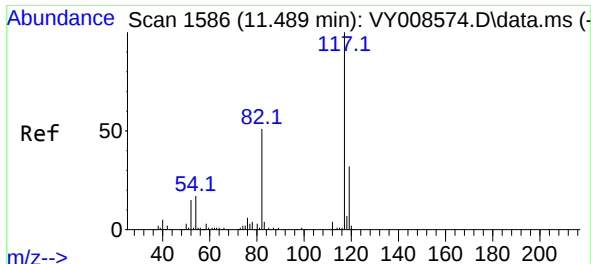
Tgt Ion: 98 Resp: 282912
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.251 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

Tgt Ion: 95 Resp: 105965
Ion Ratio Lower Upper
95 100
174 96.8 0.0 177.0
176 93.3 0.0 175.8

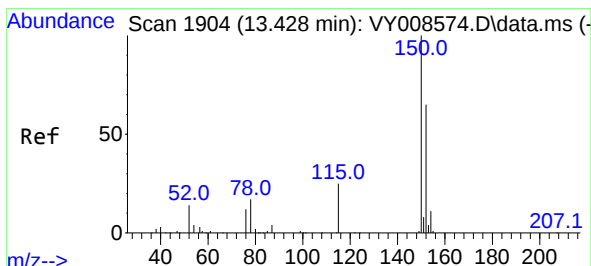
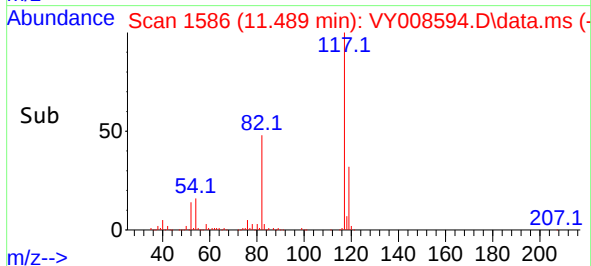
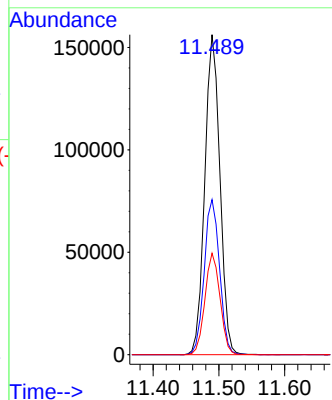
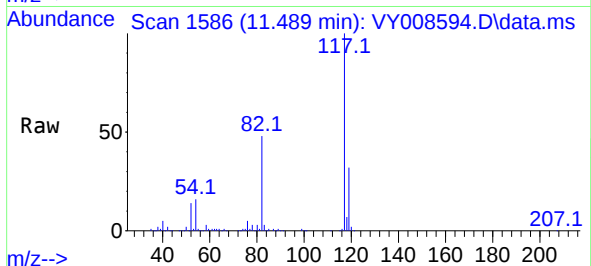




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

Instrument :
MSVOA_Y
ClientSampleId :
MH-20D

Tgt Ion:117 Resp: 250133
Ion Ratio Lower Upper
117 100
82 48.5 43.0 64.4
119 31.7 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: VY008594.D
Acq: 03 May 2022 16:05

Tgt Ion:152 Resp: 125704
Ion Ratio Lower Upper
152 100
115 53.7 28.2 84.7
150 156.7 0.0 347.6

