

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021328.D
 Acq On : 26 Feb 2025 13:54
 Operator : SY/MD
 Sample : Q1401-07
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-825-827

Quant Time: Feb 27 00:37:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	237643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	467253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	479781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	211227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165185	61.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.540%
35) Dibromofluoromethane	7.634	113	159219	51.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.960%
50) Toluene-d8	10.103	98	584543	49.374	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.401	95	222969	55.961	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.920%

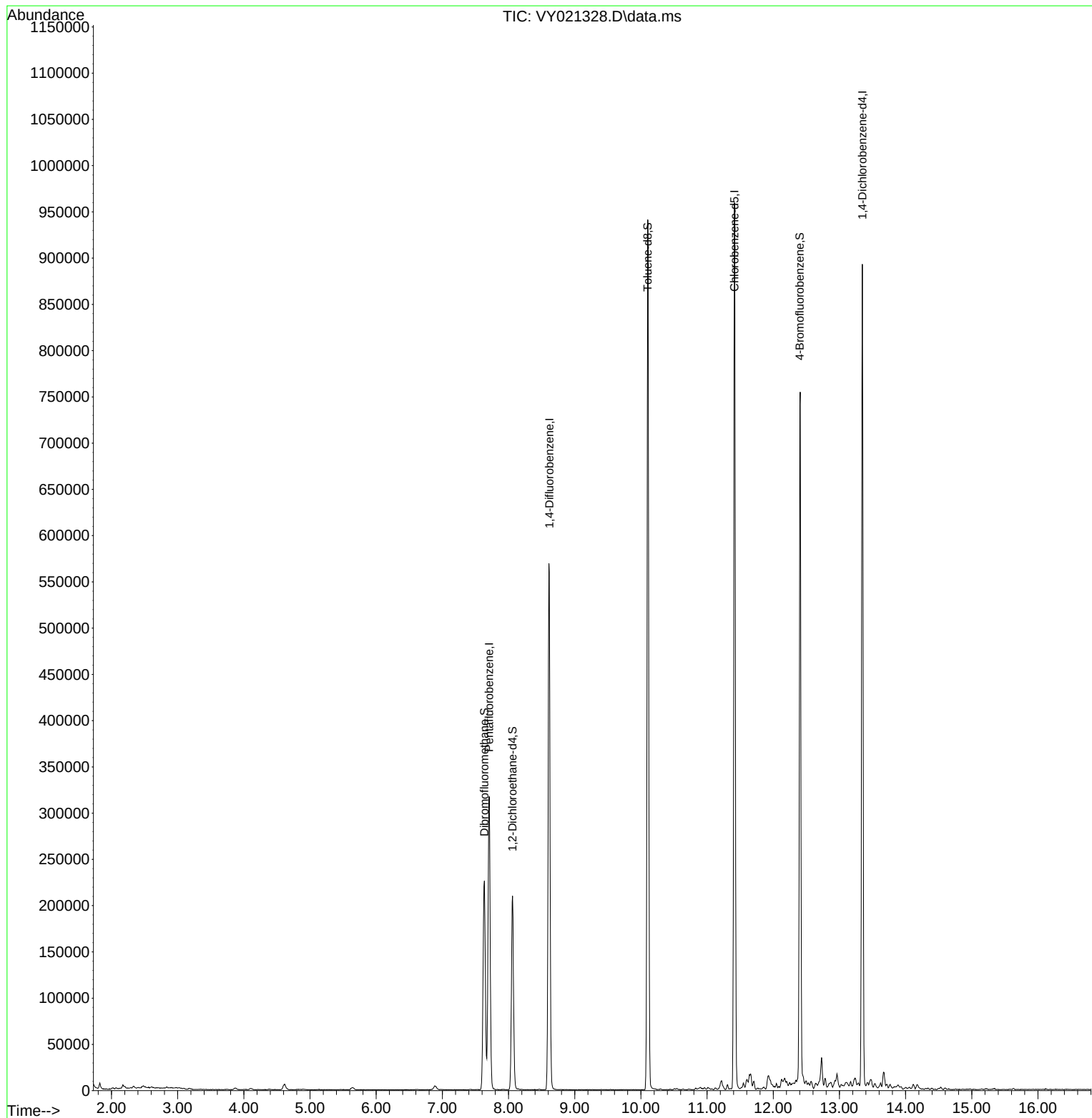
Target Compounds	Qvalue

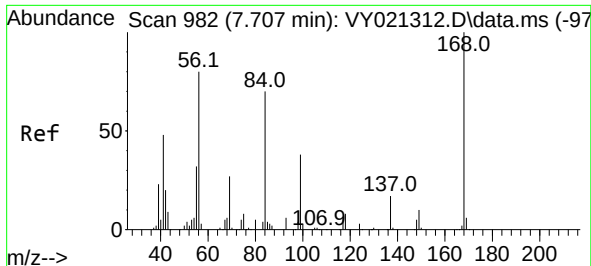
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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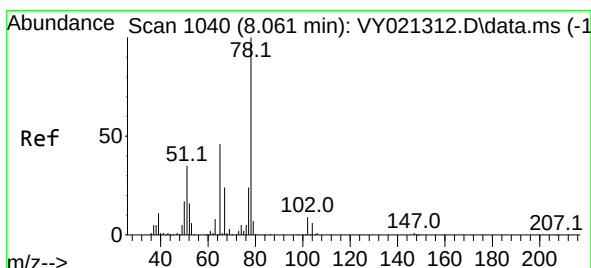
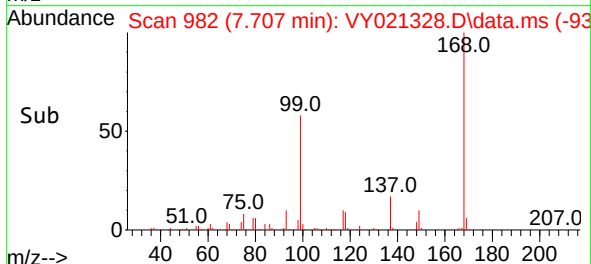
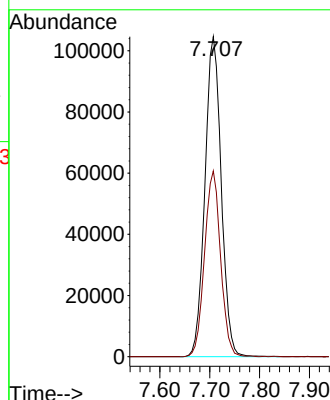
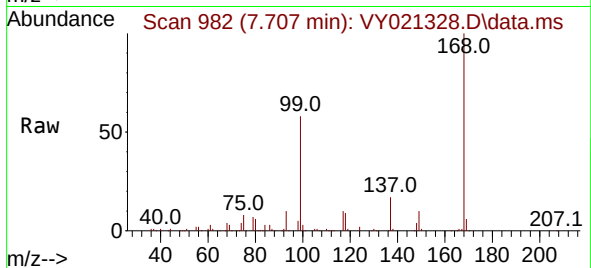




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

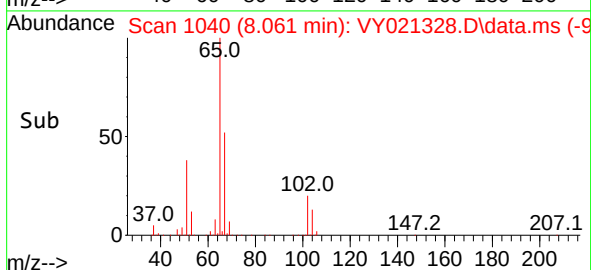
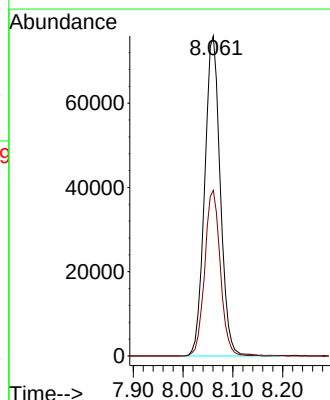
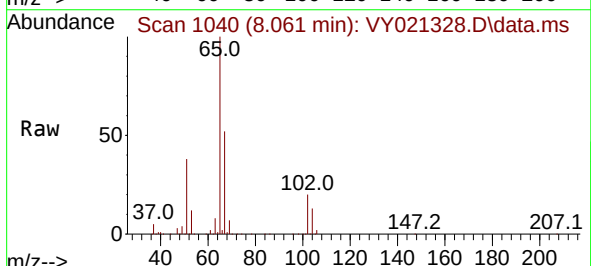
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-825-827

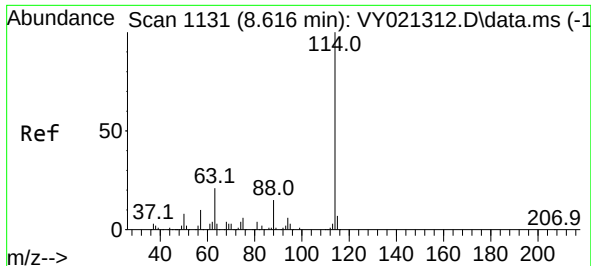
Tgt Ion:168 Resp: 237643
Ion Ratio Lower Upper
168 100
99 58.0 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 61.274 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

Tgt Ion: 65 Resp: 165185
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021328.D

Acq: 26 Feb 2025 13:54

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-825-827

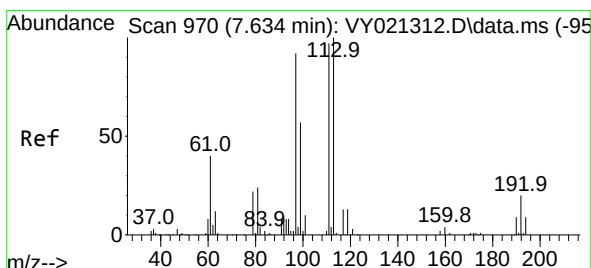
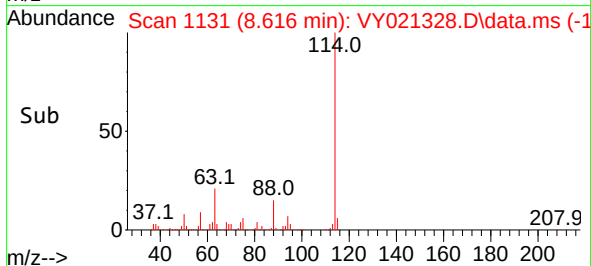
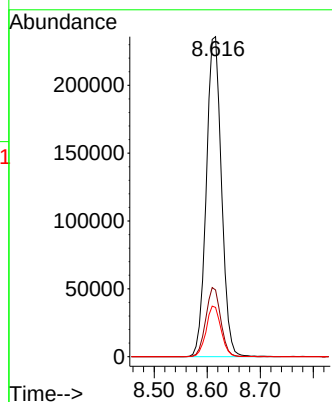
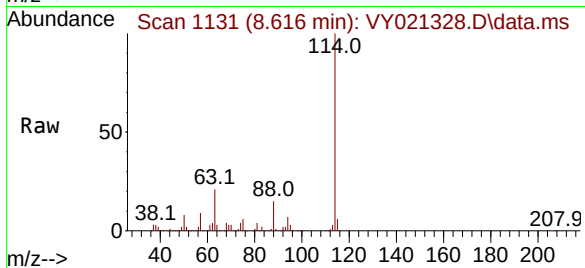
Tgt Ion:114 Resp: 467253

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

88 15.4 0.0 29.8



#35

Dibromofluoromethane

Concen: 51.975 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021328.D

Acq: 26 Feb 2025 13:54

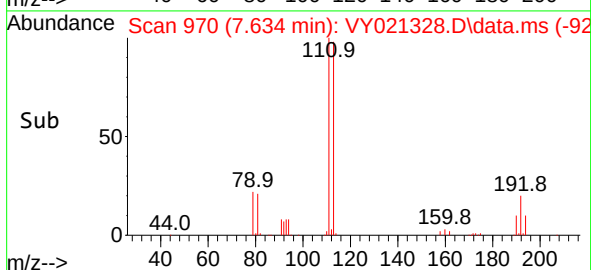
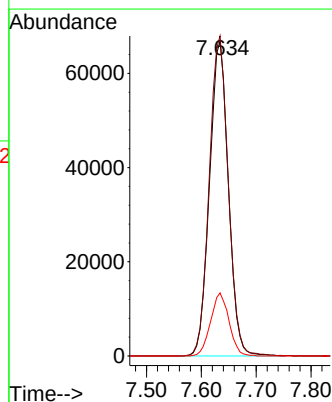
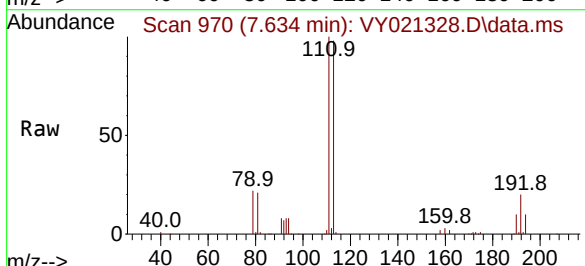
Tgt Ion:113 Resp: 159219

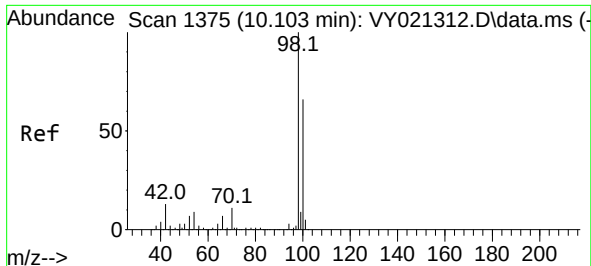
Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.6

192 19.6 15.8 23.8

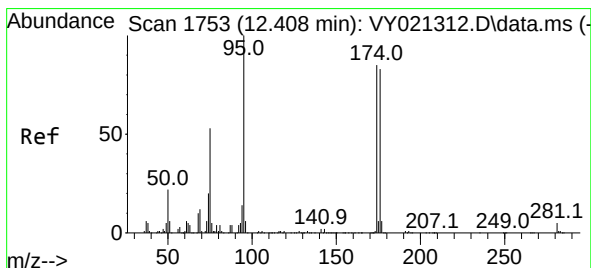
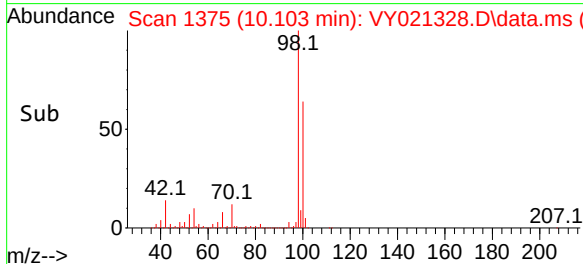
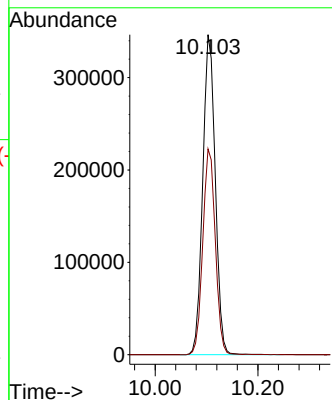
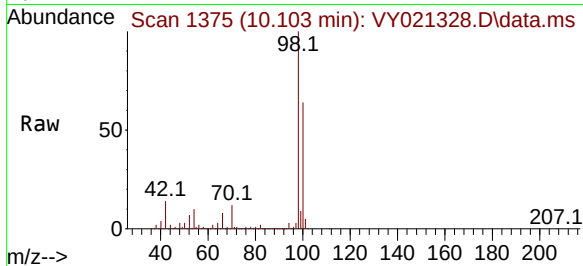




#50
Toluene-d8
Concen: 49.374 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

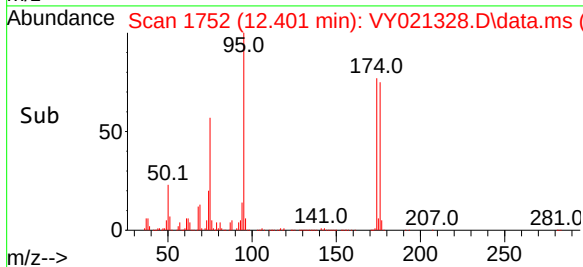
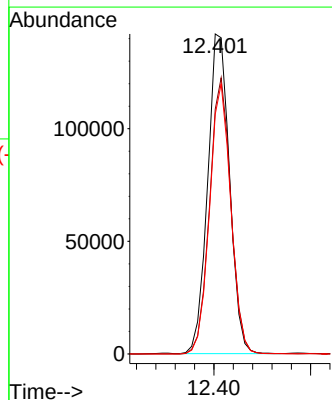
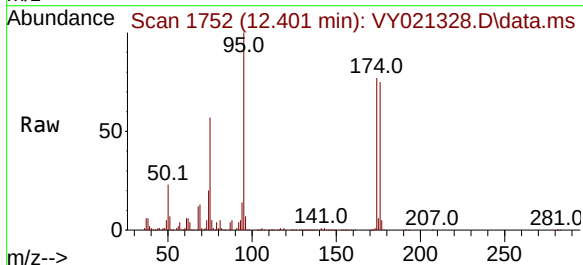
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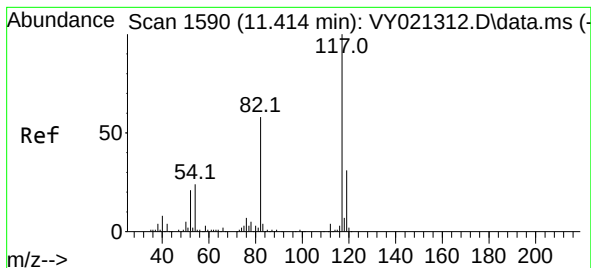
Tgt Ion: 98 Resp: 584543
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.961 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021328.D
Acq: 26 Feb 2025 13:54

Tgt Ion: 95 Resp: 222969
Ion Ratio Lower Upper
95 100
174 84.1 0.0 168.0
176 81.9 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021328.D

Acq: 26 Feb 2025 13:54

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-825-827

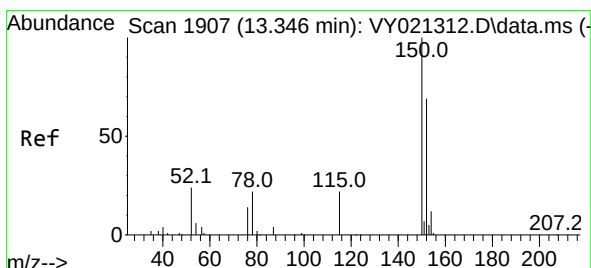
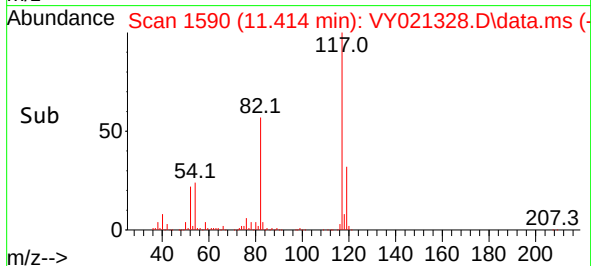
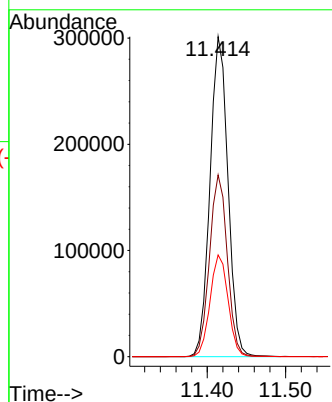
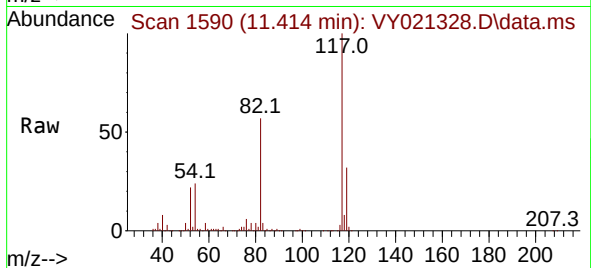
Tgt Ion:117 Resp: 479781

Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

119 31.8 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021328.D

Acq: 26 Feb 2025 13:54

Tgt Ion:152 Resp: 211227

Ion Ratio Lower Upper

152 100

115 59.3 29.3 88.0

150 157.2 0.0 347.4

