

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021334.D
 Acq On : 26 Feb 2025 16:14
 Operator : SY/MD
 Sample : Q1411-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-02212025

Quant Time: Feb 27 00:39:26 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	7.713	168	1878	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	3974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	3036	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2278	106.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 213.860%#	
35) Dibromofluoromethane	7.634	113	1788	68.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.260%	
50) Toluene-d8	10.109	98	4476	44.453	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.900%	
62) 4-Bromofluorobenzene	12.401	95	547	16.142	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 32.280%	

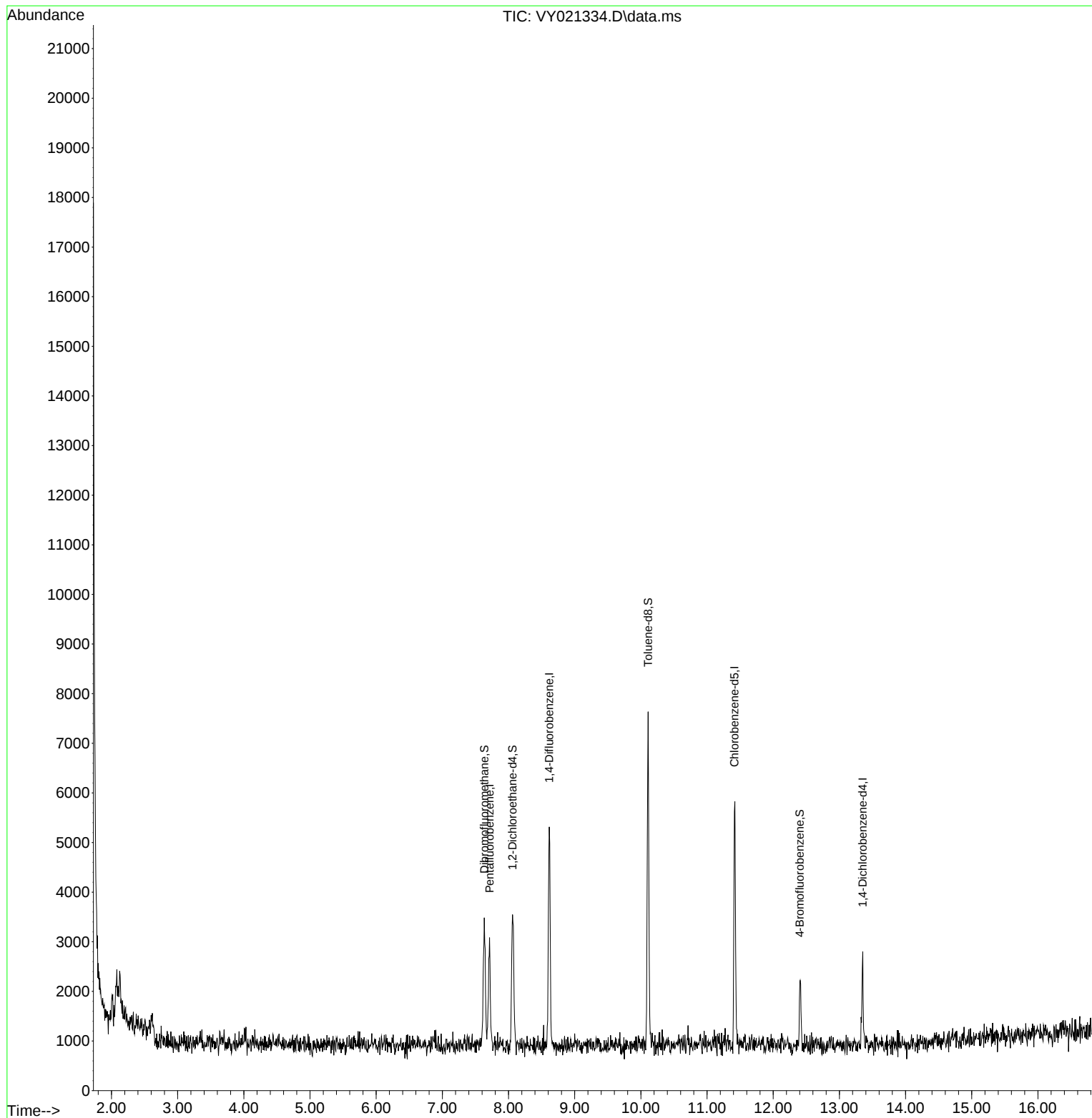
Target Compounds	Qvalue

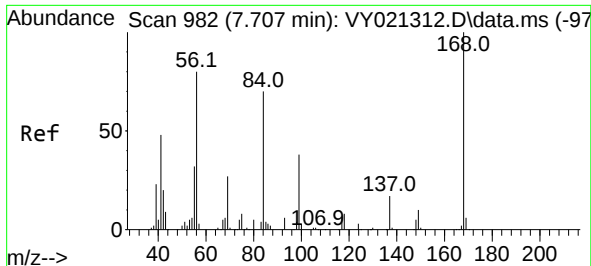
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021334.D
Acq On : 26 Feb 2025 16:14
Operator : SY/MD
Sample : Q1411-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

Quant Time: Feb 27 00:39:26 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

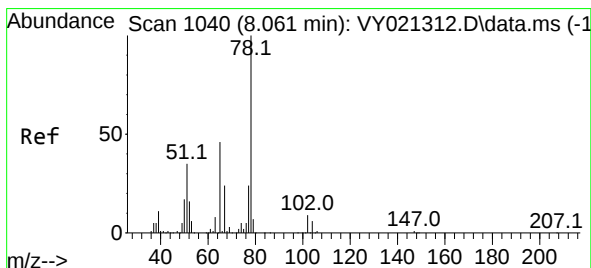
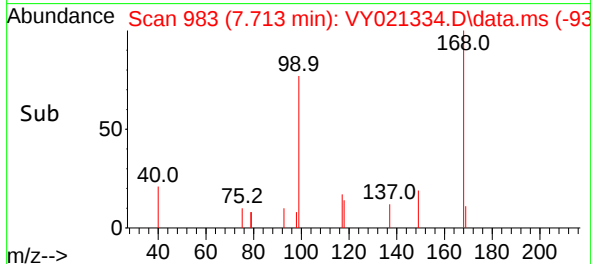
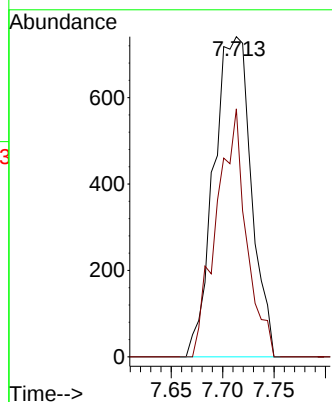
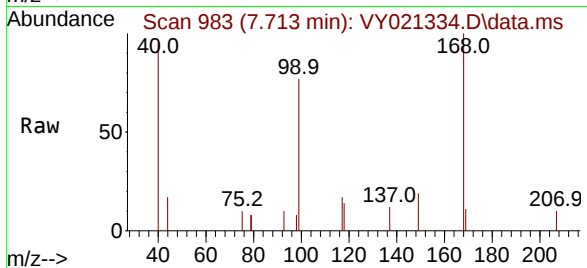




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

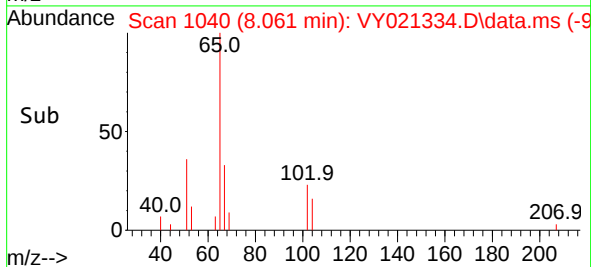
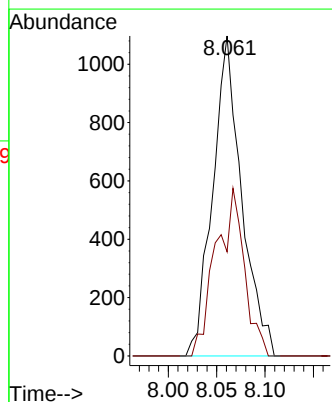
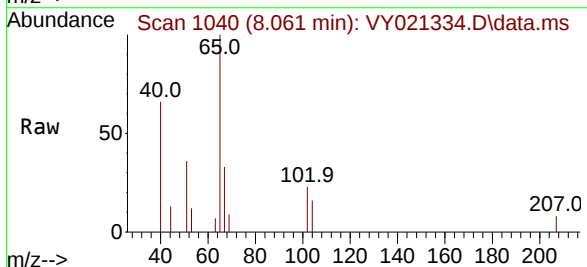
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

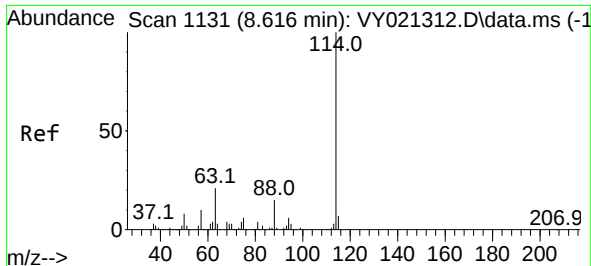
Tgt Ion:168 Resp: 1878
Ion Ratio Lower Upper
168 100
99 77.5 47.1 70.7#



#33
1,2-Dichloroethane-d4
Concen: 106.927 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Tgt Ion: 65 Resp: 2278
Ion Ratio Lower Upper
65 100
67 51.7 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: VY021334.D

Acq: 26 Feb 2025 16:14

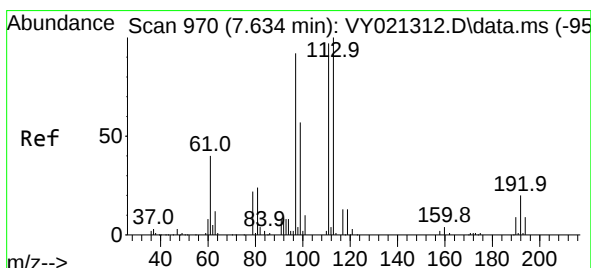
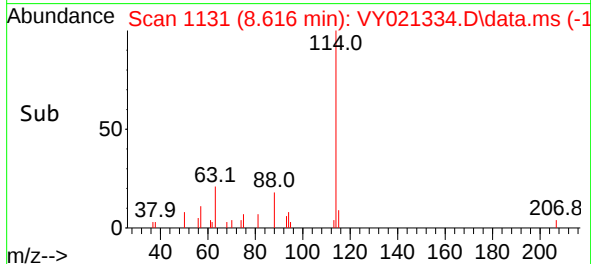
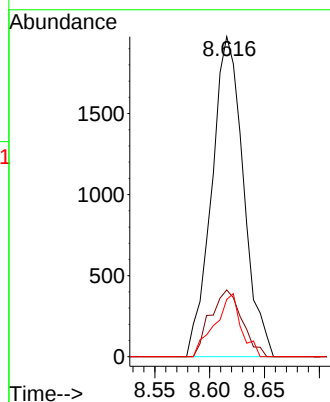
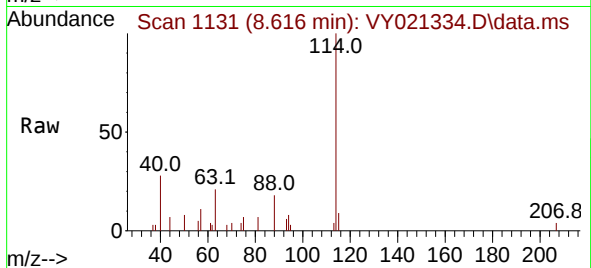
Instrument :

MSVOA_Y

ClientSampleId :

HR-02-02212025

Tgt Ion:114	Resp:	3974
Ion	Ratio	Lower Upper
114	100	
63	20.9	0.0 42.2
88	17.9	0.0 29.8



#35

Dibromofluoromethane

Concen: 68.627 ug/l

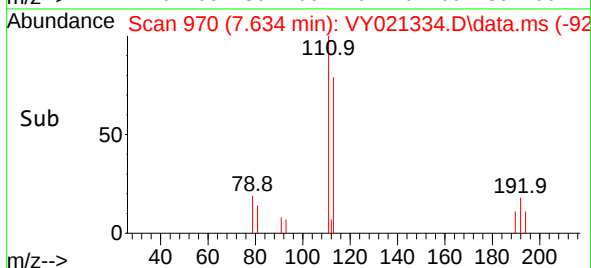
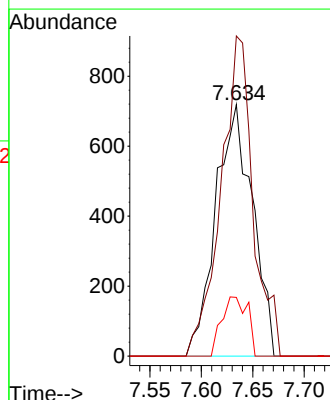
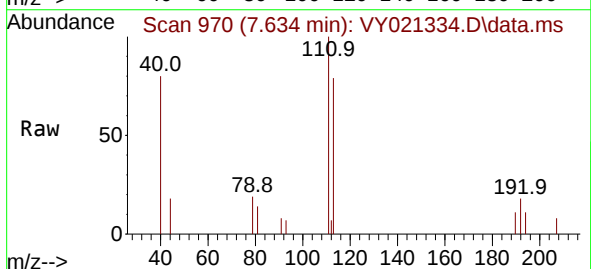
RT: 7.634 min Scan# 970

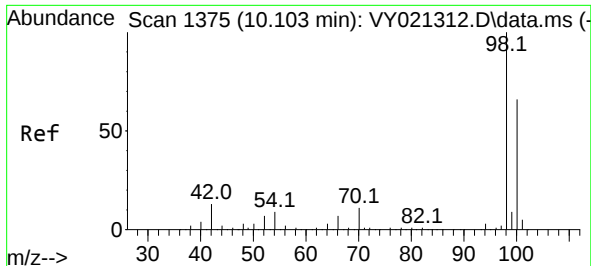
Delta R.T. 0.000 min

Lab File: VY021334.D

Acq: 26 Feb 2025 16:14

Tgt Ion:113	Resp:	1788
Ion	Ratio	Lower Upper
113	100	
111	111.2	81.0 121.6
192	16.6	15.8 23.8

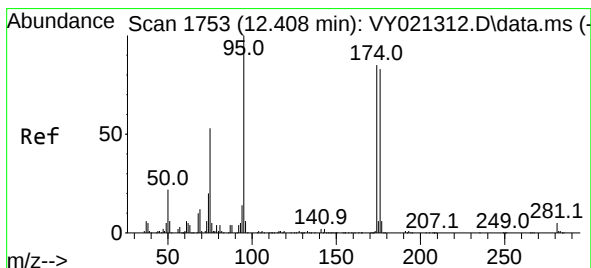
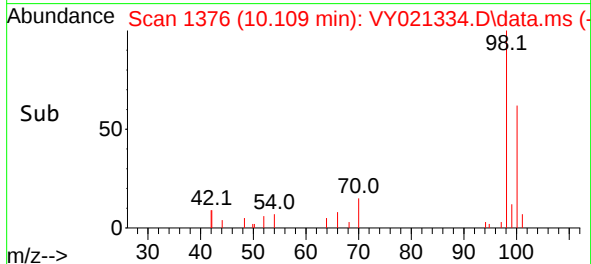
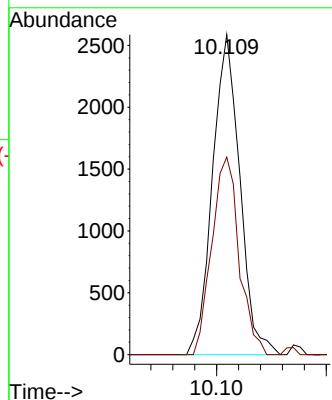
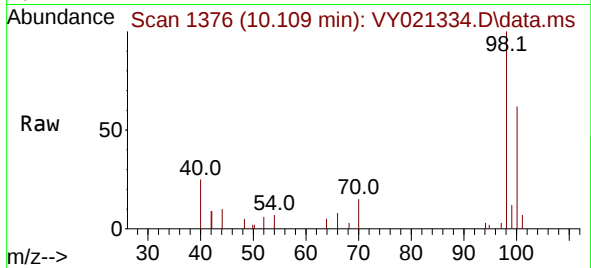




#50
Toluene-d8
Concen: 44.453 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

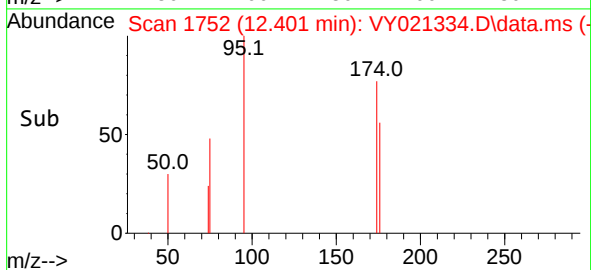
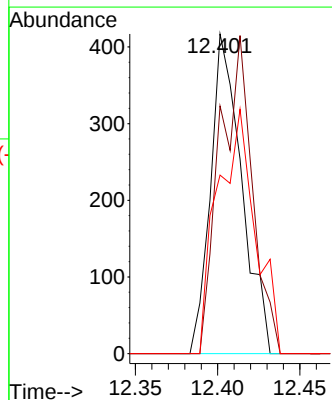
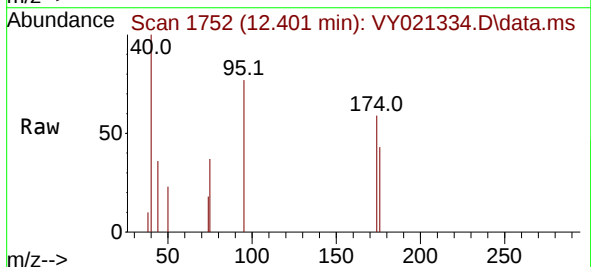
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-02212025

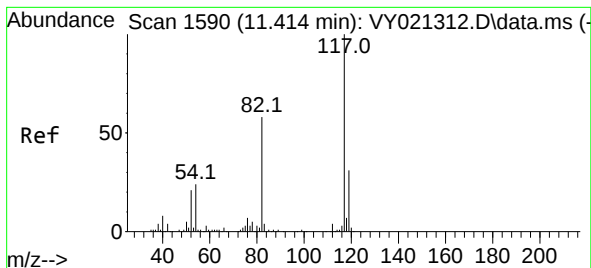
Tgt Ion: 98 Resp: 4476
Ion Ratio Lower Upper
98 100
100 61.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 16.142 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021334.D
Acq: 26 Feb 2025 16:14

Tgt Ion: 95 Resp: 547
Ion Ratio Lower Upper
95 100
174 104.0 0.0 168.0
176 92.5 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: VY021334.D

Acq: 26 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-02212025

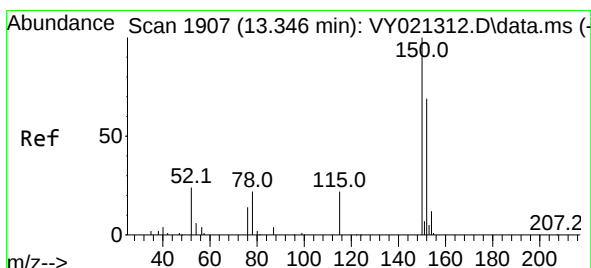
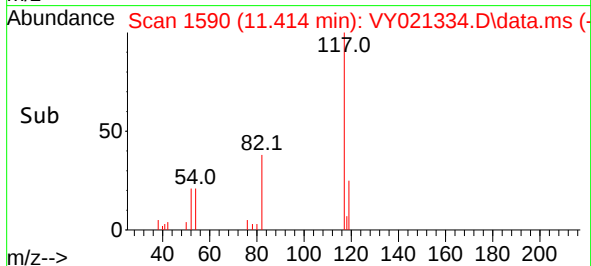
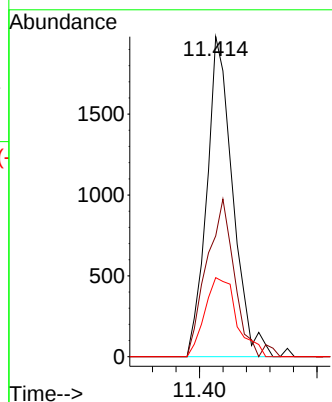
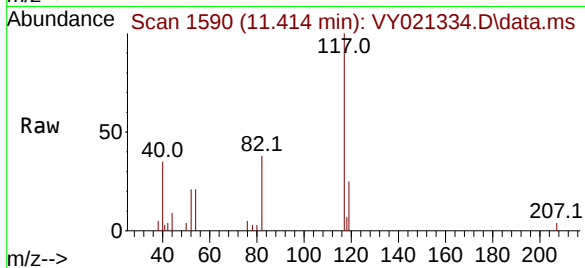
Tgt Ion:117 Resp: 3036

Ion Ratio Lower Upper

117 100

82 37.7 46.2 69.4#

119 24.7 24.9 37.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021334.D

Acq: 26 Feb 2025 16:14

Tgt Ion:152 Resp: 559

Ion Ratio Lower Upper

152 100

115 54.0 29.3 88.0

150 141.0 0.0 347.4

