

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022568.D
 Acq On : 05 Jun 2025 12:45
 Operator : SY/MD
 Sample : Q2177-06
 Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-202-SB01

Quant Time: Jun 06 01:23:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

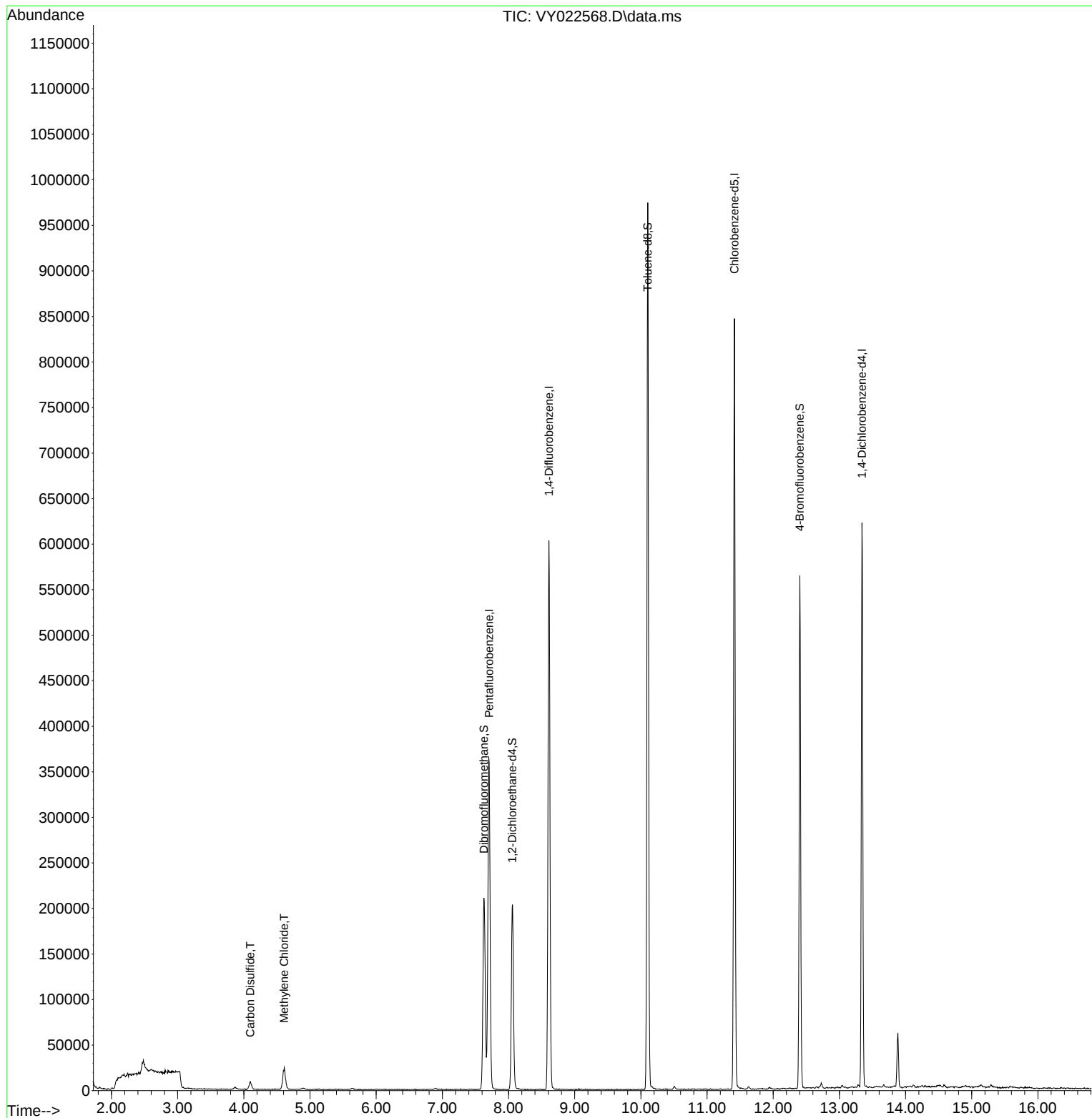
Internal Standards						
1) Pentafluorobenzene	7.707	168	270828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	498576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	399252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	144715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	151083	49.878	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.760%
35) Dibromofluoromethane	7.628	113	147294	49.496	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.103	98	599125	49.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.401	95	149446	41.713	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.420%
Target Compounds						
17) Carbon Disulfide	4.098	76	14692	1.616	ug/l	99
20) Methylene Chloride	4.610	84	15819	4.527	ug/l	95

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

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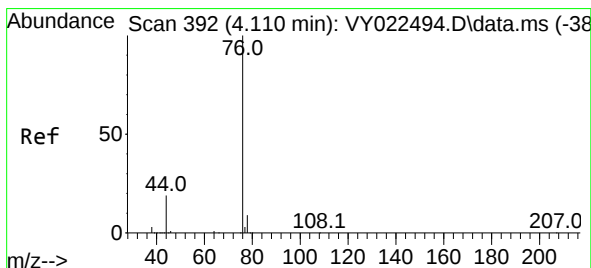
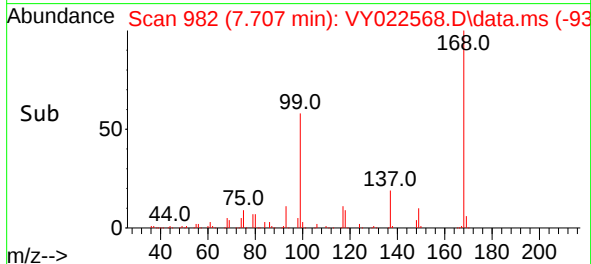
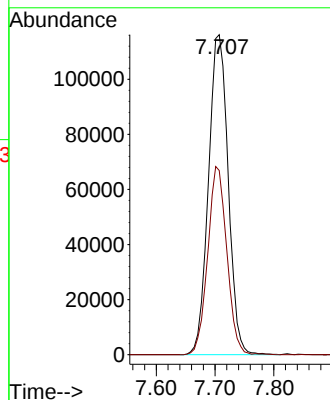
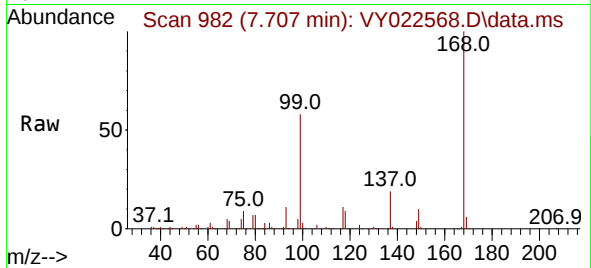




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022568.D
Acq: 05 Jun 2025 12:45

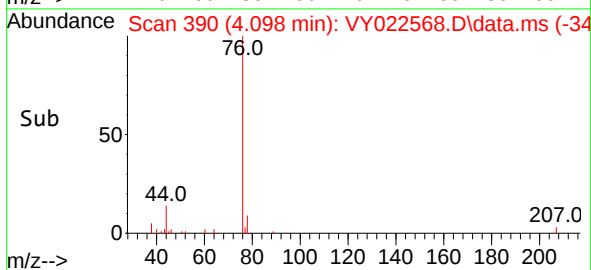
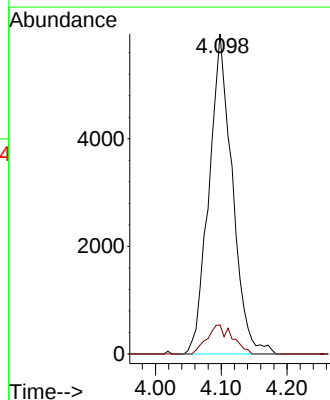
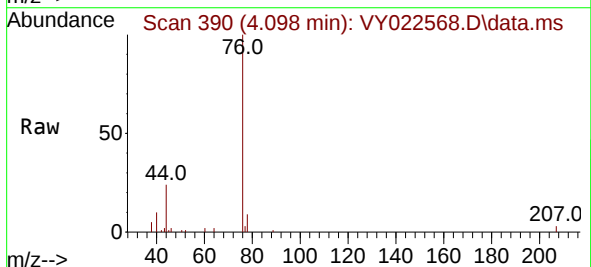
Instrument :
MSVOA_Y
ClientSampleId :
B-202-SB01

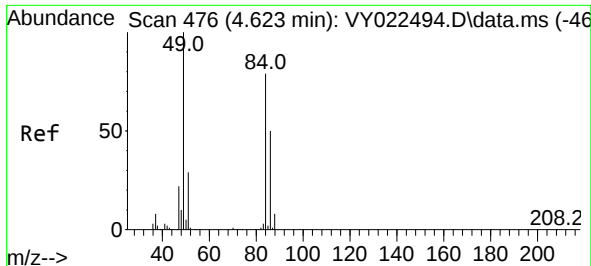
Tgt Ion:168 Resp: 270828
Ion Ratio Lower Upper
168 100
99 57.5 44.3 66.5



#17
Carbon Disulfide
Concen: 1.616 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY022568.D
Acq: 05 Jun 2025 12:45

Tgt Ion: 76 Resp: 14692
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

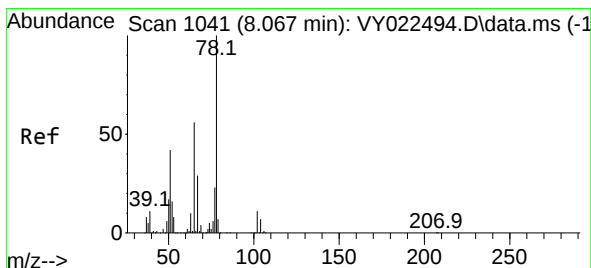
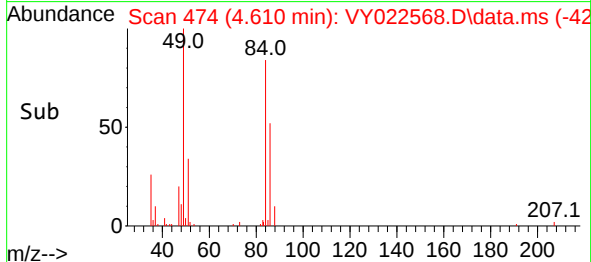
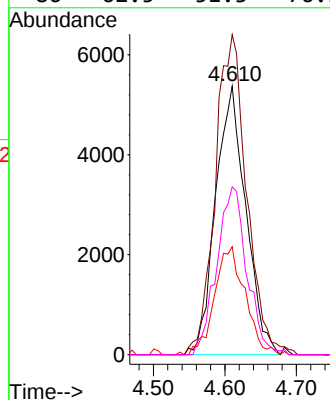
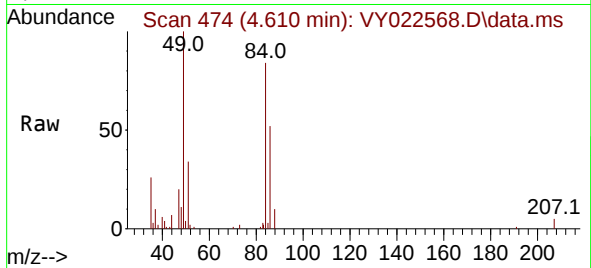




#20
Methylene Chloride
Concen: 4.527 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022568.D
Acq: 05 Jun 2025 12:45

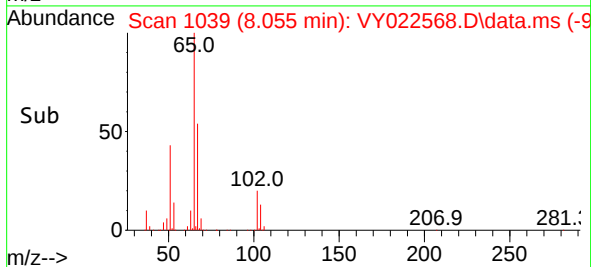
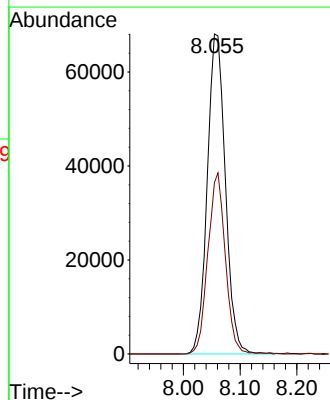
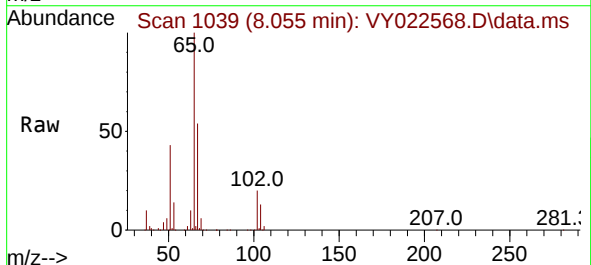
Instrument :
MSVOA_Y
ClientSampleId :
B-202-SB01

Tgt Ion:	84	Resp:	15819
Ion	Ratio	Lower	Upper
84	100		
49	119.2	101.9	152.9
51	40.2	29.8	44.8
86	62.5	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 49.878 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022568.D
Acq: 05 Jun 2025 12:45

Tgt Ion:	65	Resp:	151083
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	103.4

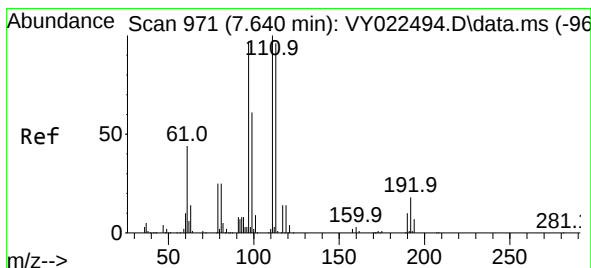
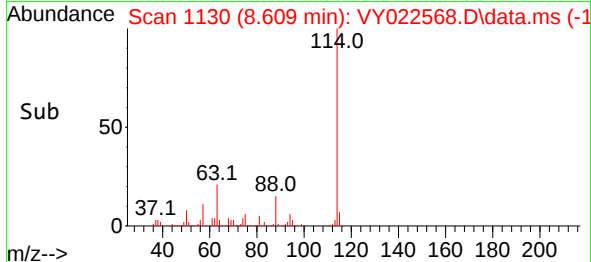
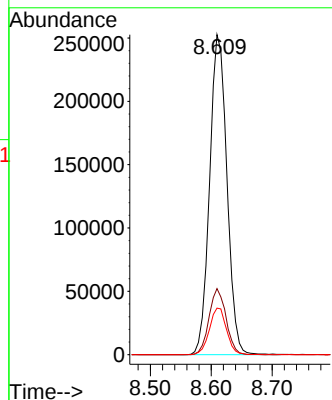
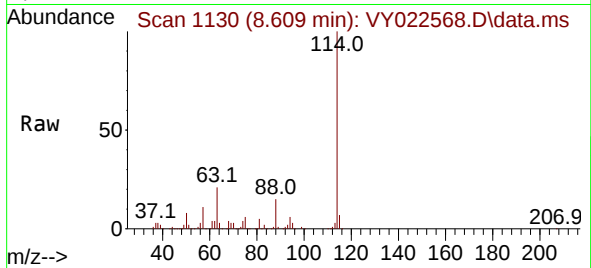




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022568.D
Acq: 05 Jun 2025 12:45

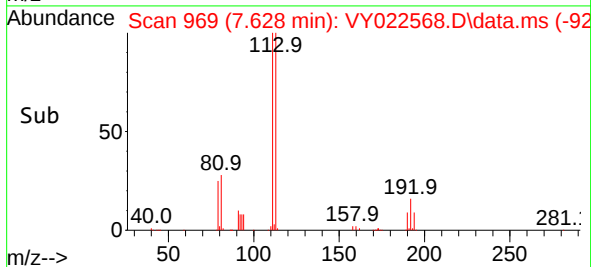
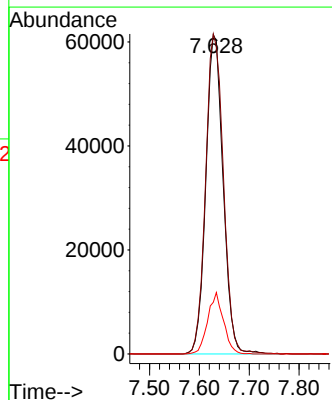
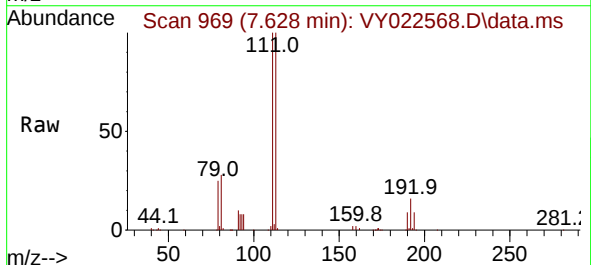
Instrument :
MSVOA_Y
ClientSampleId :
B-202-SB01

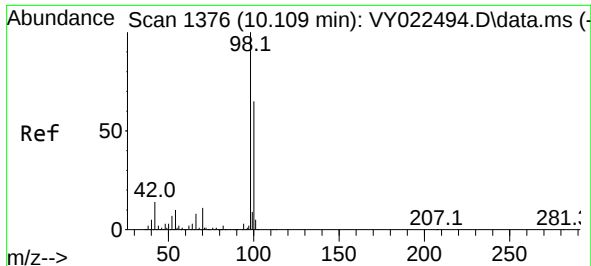
Tgt Ion:114 Resp: 498576
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 14.5 0.0 27.8



#35
Dibromofluoromethane
Concen: 49.496 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022568.D
Acq: 05 Jun 2025 12:45

Tgt Ion:113 Resp: 147294
Ion Ratio Lower Upper
113 100
111 103.7 81.1 121.7
192 17.6 14.2 21.2

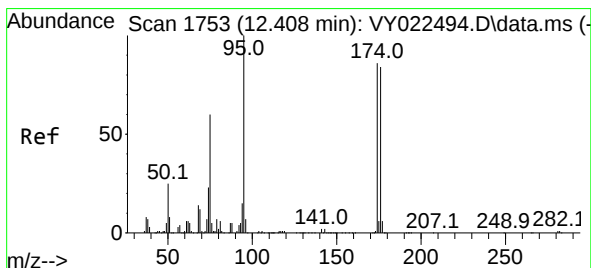
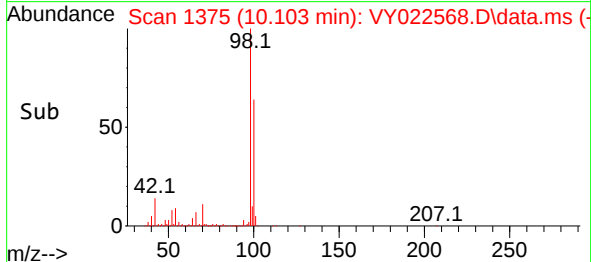
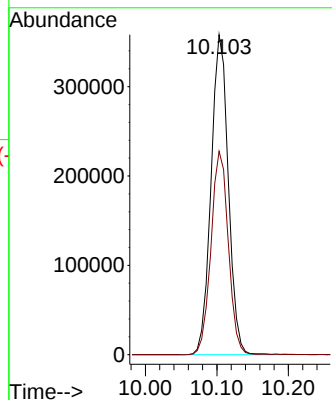
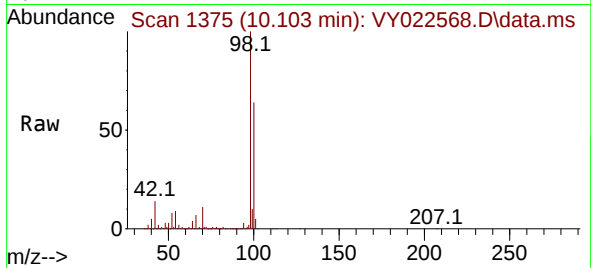




#50
Toluene-d8
Concen: 49.825 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022568.D
Acq: 05 Jun 2025 12:45

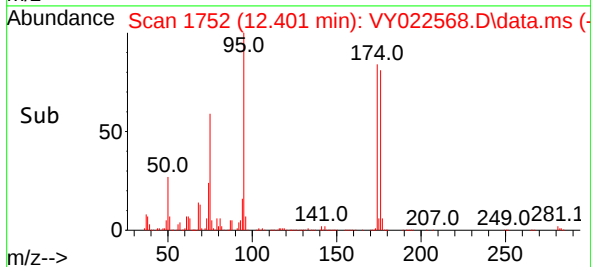
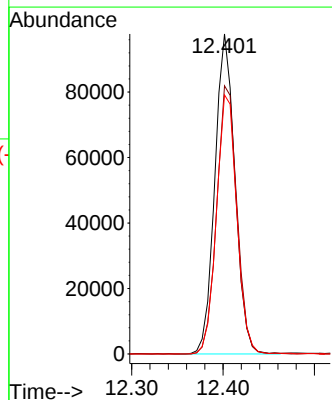
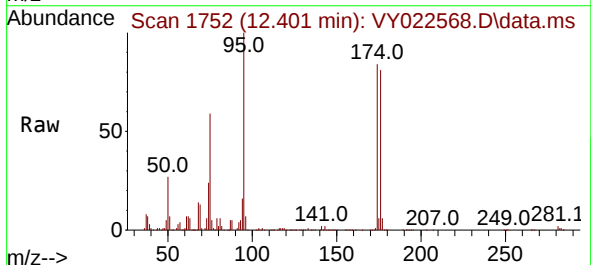
Instrument :
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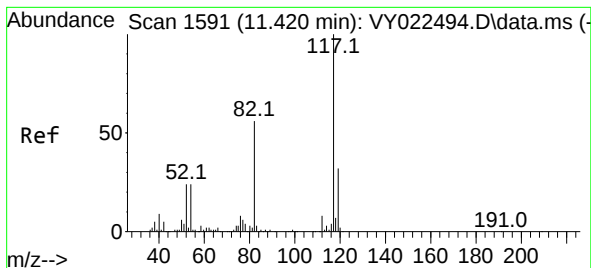
Tgt Ion: 98 Resp: 599125
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.713 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022568.D
Acq: 05 Jun 2025 12:45

Tgt Ion: 95 Resp: 149446
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.0
176 81.9 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022568.D

Acq: 05 Jun 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

B-202-SB01

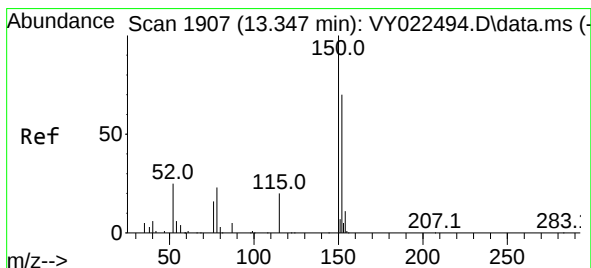
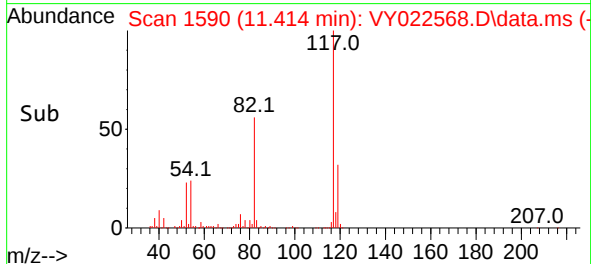
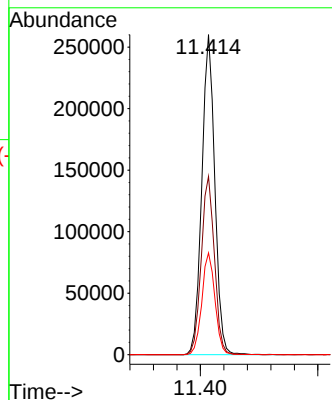
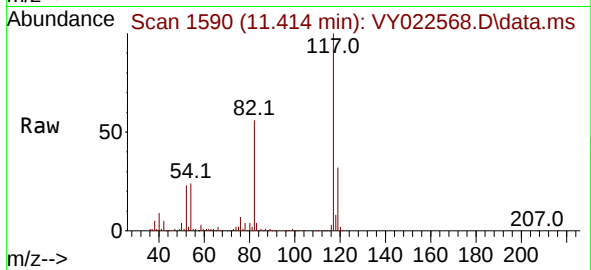
Tgt Ion:117 Resp: 399252

Ion Ratio Lower Upper

117 100

82 55.7 44.6 66.8

119 31.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022568.D

Acq: 05 Jun 2025 12:45

Tgt Ion:152 Resp: 144715

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.7

150 156.2 0.0 349.6

