

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022926.D
 Acq On : 02 Jul 2025 20:37
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 03 02:29:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

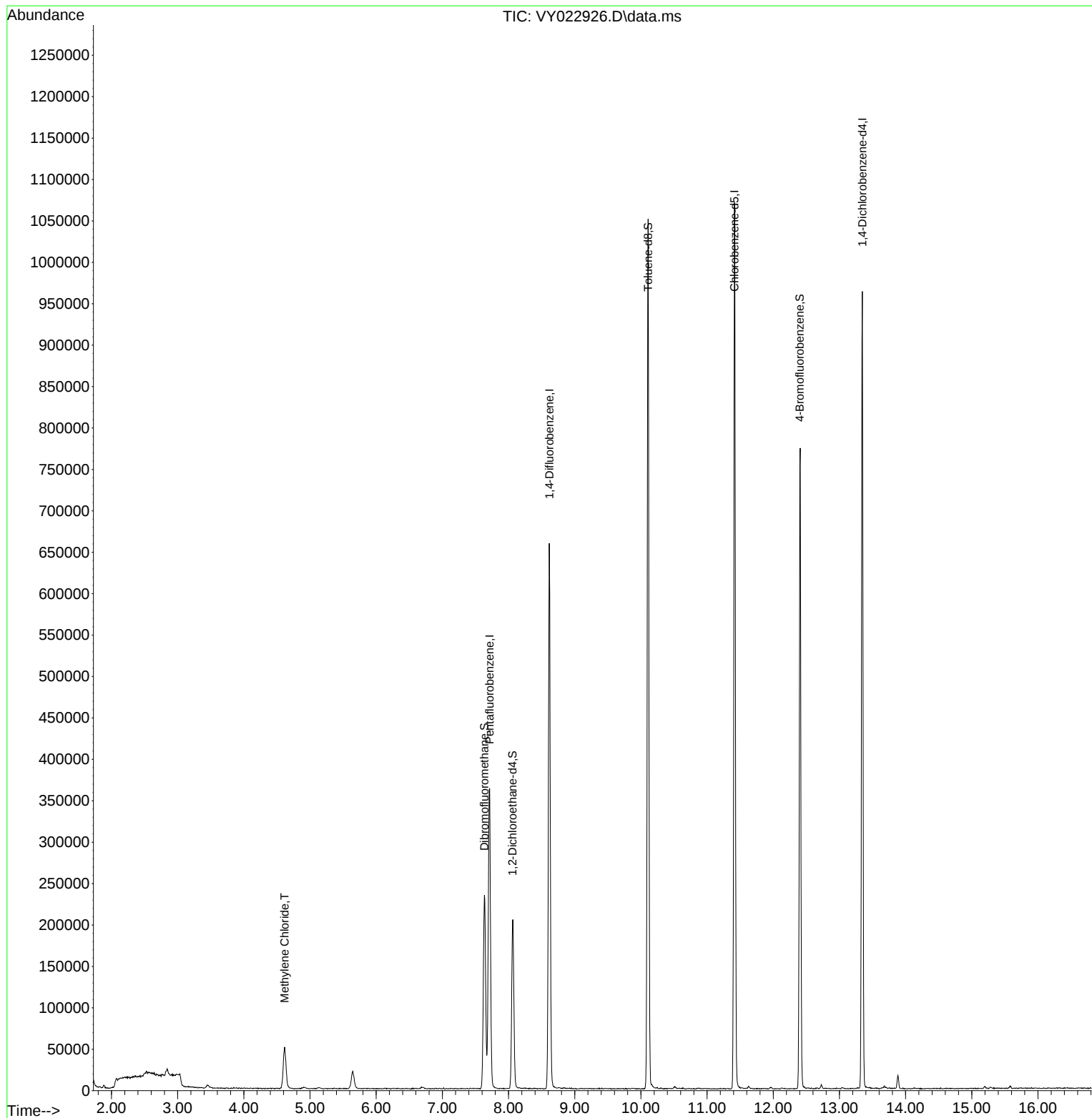
Internal Standards						
1) Pentafluorobenzene	7.713	168	278236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	528328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	536379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	231019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165802	53.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.780%	
35) Dibromofluoromethane	7.634	113	167919	52.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.520%	
50) Toluene-d8	10.109	98	663480	52.039	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.080%	
62) 4-Bromofluorobenzene	12.402	95	227205	55.434	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.860%	
Target Compounds						
20) Methylene Chloride	4.616	84	34983	9.438	ug/l	Qvalue 93

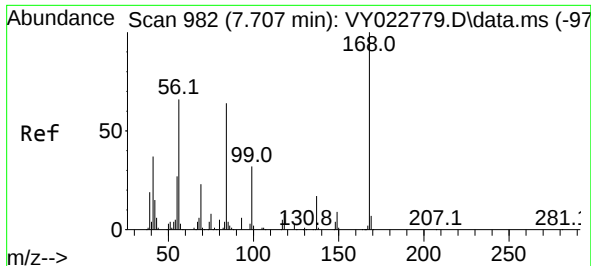
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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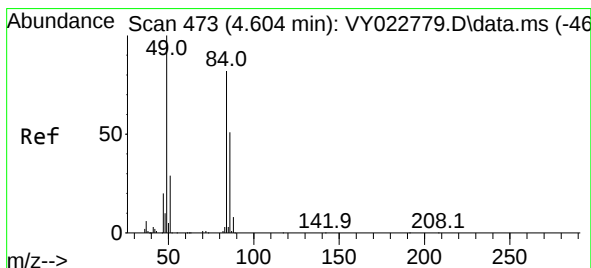
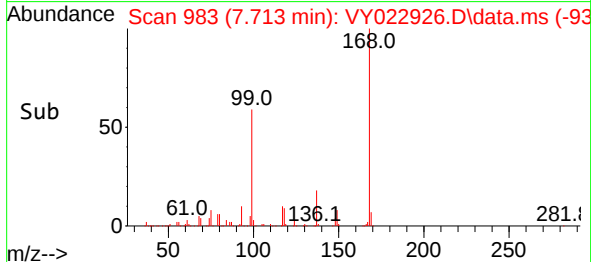
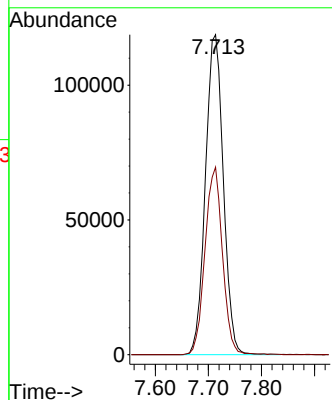
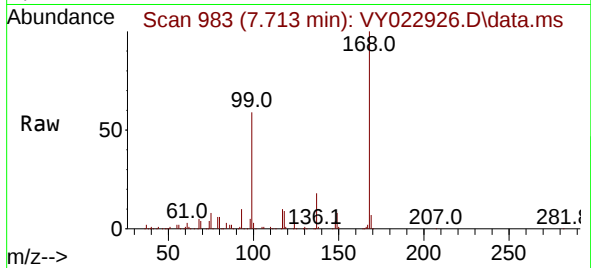




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022926.D
Acq: 02 Jul 2025 20:37

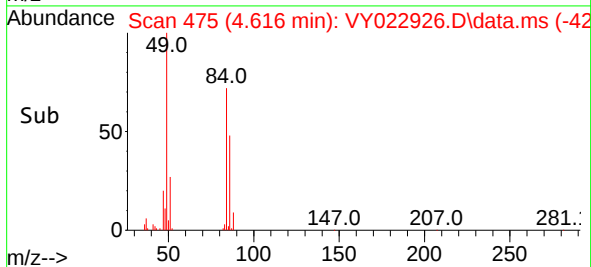
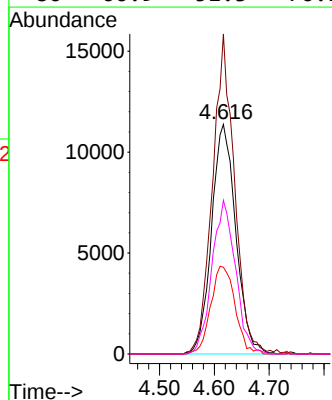
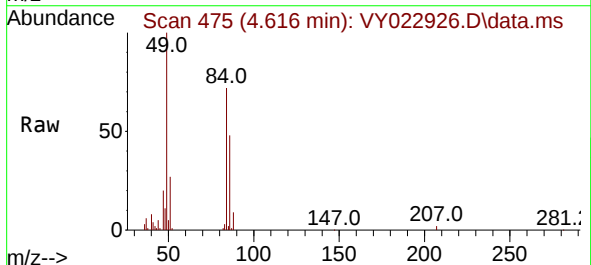
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

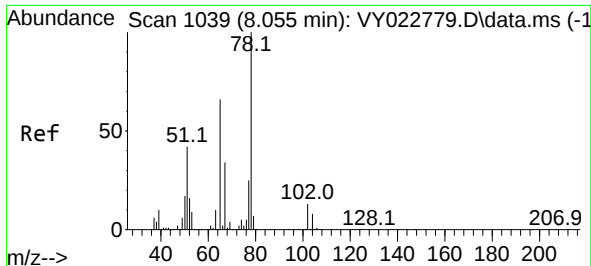
Tgt Ion:168 Resp: 278236
Ion Ratio Lower Upper
168 100
99 58.6 44.3 66.5



#20
Methylene Chloride
Concen: 9.438 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022926.D
Acq: 02 Jul 2025 20:37

Tgt Ion: 84 Resp: 34983
Ion Ratio Lower Upper
84 100
49 139.4 101.9 152.9
51 37.7 29.8 44.8
86 66.9 51.3 76.9

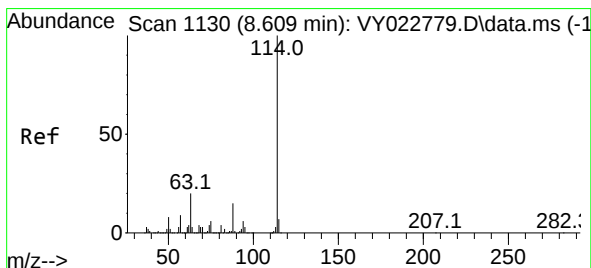
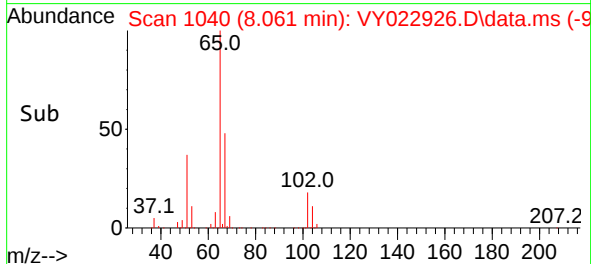
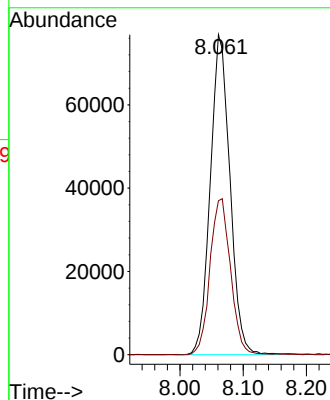
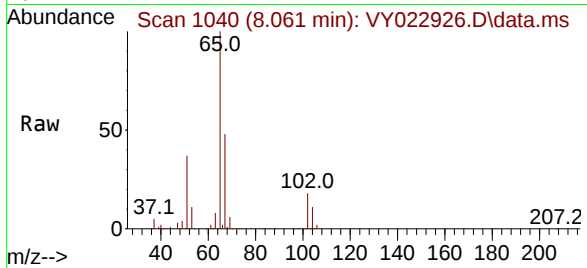




#33
 1,2-Dichloroethane-d4
 Concen: 53.392 ug/l
 RT: 8.061 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY022926.D
 Acq: 02 Jul 2025 20:37

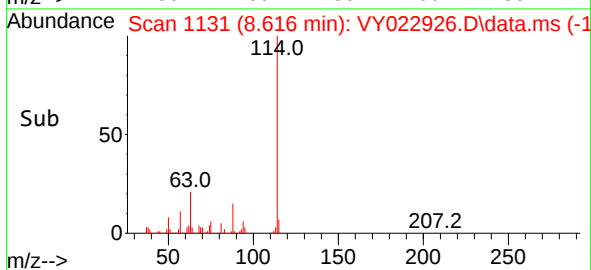
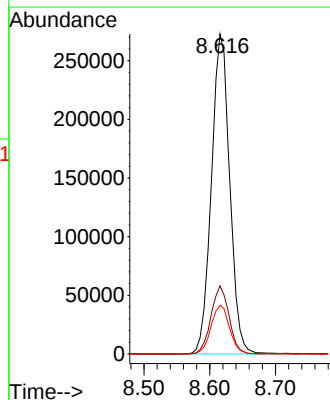
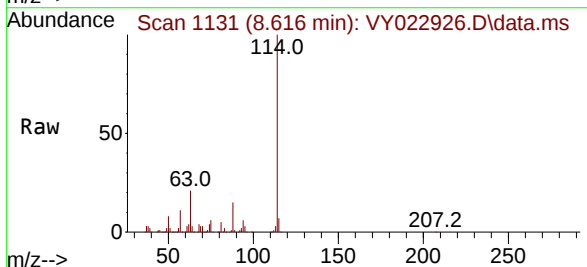
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

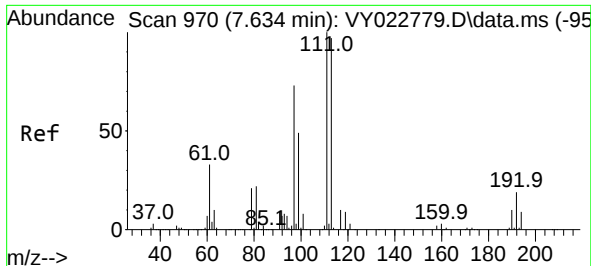
Tgt Ion: 65 Resp: 165802
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022926.D
 Acq: 02 Jul 2025 20:37

Tgt Ion: 114 Resp: 528328
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.8
 88 15.2 0.0 27.8

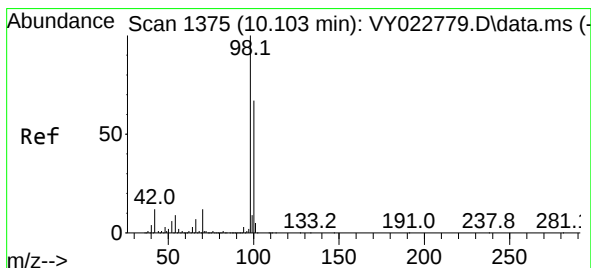
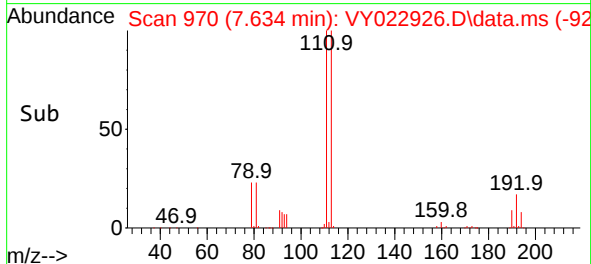
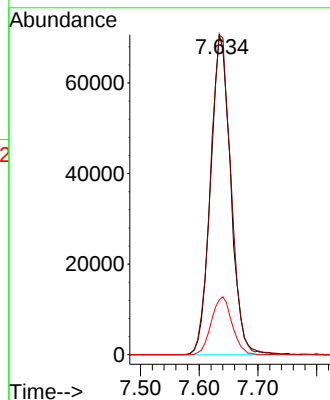
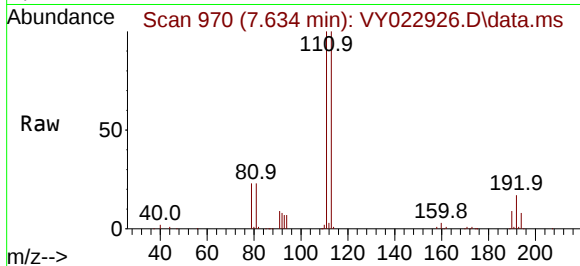




#35
Dibromofluoromethane
Concen: 52.262 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022926.D
Acq: 02 Jul 2025 20:37

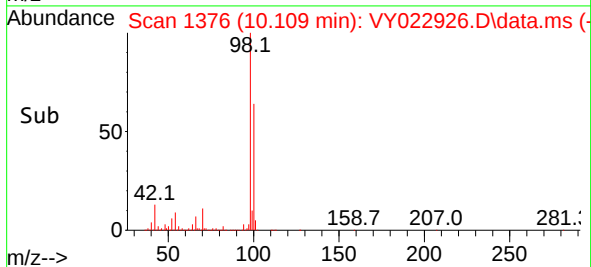
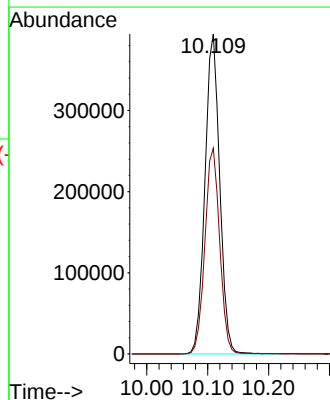
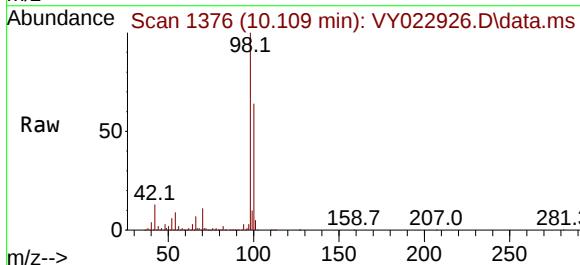
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

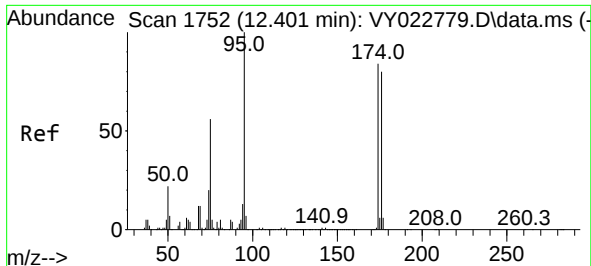
Tgt Ion:113 Resp: 167919
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 18.6 14.2 21.2



#50
Toluene-d8
Concen: 52.039 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022926.D
Acq: 02 Jul 2025 20:37

Tgt Ion: 98 Resp: 663480
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

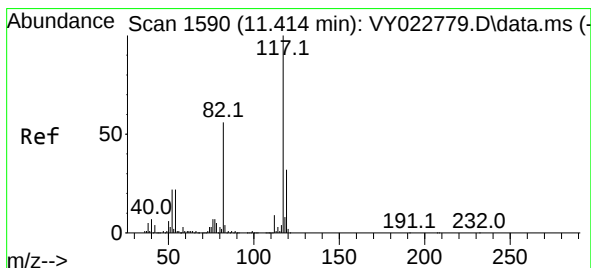
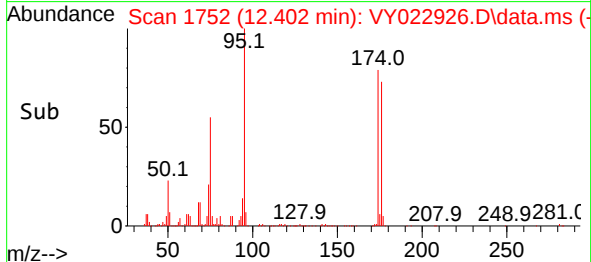
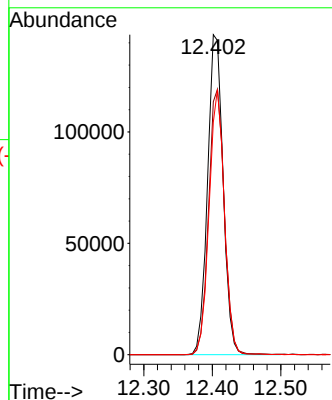
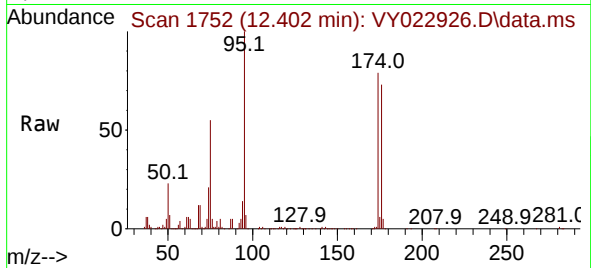




#62
4-Bromofluorobenzene
Concen: 55.434 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022926.D
Acq: 02 Jul 2025 20:37

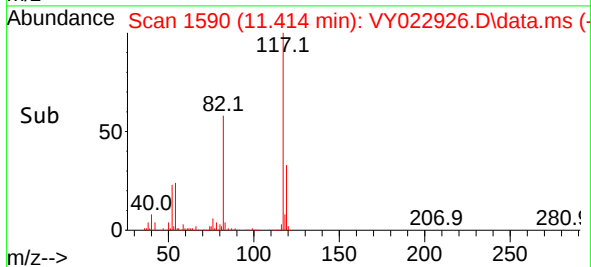
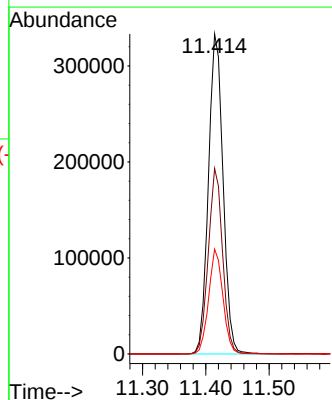
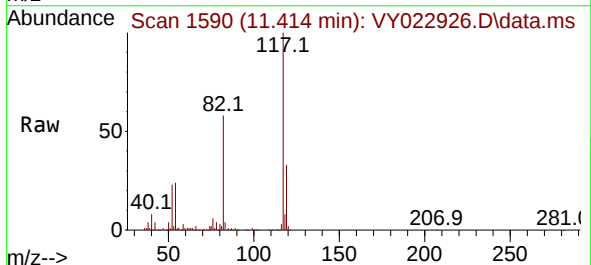
Instrument :
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ClientSampleId :
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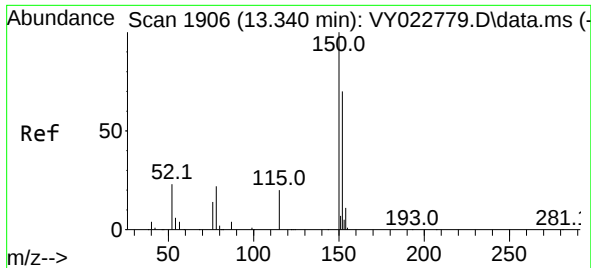
Tgt Ion: 95 Resp: 227205
Ion Ratio Lower Upper
95 100
174 84.3 0.0 170.0
176 81.2 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022926.D
Acq: 02 Jul 2025 20:37

Tgt Ion: 117 Resp: 536379
Ion Ratio Lower Upper
117 100
82 58.0 44.6 66.8
119 32.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022926.D
 Acq: 02 Jul 2025 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:152 Resp: 231019

Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.9	86.7
150	156.0	0.0	349.6

