

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022432.D
 Acq On : 27 May 2025 14:27
 Operator : SY/MD
 Sample : Q2118-11RE
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-182-GW-500-502RE

Quant Time: May 28 07:42:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

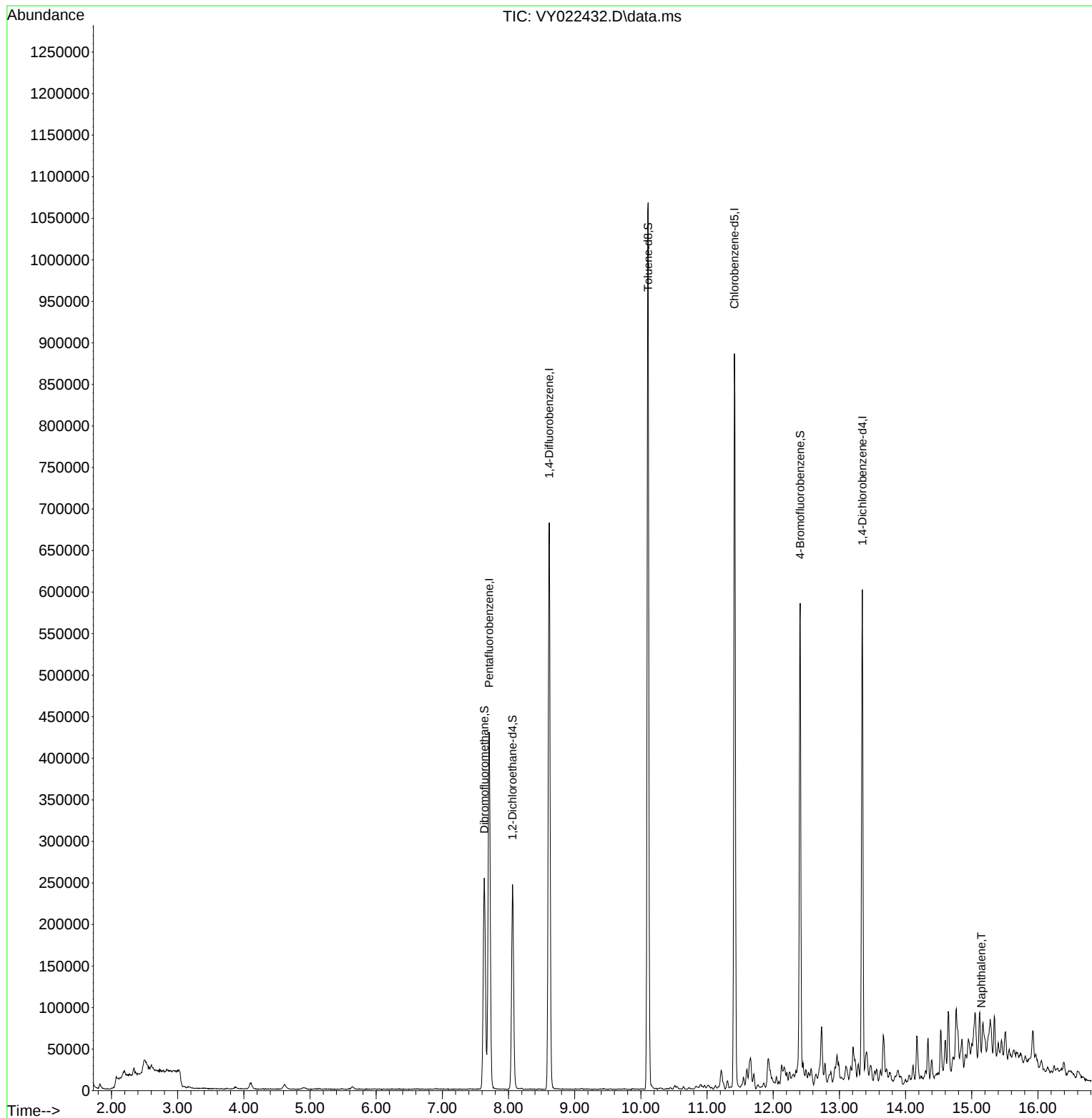
Internal Standards						
1) Pentafluorobenzene	7.707	168	322318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	572594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	436021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	136693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	180844	53.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.540%	
35) Dibromofluoromethane	7.634	113	174066	51.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.820%	
50) Toluene-d8	10.109	98	674075	49.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.408	95	157149	38.005	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.020%	
Target Compounds						
					Qvalue	
95) Naphthalene	15.145	128	4159	1.043	ug/l #	91

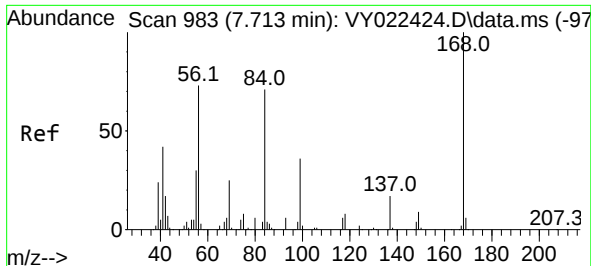
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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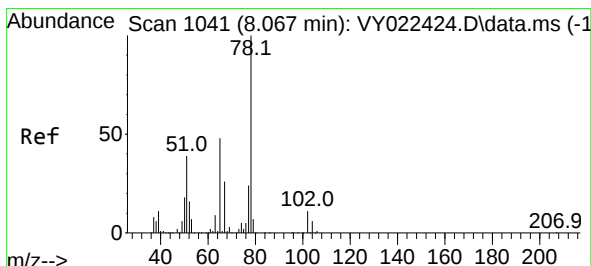
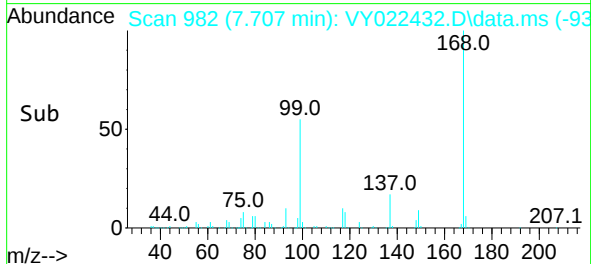
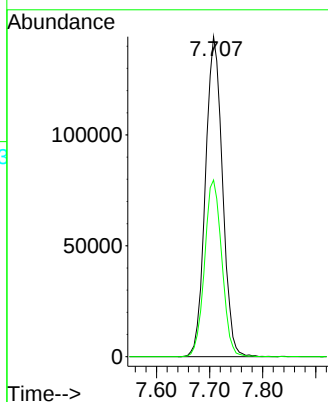
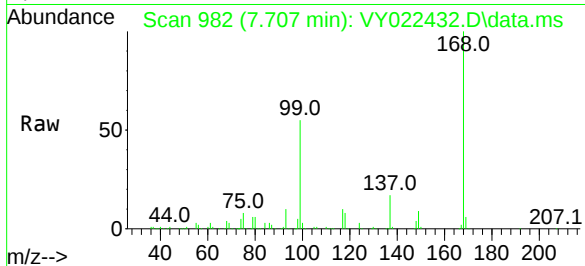




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022432.D
Acq: 27 May 2025 14:27

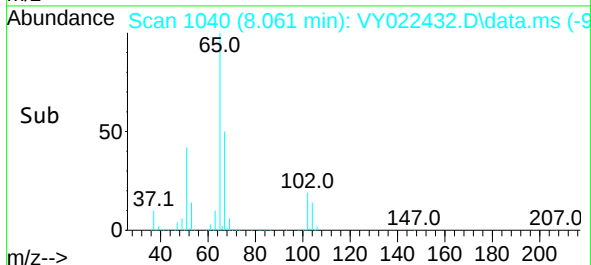
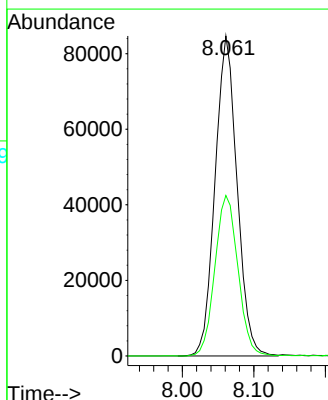
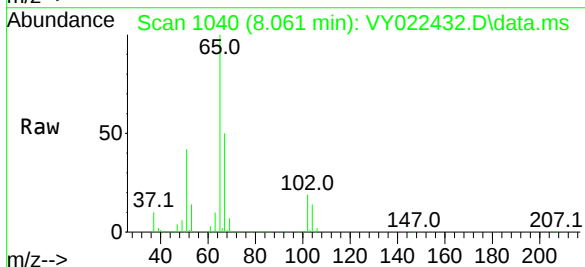
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-500-502RE

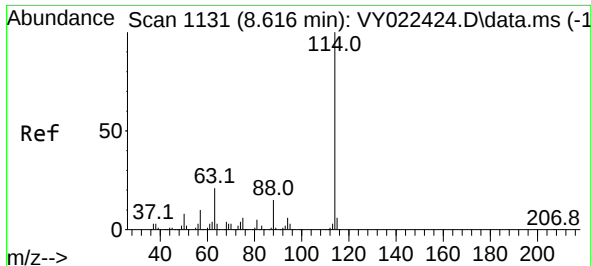
Tgt Ion:168 Resp: 322318
Ion Ratio Lower Upper
168 100
99 55.2 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 53.268 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022432.D
Acq: 27 May 2025 14:27

Tgt Ion: 65 Resp: 180844
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.4

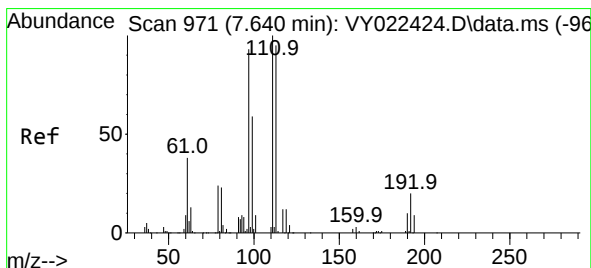
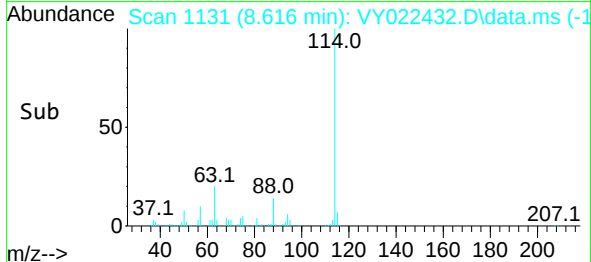
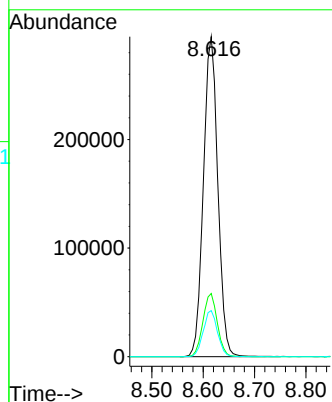
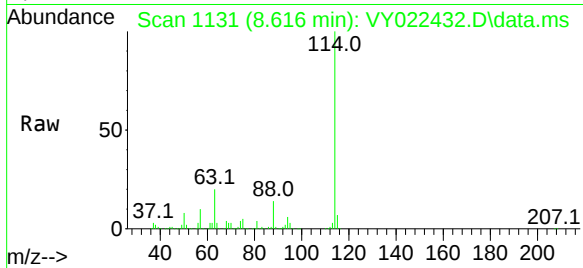




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022432.D
Acq: 27 May 2025 14:27

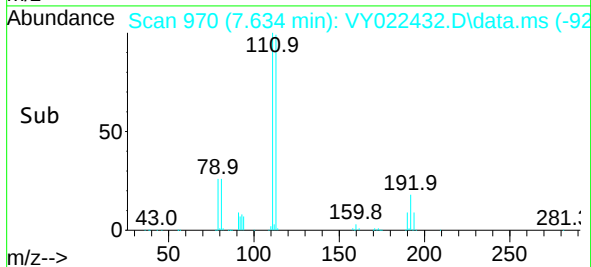
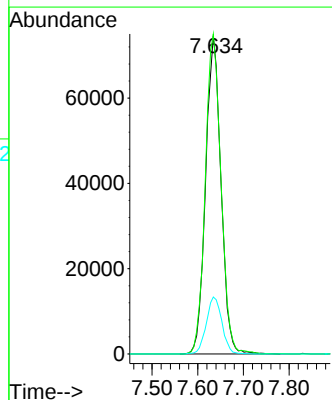
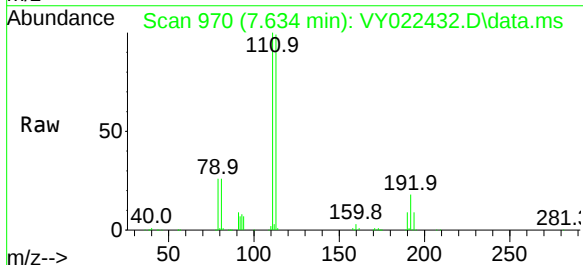
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-500-502RE

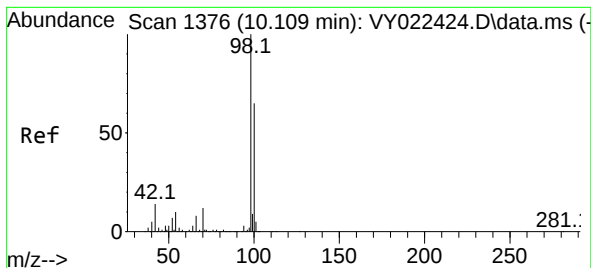
Tgt Ion:114 Resp: 572594
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.6
88 14.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.909 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022432.D
Acq: 27 May 2025 14:27

Tgt Ion:113 Resp: 174066
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 18.2 15.2 22.8

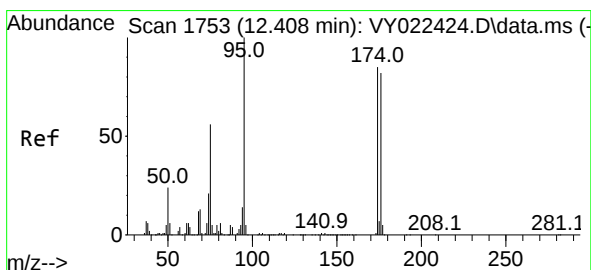
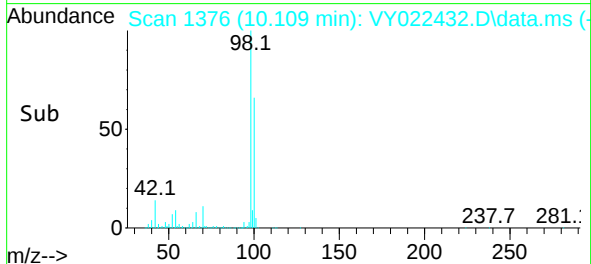
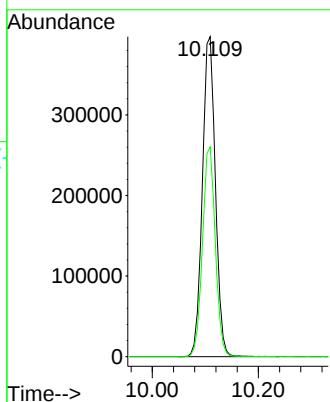
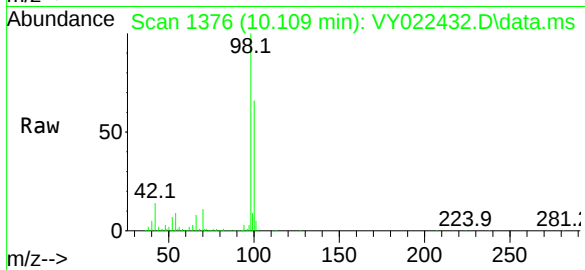




#50
Toluene-d8
Concen: 49.311 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022432.D
Acq: 27 May 2025 14:27

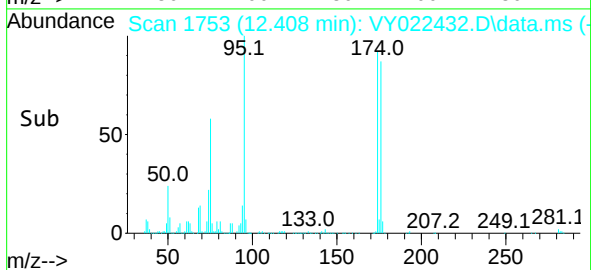
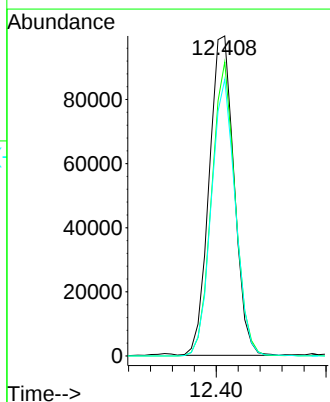
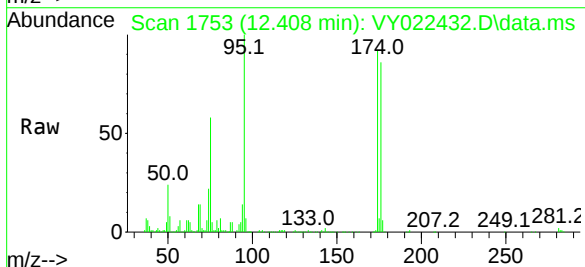
Instrument :
MSVOA_Y
ClientSampleId :
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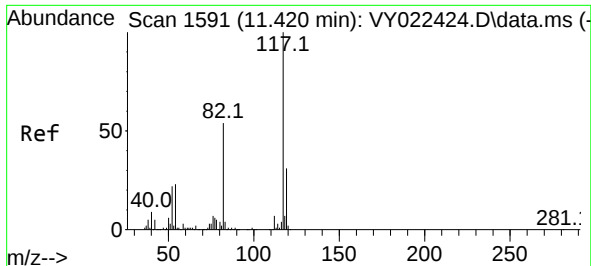
Tgt Ion: 98 Resp: 674075
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 38.005 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022432.D
Acq: 27 May 2025 14:27

Tgt Ion: 95 Resp: 157149
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 83.5 0.0 164.6

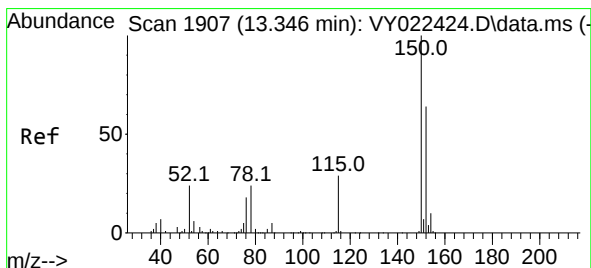
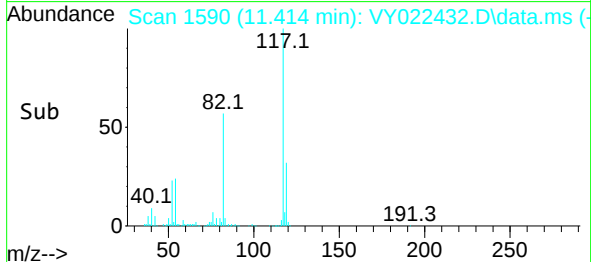
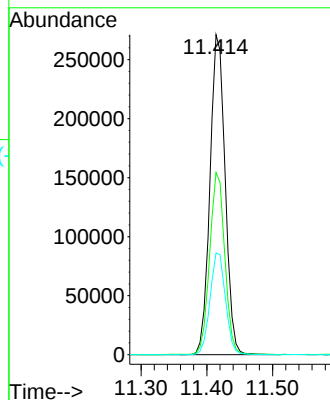
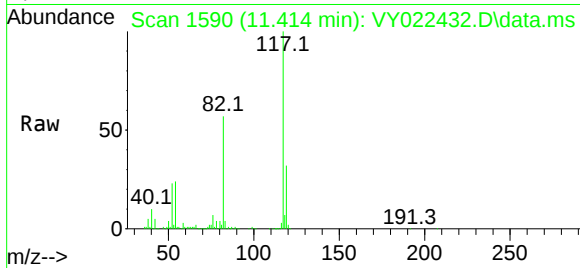




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022432.D
Acq: 27 May 2025 14:27

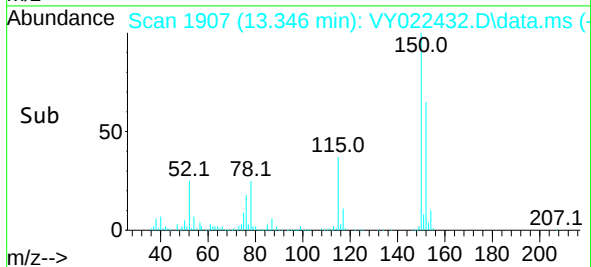
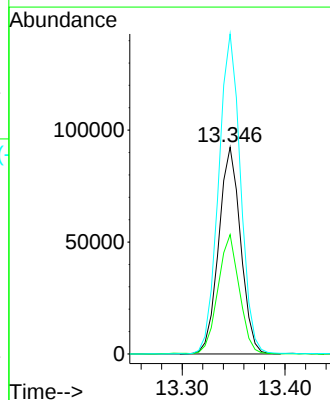
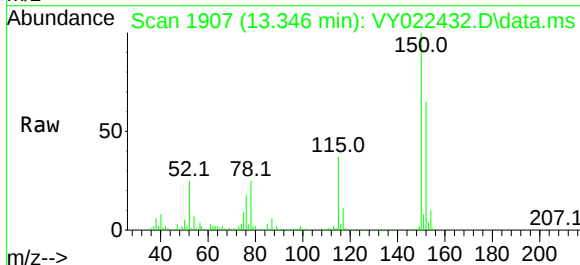
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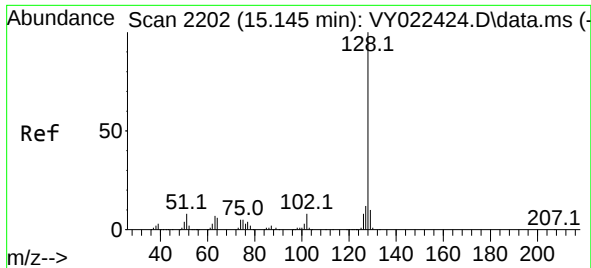
Tgt Ion:117 Resp: 436021
Ion Ratio Lower Upper
117 100
82 56.9 43.3 64.9
119 31.8 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022432.D
Acq: 27 May 2025 14:27

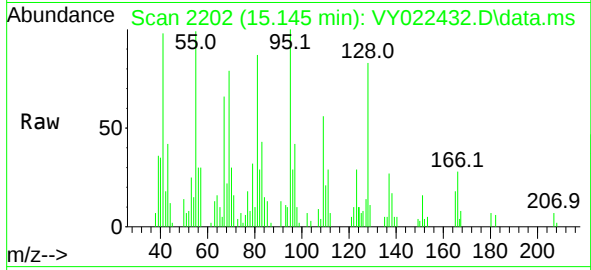
Tgt Ion:152 Resp: 136693
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.3
150 155.3 0.0 345.8





#95
 Naphthalene
 Concen: 1.043 ug/l
 RT: 15.145 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY022432.D
 Acq: 27 May 2025 14:27

Instrument :
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Tgt Ion:	128	Resp:	4159
Ion	Ratio	Lower	Upper
128	100		
127	17.4	10.2	15.4#
129	12.8	8.5	12.7#

