

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022713.D
 Acq On : 17 Jun 2025 09:20
 Operator : SY/MD
 Sample : VY0617SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 18 04:37:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

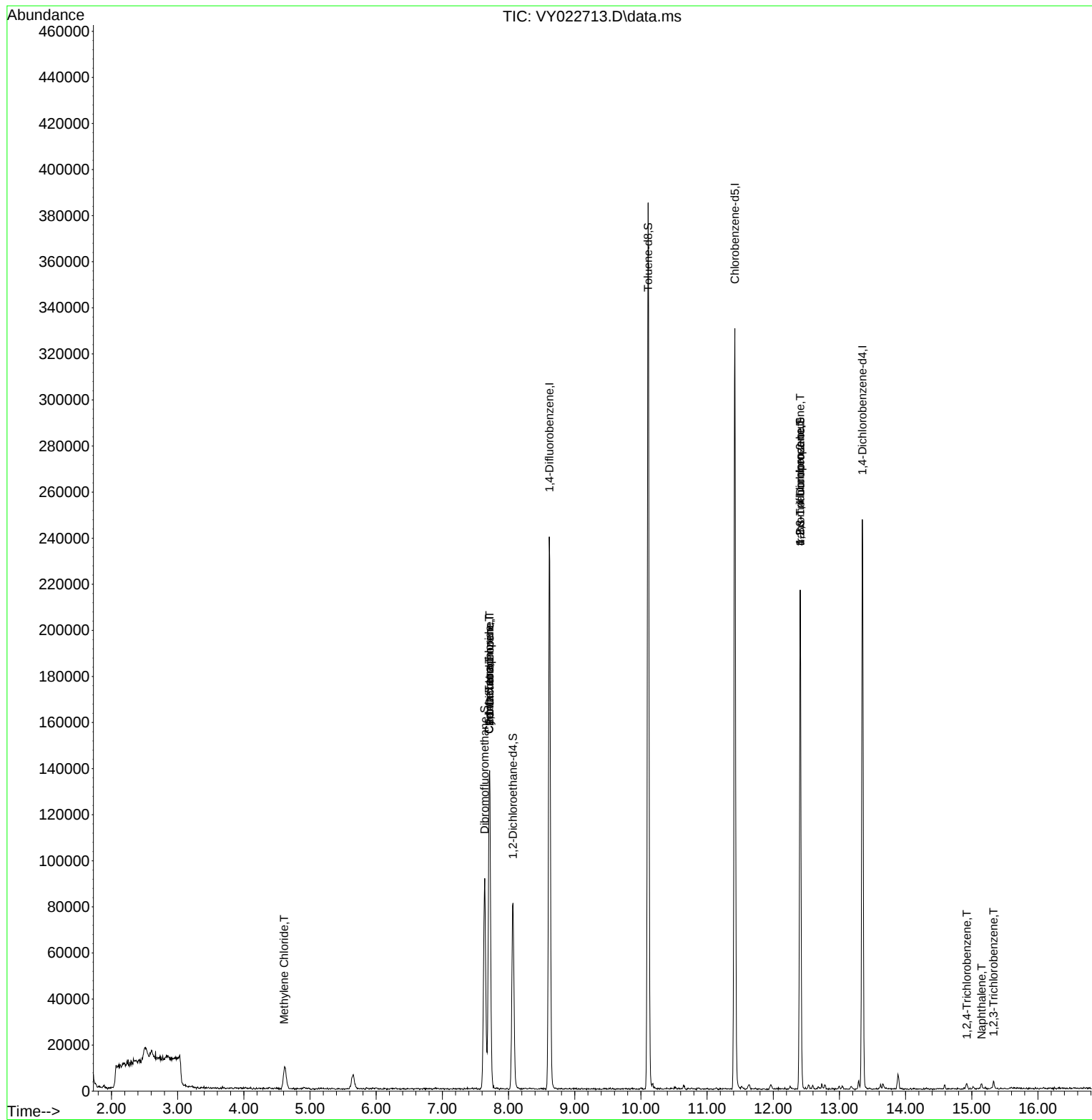
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	105503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	194865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	159398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	57457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	61284	51.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.880%	
35) Dibromofluoromethane	7.640	113	60464	51.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.960%	
50) Toluene-d8	10.109	98	236579	50.339	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.408	95	57392	40.986	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.980%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.610	84	6455	4.742	ug/l	88
31) Cyclohexane	7.707	56	3138	1.384	ug/l #	63
36) 1,1-Dichloropropene	7.713	75	9397	4.978	ug/l #	50
38) Carbon Tetrachloride	7.707	117	11076	5.719	ug/l #	18
76) 1,2,3-Trichloropropane	12.408	75	35623	54.194	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	35623	130.874	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.925	180	977	1.046	ug/l	76
95) Naphthalene	15.151	128	1951	1.089	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.328	180	1049	1.311	ug/l	82

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

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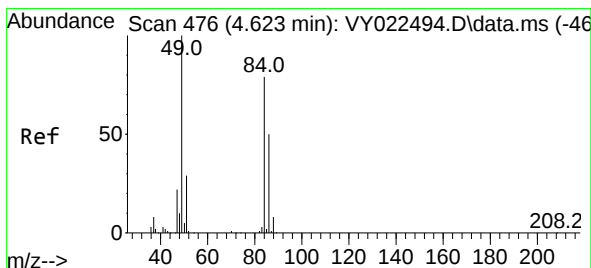
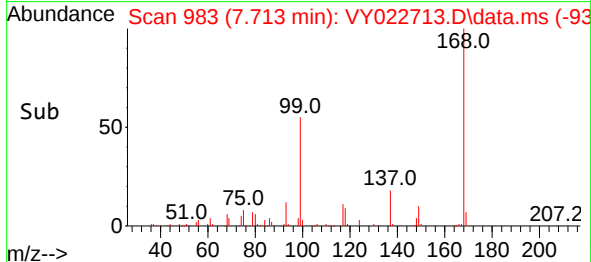
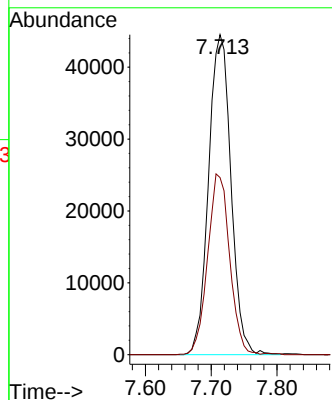
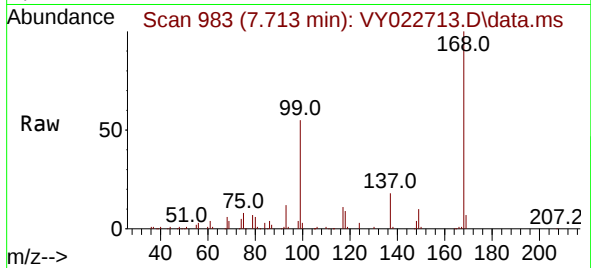
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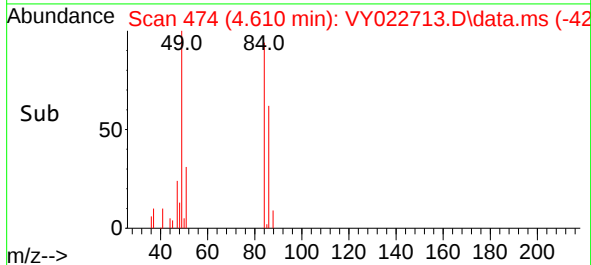
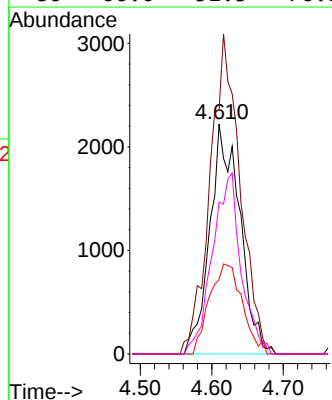
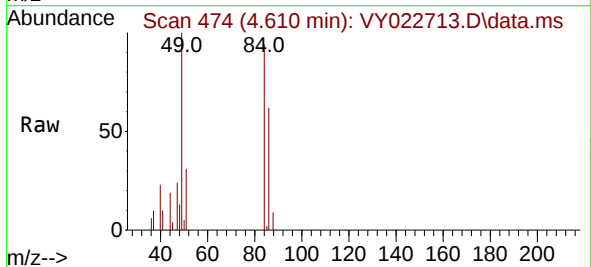
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

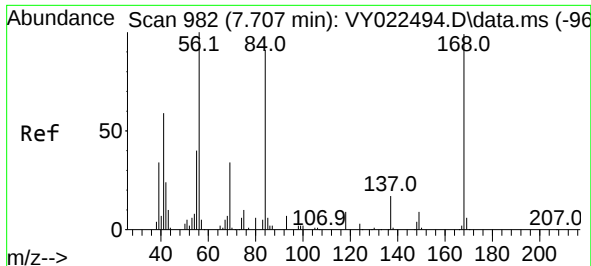
Tgt Ion:168 Resp: 105503
Ion Ratio Lower Upper
168 100
99 55.2 44.3 66.5



#20
Methylene Chloride
Concen: 4.742 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

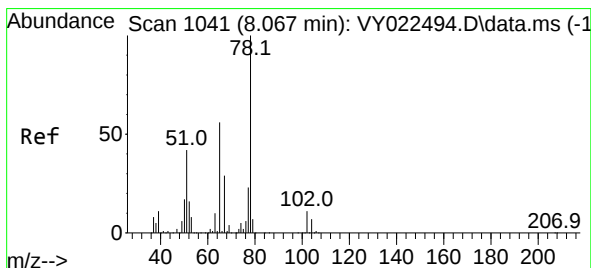
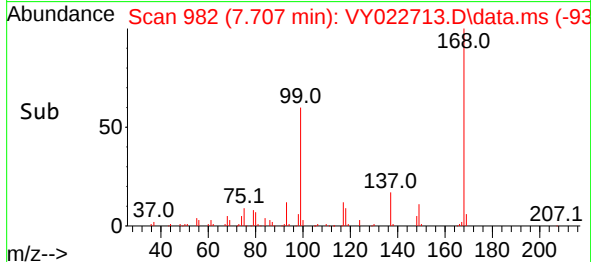
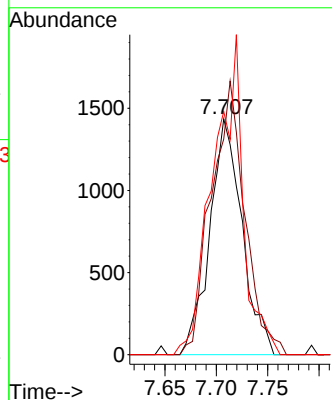
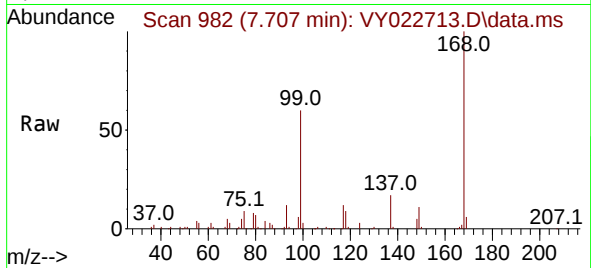
Tgt Ion: 84 Resp: 6455
Ion Ratio Lower Upper
84 100
49 106.0 101.9 152.9
51 32.4 29.8 44.8
86 66.0 51.3 76.9





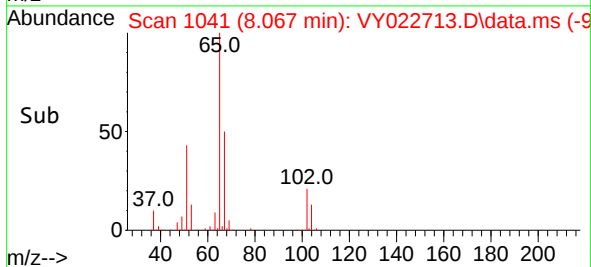
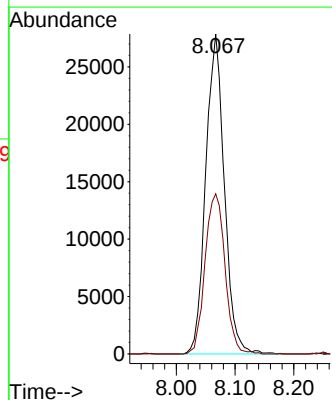
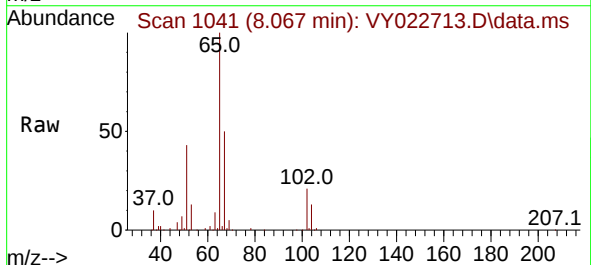
#31
Cyclohexane
Concen: 1.384 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

Tgt Ion: 56 Resp: 3138
Ion Ratio Lower Upper
56 100
69 91.4 27.0 40.6#
84 103.2 72.6 109.0



#33
1,2-Dichloroethane-d4
Concen: 51.936 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

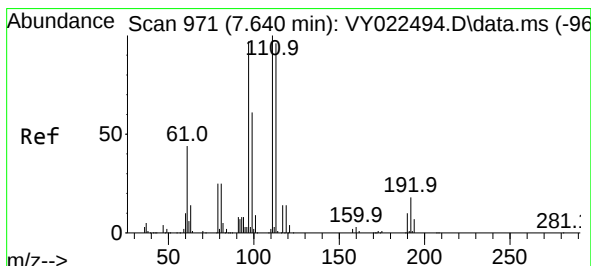
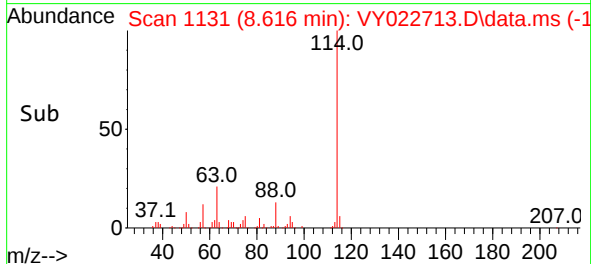
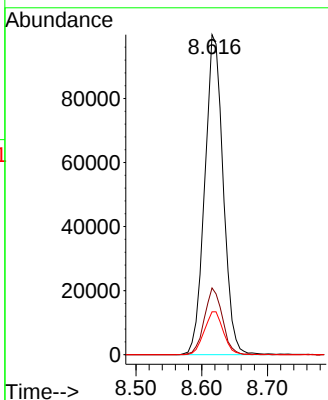
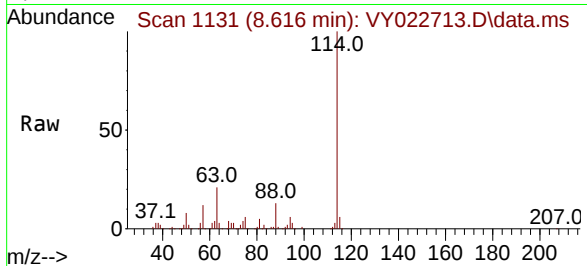
Tgt Ion: 65 Resp: 61284
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.4





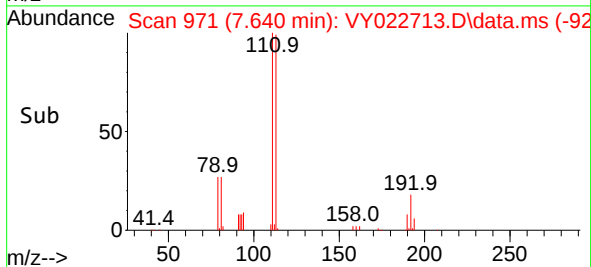
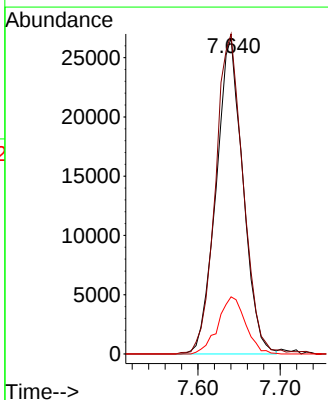
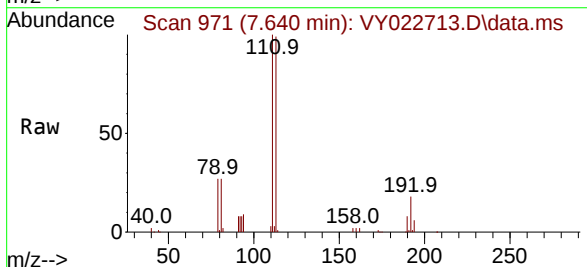
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

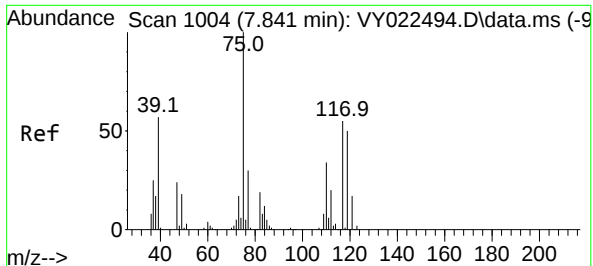
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	13.4	0.0	27.8



#35
Dibromofluoromethane
Concen: 51.985 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.1	121.7
192	18.5	14.2	21.2





#36

1,1-Dichloropropene

Concen: 4.978 ug/l

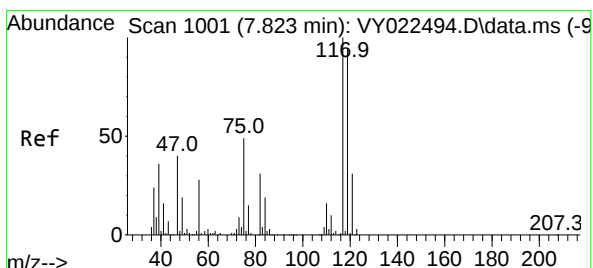
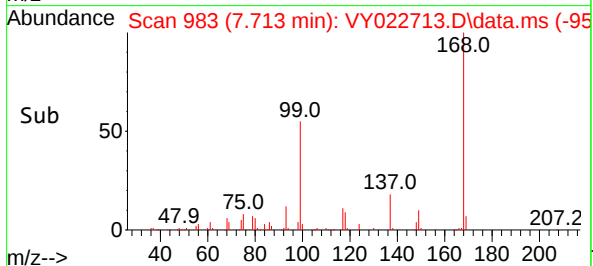
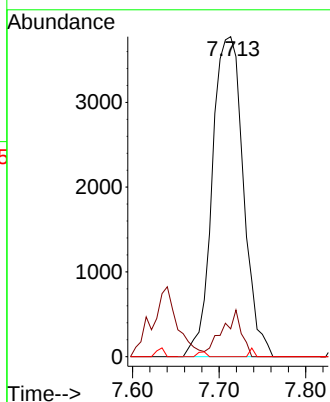
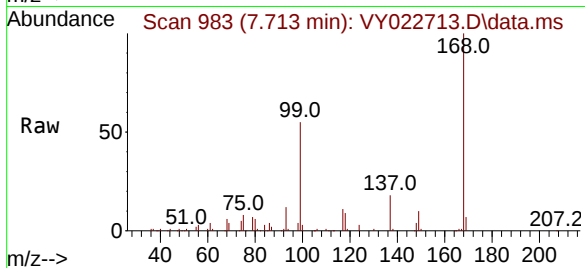
RT: 7.713 min Scan# 983

Delta R.T. -0.128 min

Lab File: VY022713.D

Acq: 17 Jun 2025 09:20

Tgt Ion:	75	Resp:	9397
Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.9	50.7#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 5.719 ug/l

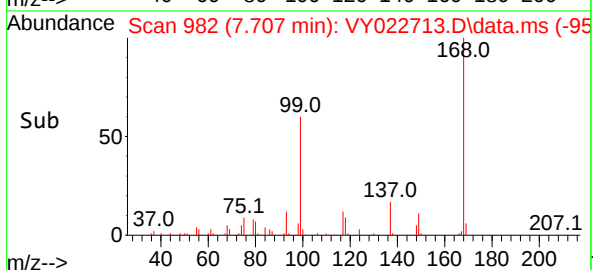
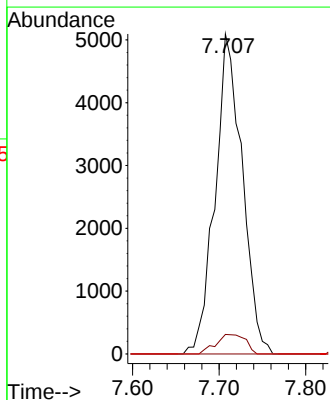
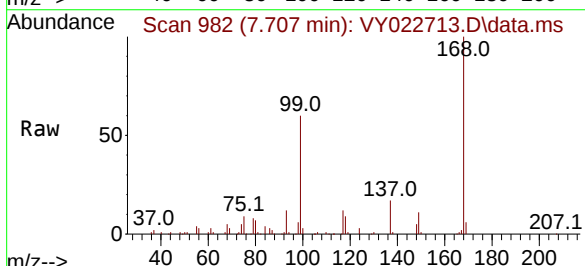
RT: 7.707 min Scan# 982

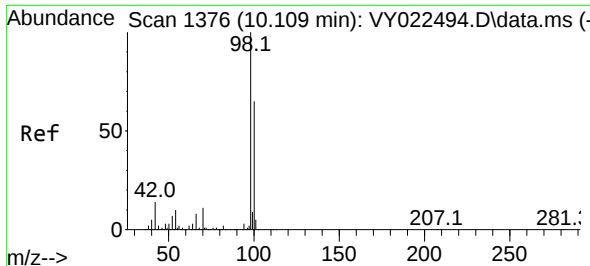
Delta R.T. -0.116 min

Lab File: VY022713.D

Acq: 17 Jun 2025 09:20

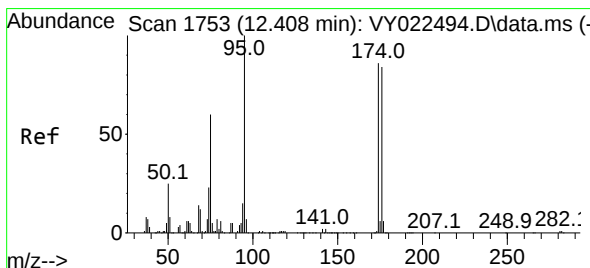
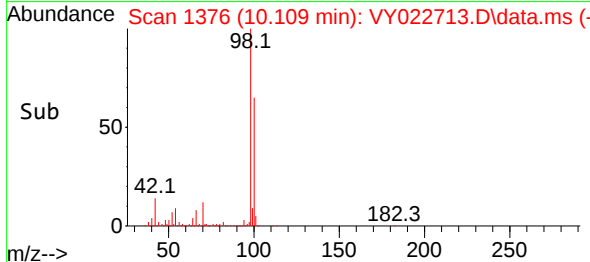
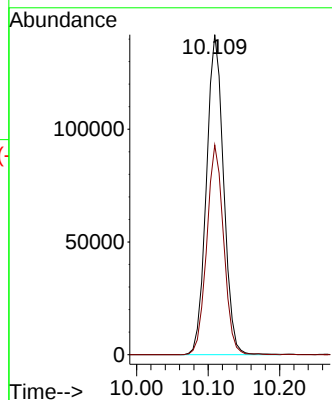
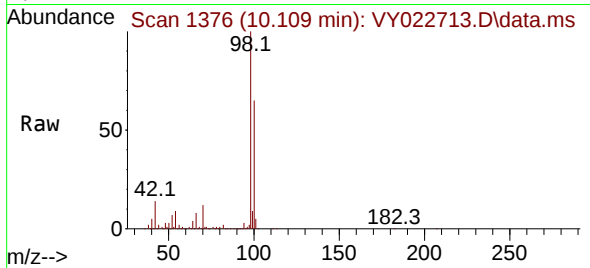
Tgt Ion:	117	Resp:	11076
Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.0	112.6#
121	0.0	25.0	37.4#





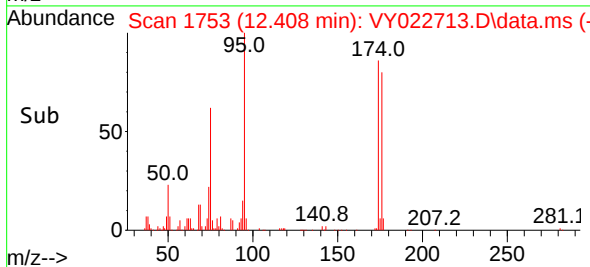
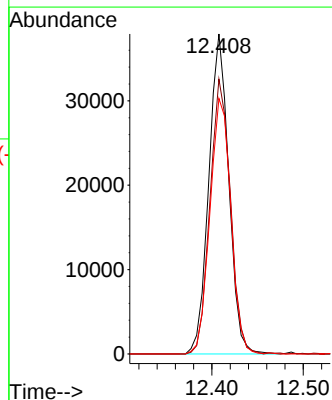
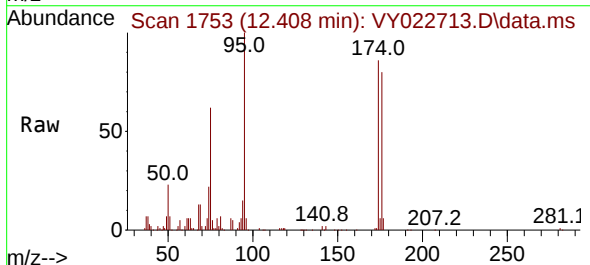
#50
Toluene-d8
Concen: 50.339 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

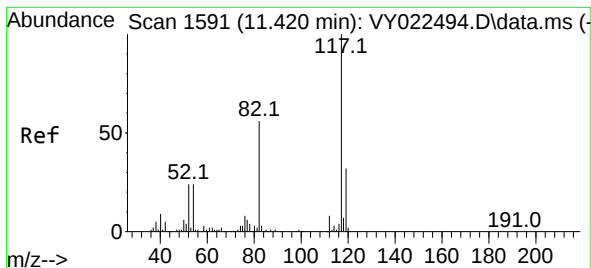
Tgt Ion: 98 Resp: 236579
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.986 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

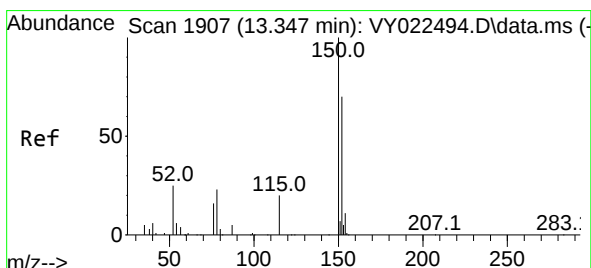
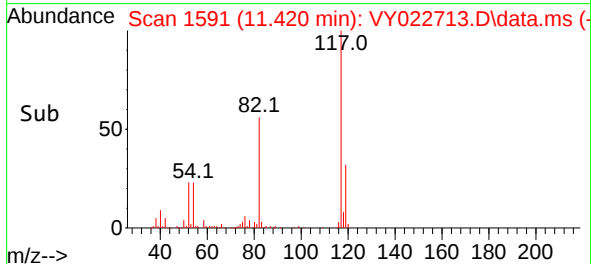
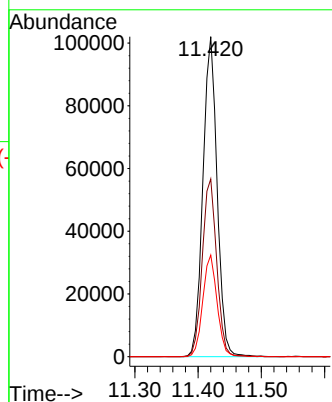
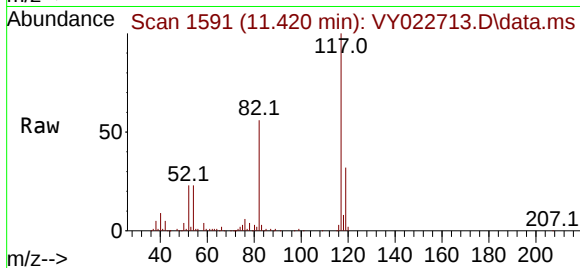
Tgt Ion: 95 Resp: 57392
Ion Ratio Lower Upper
95 100
174 87.8 0.0 170.0
176 83.9 0.0 166.2





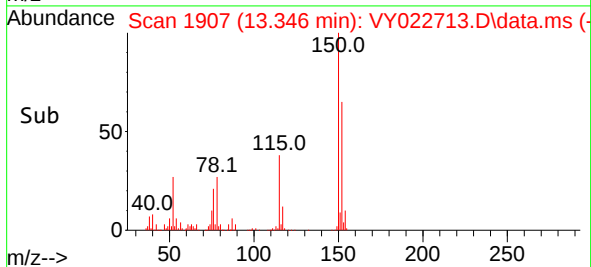
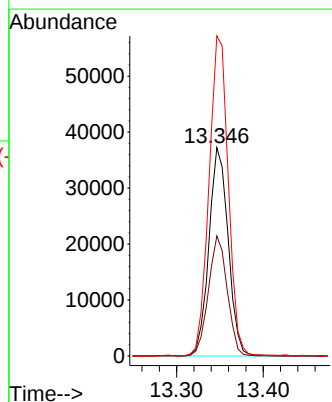
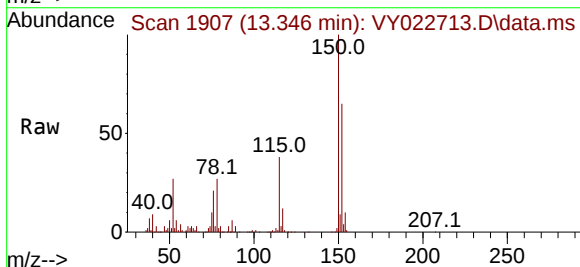
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

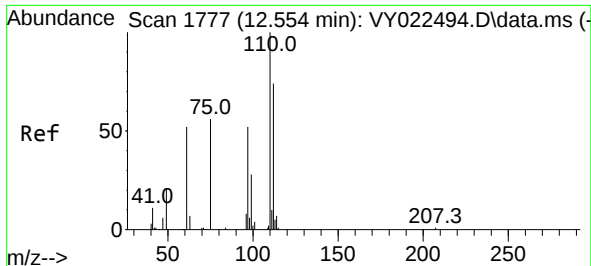
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.6	66.8
119	31.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

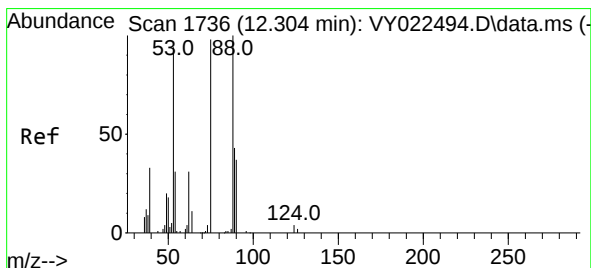
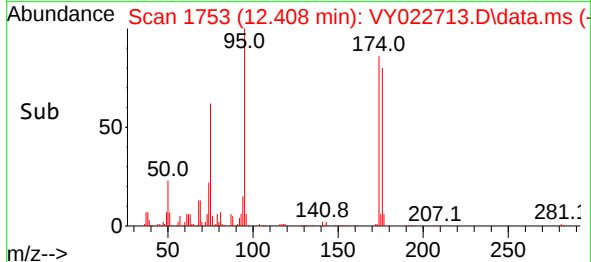
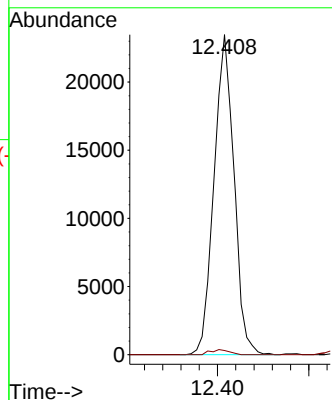
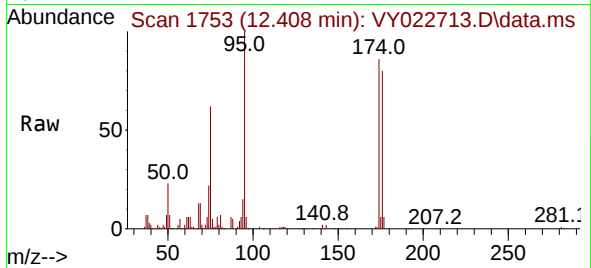
Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.9	86.7
150	154.0	0.0	349.6





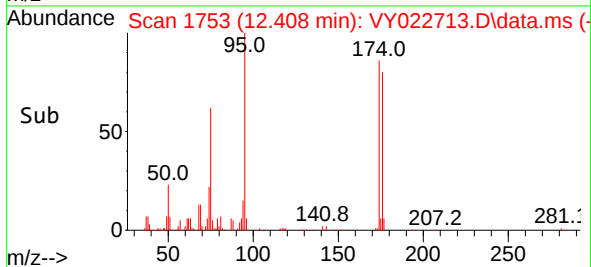
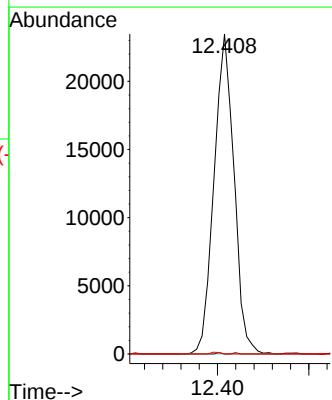
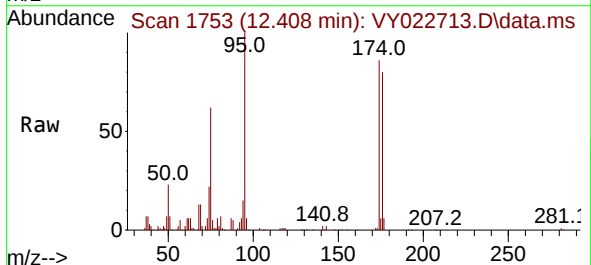
#76
1,2,3-Trichloropropane
Concen: 54.194 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

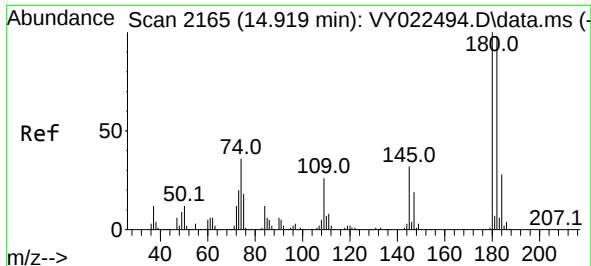
Tgt Ion: 75 Resp: 35623
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.874 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

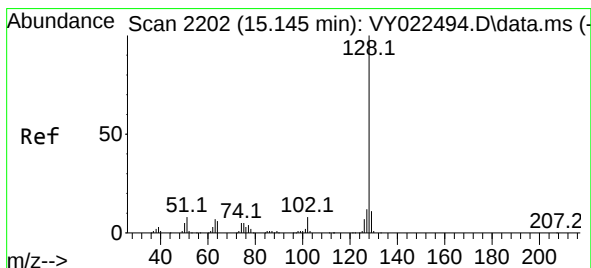
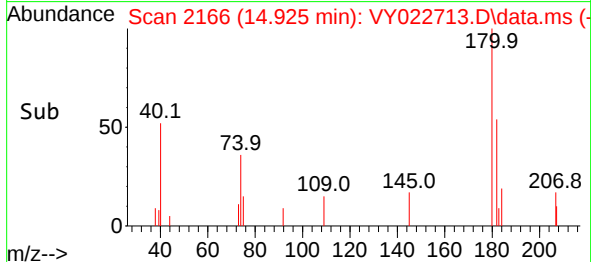
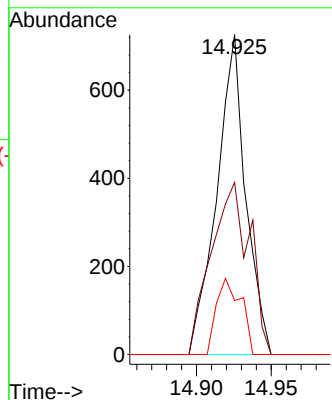
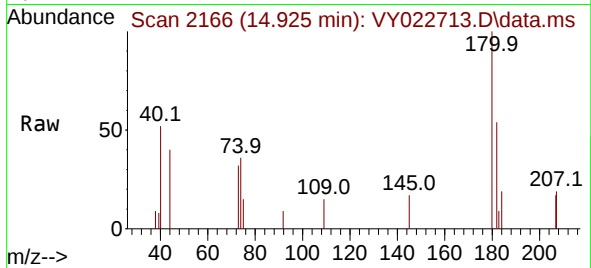
Tgt Ion: 75 Resp: 35623
Ion Ratio Lower Upper
75 100
53 0.1 78.5 117.7#
89 0.2 35.7 53.5#





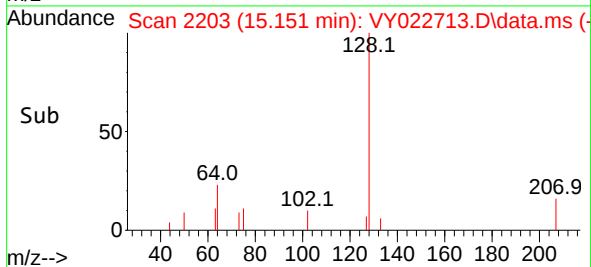
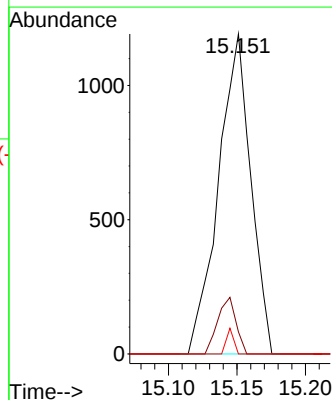
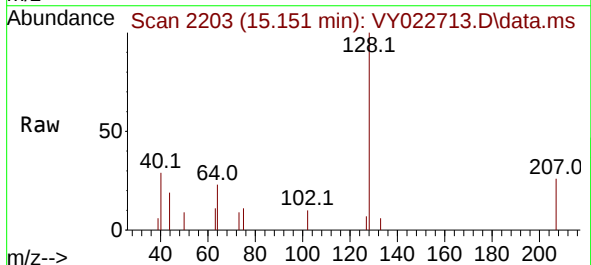
#93
1,2,4-Trichlorobenzene
Concen: 1.046 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

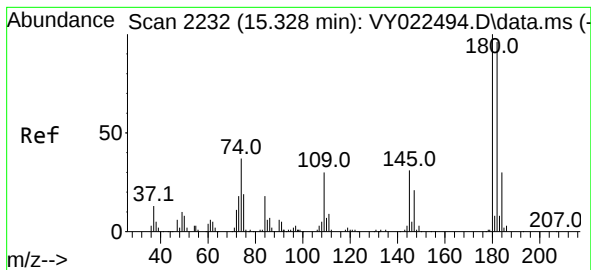
Tgt Ion:180 Resp: 977
Ion Ratio Lower Upper
180 100
182 71.8 48.4 145.3
145 20.3 15.5 46.5



#95
Naphthalene
Concen: 1.089 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY022713.D
Acq: 17 Jun 2025 09:20

Tgt Ion:128 Resp: 1951
Ion Ratio Lower Upper
128 100
127 10.0 10.4 15.6#
129 1.8 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.311 ug/l
 RT: 15.328 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: VY022713.D
 Acq: 17 Jun 2025 09:20

Tgt Ion:180 Resp: 1049
 Ion Ratio Lower Upper
 180 100
 182 71.6 47.1 141.3
 145 31.6 15.2 45.6

