

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022725.D
 Acq On : 17 Jun 2025 15:35
 Operator : SY/MD
 Sample : Q2341-07
 Misc : 4.48g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 18 04:42:45 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

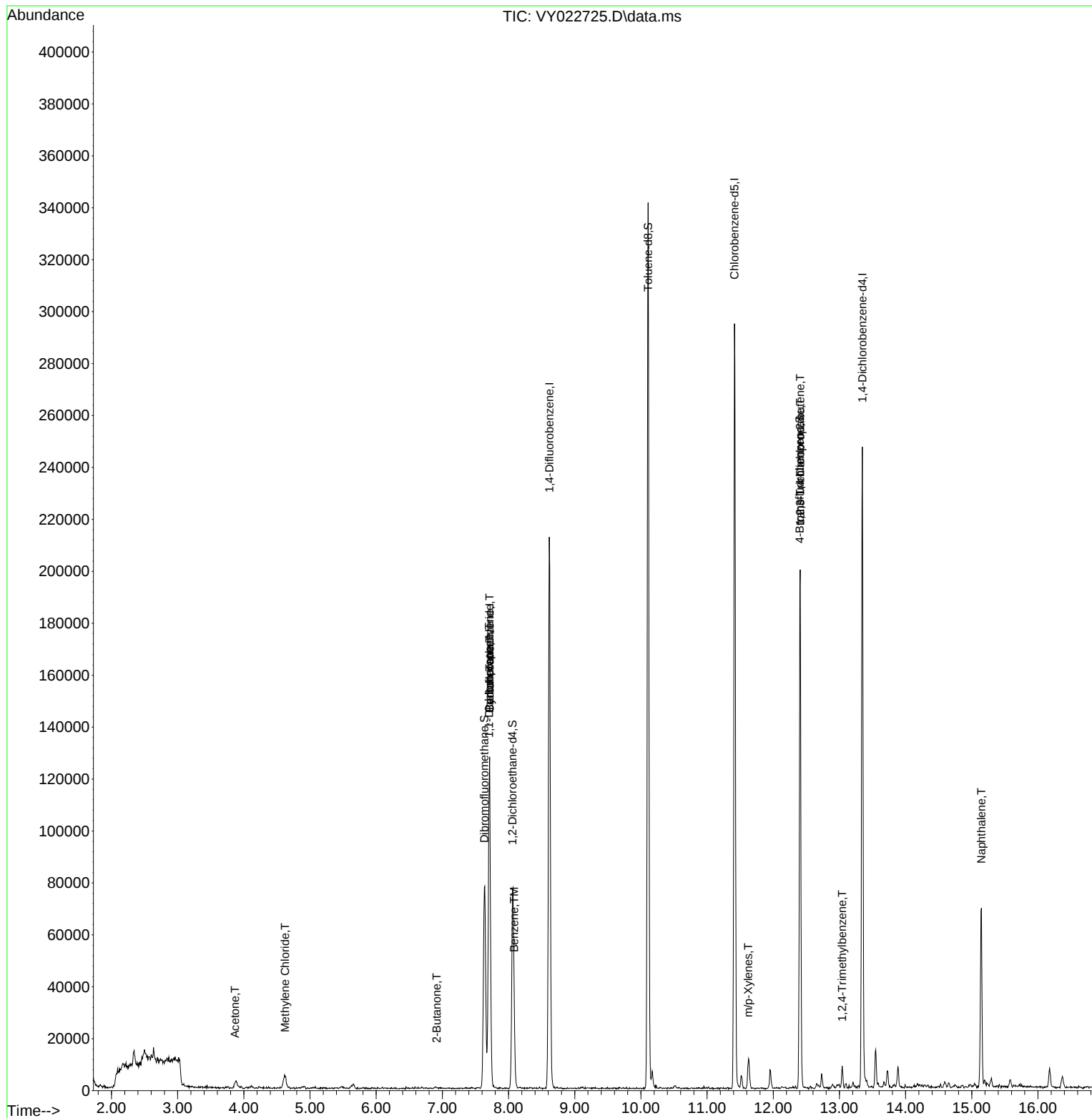
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

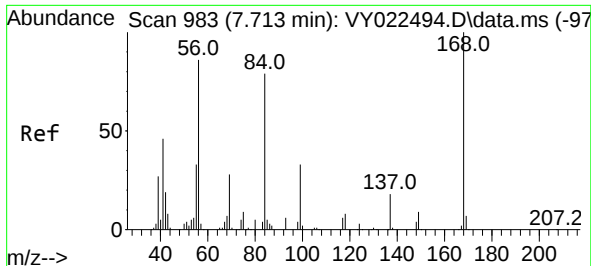
Internal Standards						
1) Pentafluorobenzene	7.713	168	90076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	174100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	145889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	55656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57849	57.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.840%
35) Dibromofluoromethane	7.634	113	53821	51.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.109	98	211132	50.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.401	95	53171	42.501	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.000%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	4799	23.456	ug/l #	88
20) Methylene Chloride	4.622	84	3526	3.034	ug/l #	84
25) 2-Butanone	6.915	43	1081	3.663	ug/l #	84
31) Cyclohexane	7.713	56	2843	1.469	ug/l #	38
36) 1,1-Dichloropropene	7.707	75	8778	5.205	ug/l #	49
38) Carbon Tetrachloride	7.713	117	9202	5.319	ug/l #	18
40) Benzene	8.085	78	7173	1.440	ug/l	98
68) m/p-Xylenes	11.621	106	3520	1.551	ug/l	92
76) 1,2,3-Trichloropropane	12.408	75	31960	50.194	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	31960	121.216	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.042	105	3983	1.110	ug/l	92
95) Naphthalene	15.145	128	51946	29.922	ug/l	99

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

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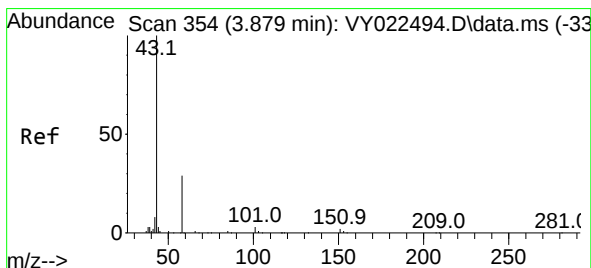
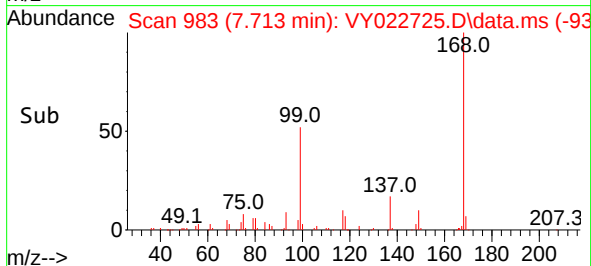
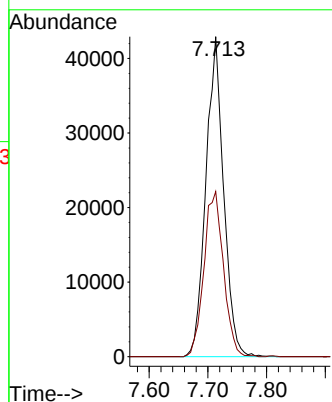
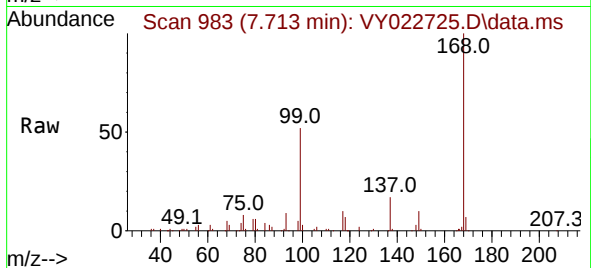
Quant Time: Jun 18 04:42:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
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QLast Update : Tue Jun 10 15:26:14 2025
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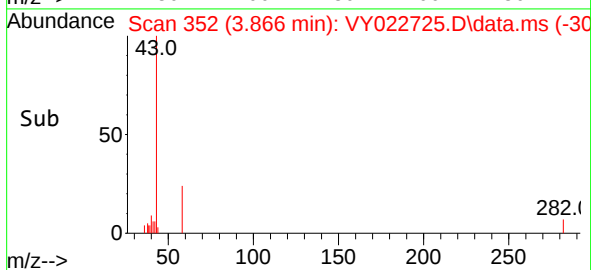
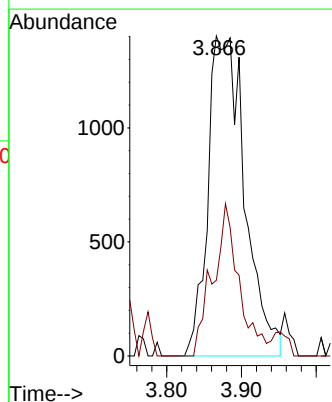
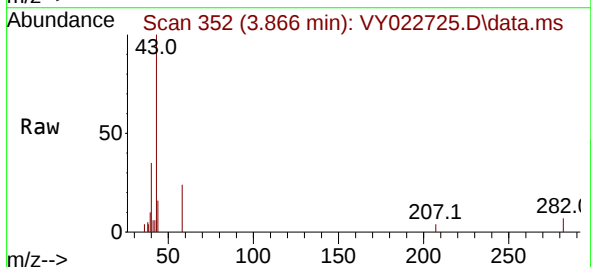
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

Tgt Ion:168 Resp: 90076
Ion Ratio Lower Upper
168 100
99 51.6 44.3 66.5



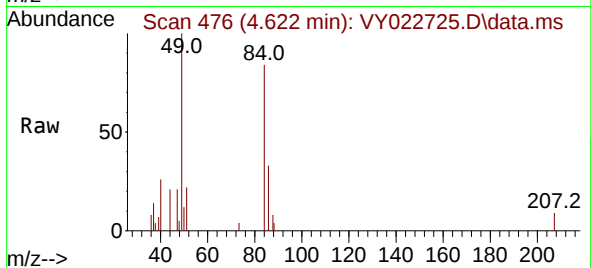
#16
Acetone
Concen: 23.456 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

Tgt Ion: 43 Resp: 4799
Ion Ratio Lower Upper
43 100
58 23.7 24.0 36.0#

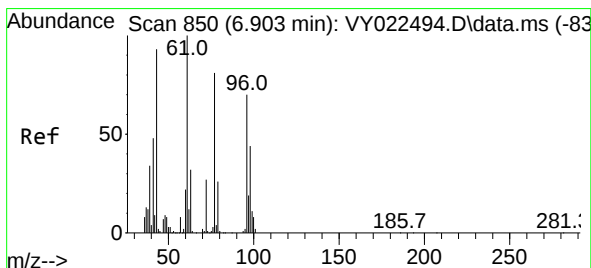
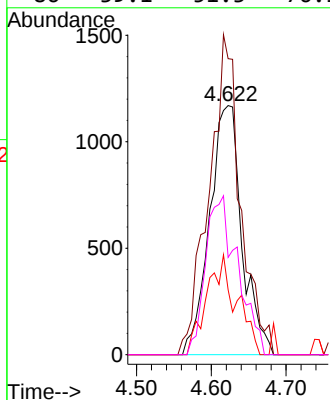
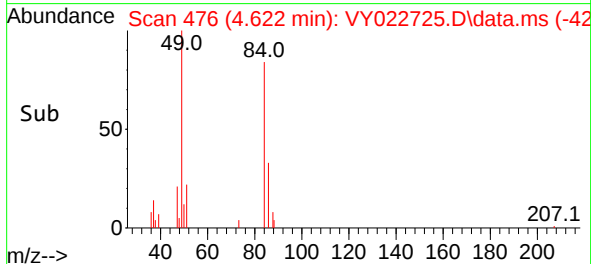




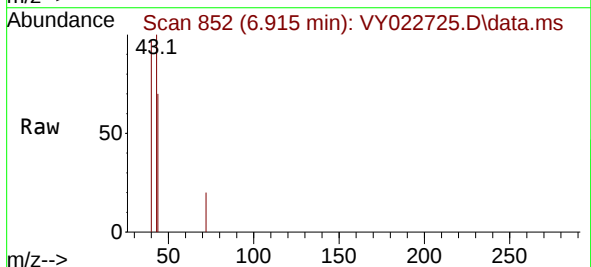
#20
Methylene Chloride
Concen: 3.034 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35



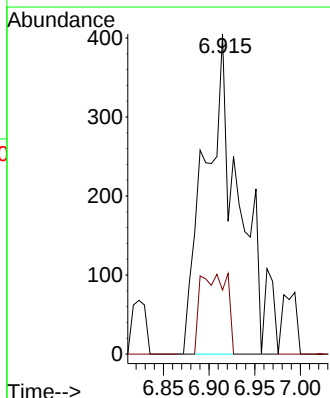
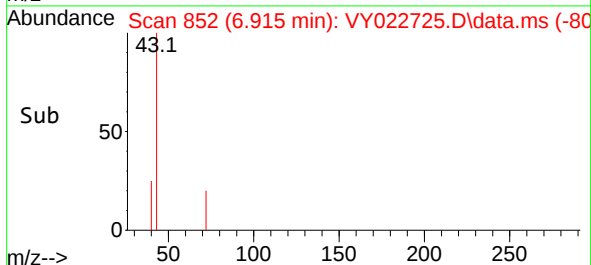
Tgt Ion:	84	Resp:	3526
Ion	Ratio	Lower	Upper
84	100		
49	118.8	101.9	152.9
51	26.1	29.8	44.8#
86	39.1	51.3	76.9#

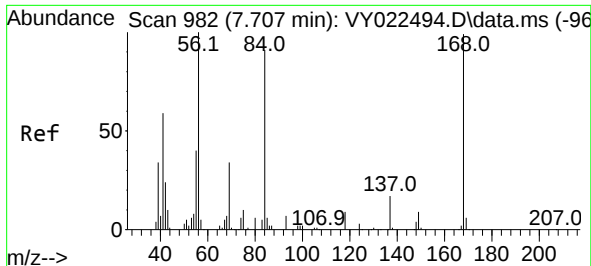


#25
2-Butanone
Concen: 3.663 ug/l
RT: 6.915 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35



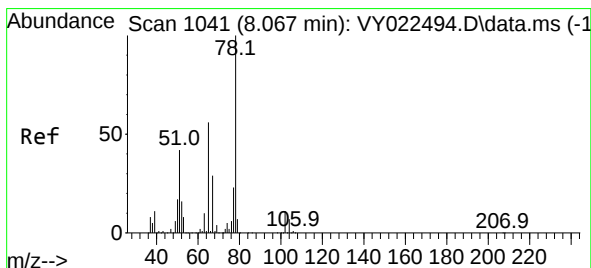
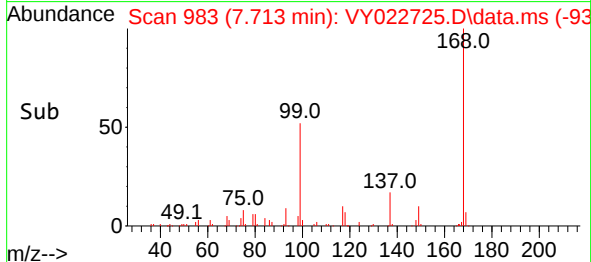
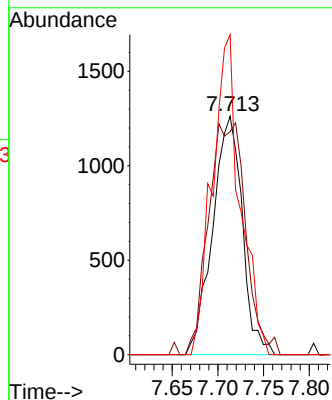
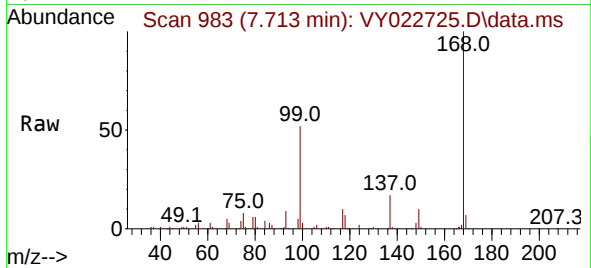
Tgt Ion:	43	Resp:	1081
Ion	Ratio	Lower	Upper
43	100		
72	20.0	22.9	34.3#





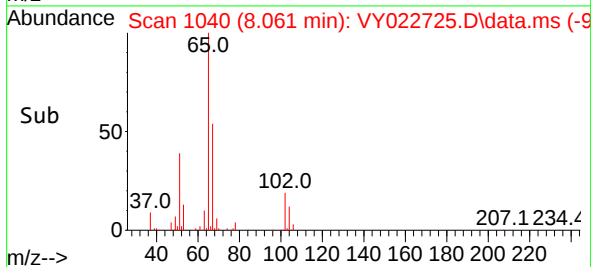
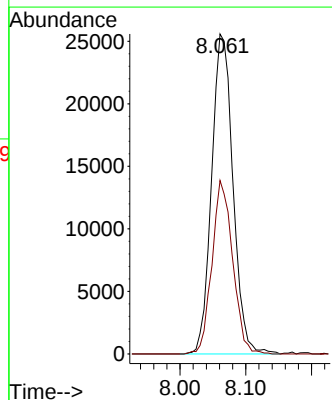
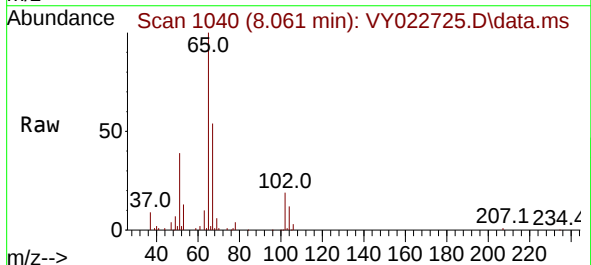
#31
Cyclohexane
Concen: 1.469 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

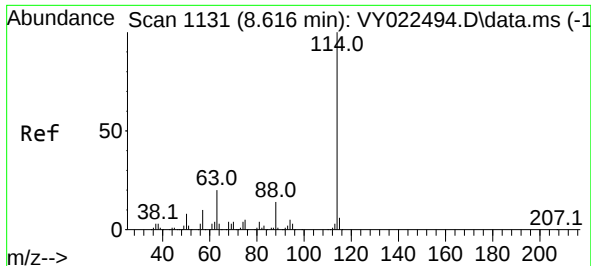
Tgt Ion: 56 Resp: 2843
Ion Ratio Lower Upper
56 100
69 93.6 27.0 40.6#
84 134.2 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 57.421 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

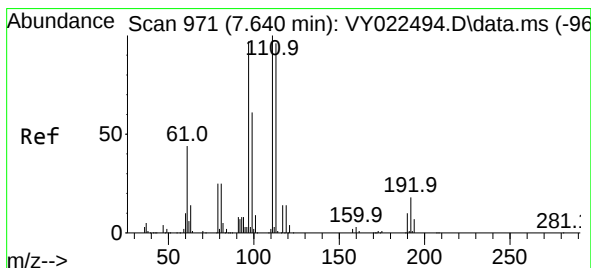
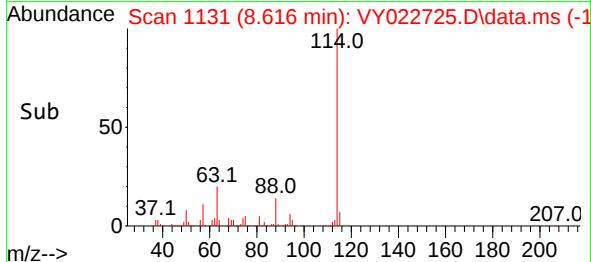
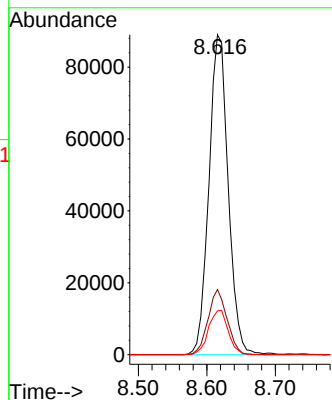
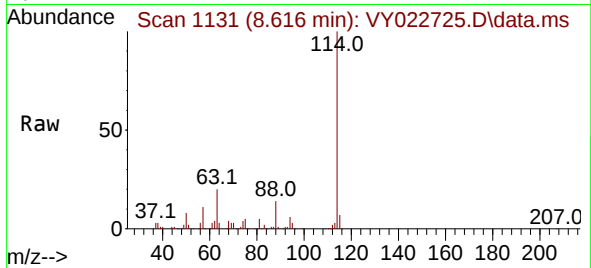
Tgt Ion: 65 Resp: 57849
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4





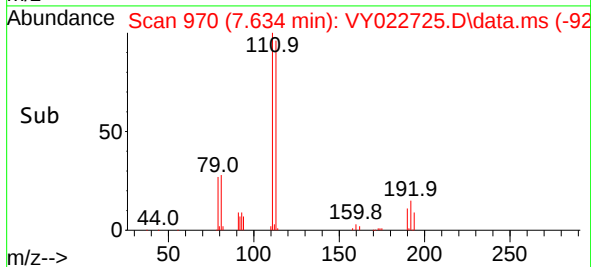
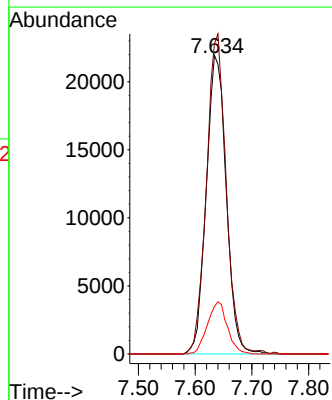
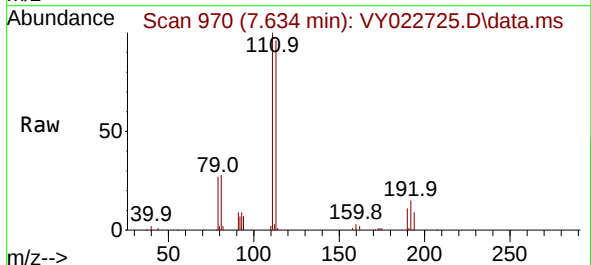
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

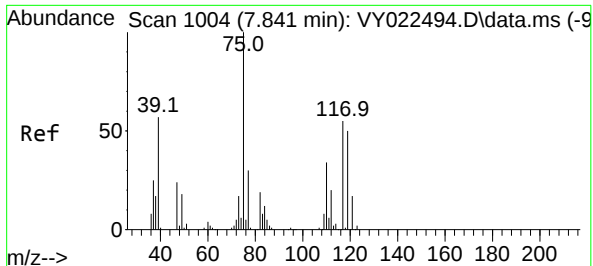
Tgt Ion:114 Resp: 174100
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 13.7 0.0 27.8



#35
Dibromofluoromethane
Concen: 51.792 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

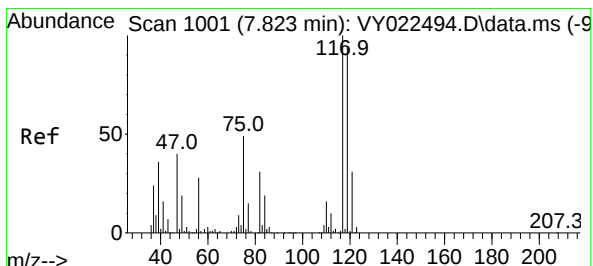
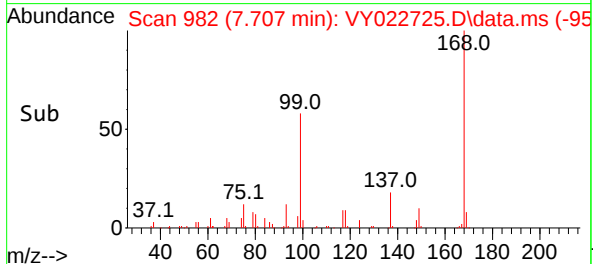
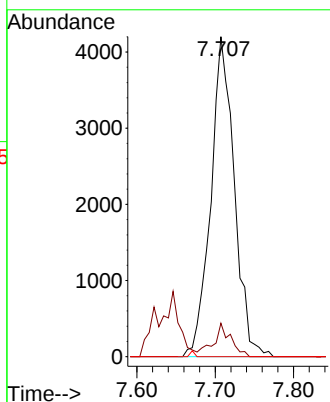
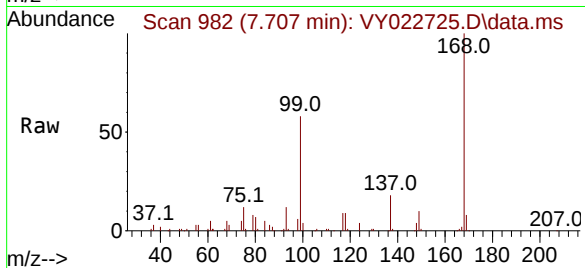
Tgt Ion:113 Resp: 53821
Ion Ratio Lower Upper
113 100
111 105.5 81.1 121.7
192 17.4 14.2 21.2





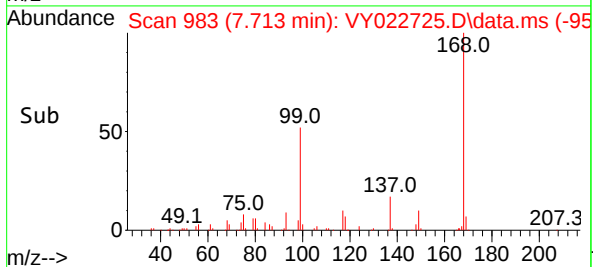
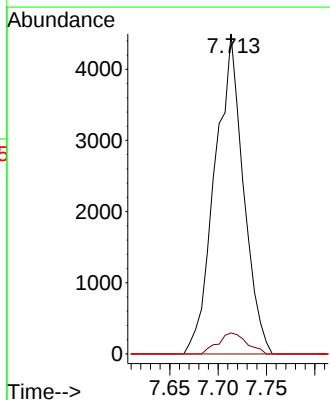
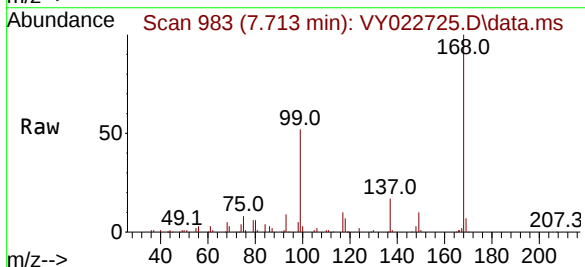
#36
1,1-Dichloropropene
Concen: 5.205 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

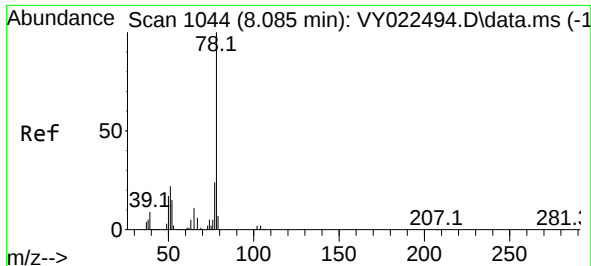
Tgt Ion: 75 Resp: 8778
Ion Ratio Lower Upper
75 100
110 7.7 16.9 50.7#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.319 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

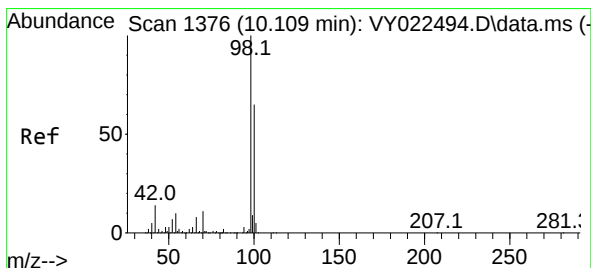
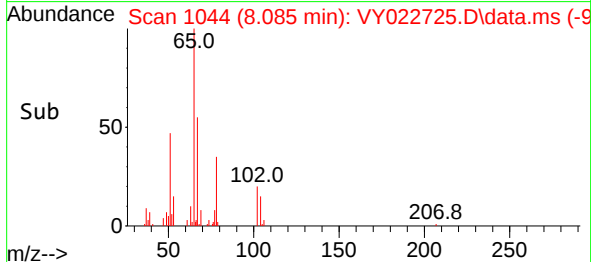
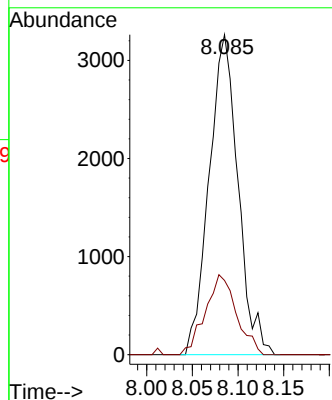
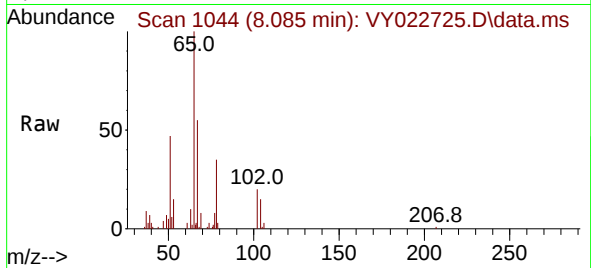
Tgt Ion: 117 Resp: 9202
Ion Ratio Lower Upper
117 100
119 6.5 75.0 112.6#
121 0.0 25.0 37.4#





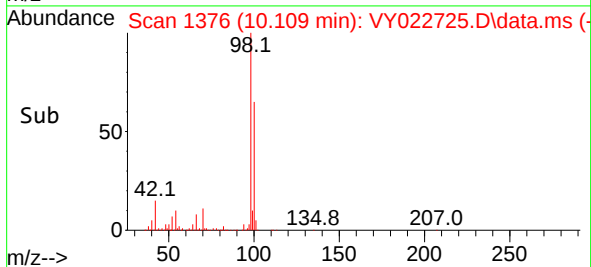
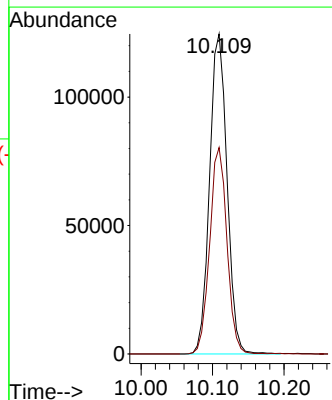
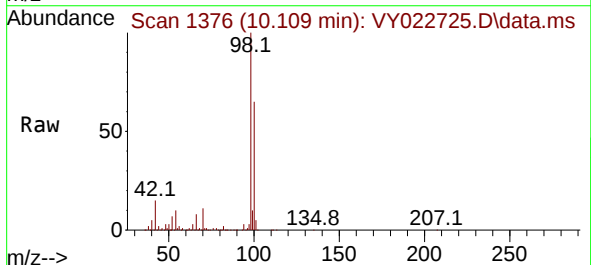
#40
Benzene
Concen: 1.440 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

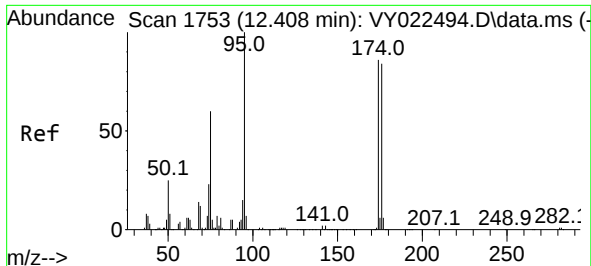
Tgt Ion: 78 Resp: 7173
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9



#50
Toluene-d8
Concen: 50.283 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

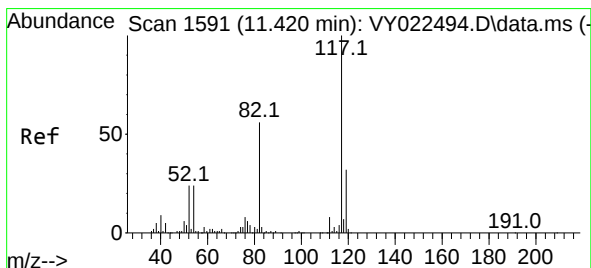
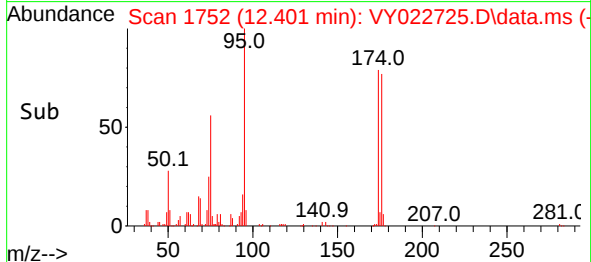
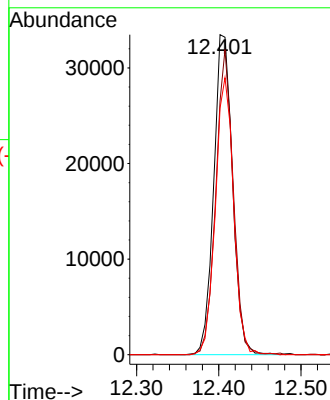
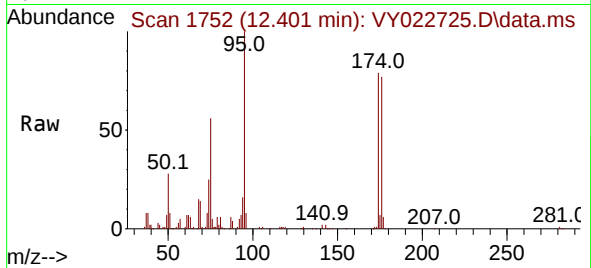
Tgt Ion: 98 Resp: 211132
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0





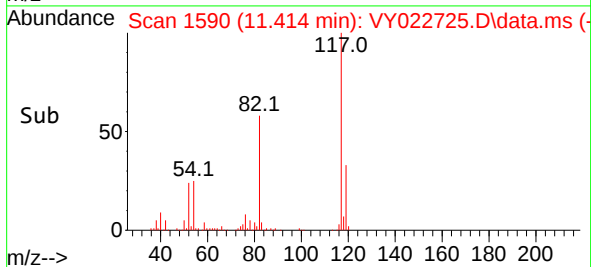
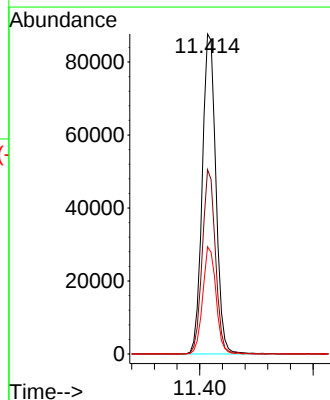
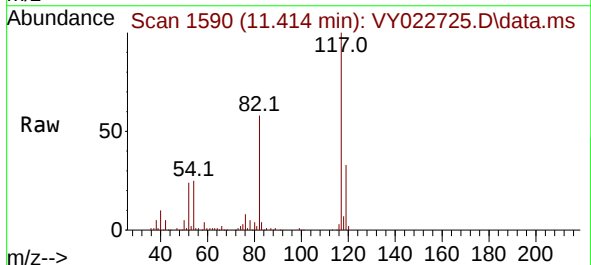
#62
4-Bromofluorobenzene
Concen: 42.501 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

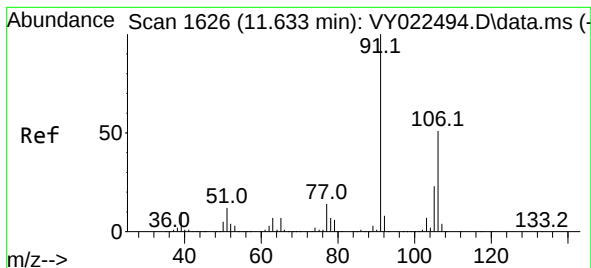
Tgt Ion:	95	Resp:	53171
Ion Ratio	Lower	Upper	
95	100		
174	88.8	0.0	170.0
176	83.9	0.0	166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

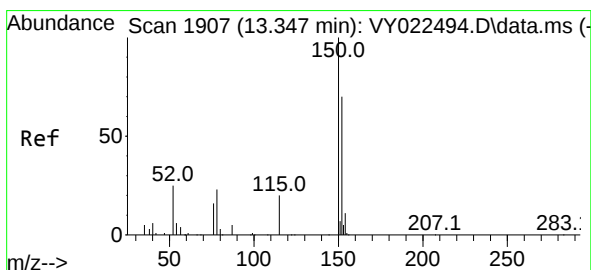
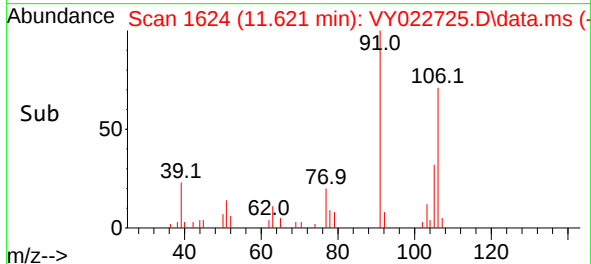
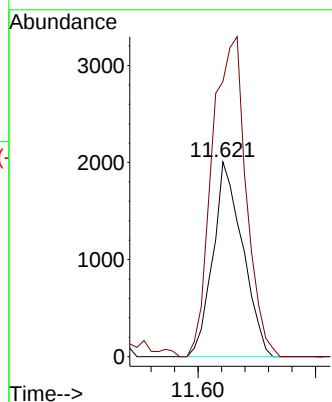
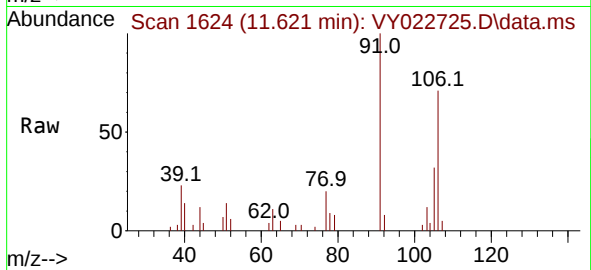
Tgt Ion:	117	Resp:	145889
Ion Ratio	Lower	Upper	
117	100		
82	57.6	44.6	66.8
119	33.5	25.4	38.0





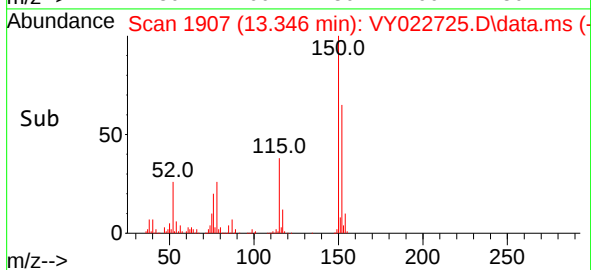
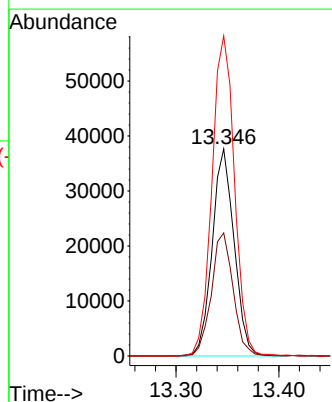
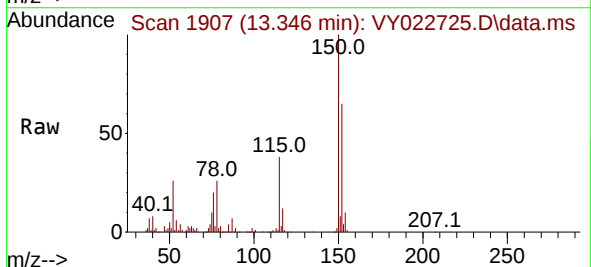
#68
m/p-Xylenes
Concen: 1.551 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

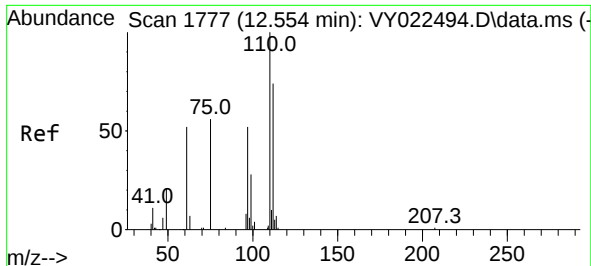
Tgt Ion:106 Resp: 3520
Ion Ratio Lower Upper
106 100
91 187.8 159.4 239.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

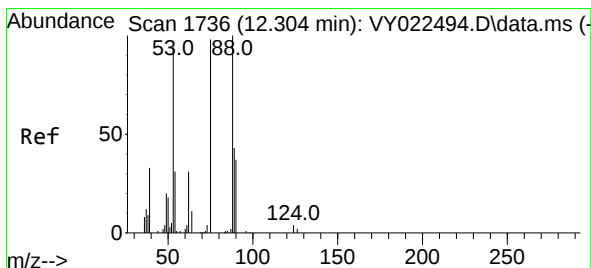
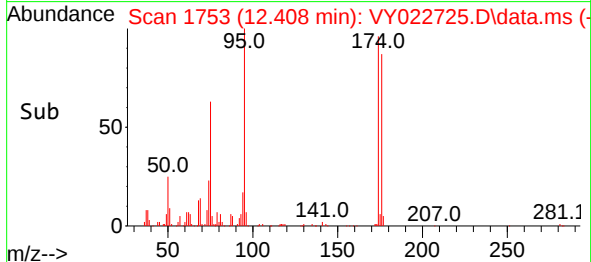
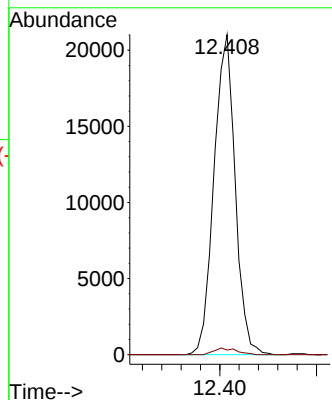
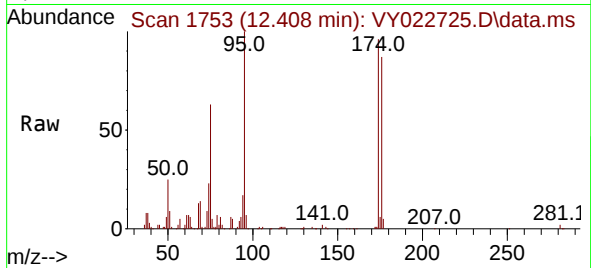
Tgt Ion:152 Resp: 55656
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 159.3 0.0 349.6





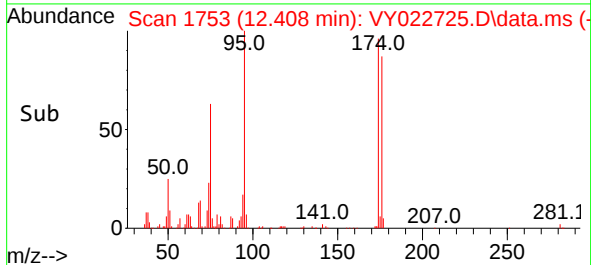
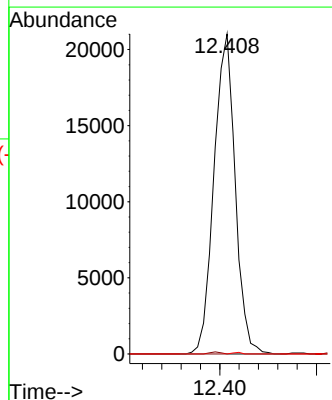
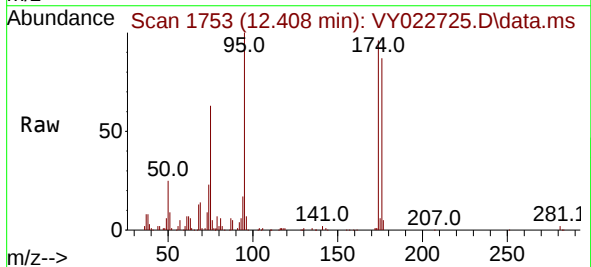
#76
1,2,3-Trichloropropane
Concen: 50.194 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

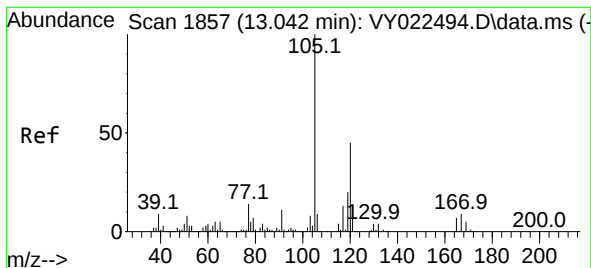
Tgt Ion: 75 Resp: 31960
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.216 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

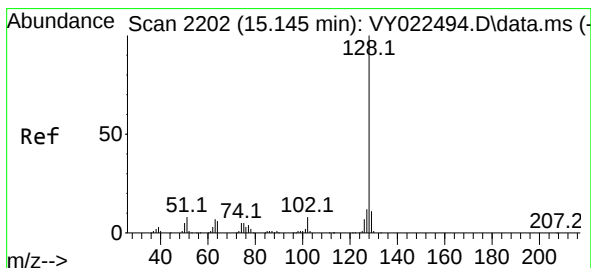
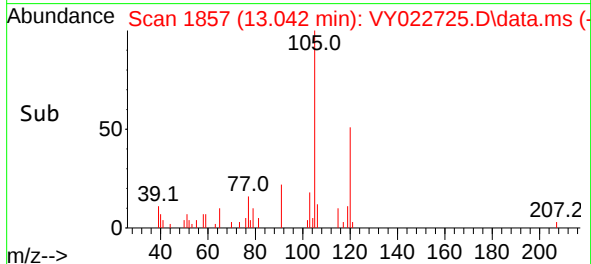
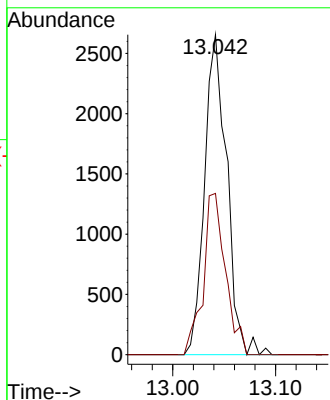
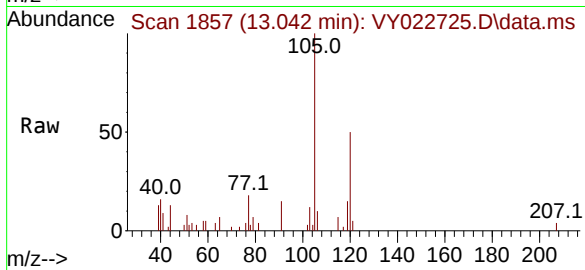
Tgt Ion: 75 Resp: 31960
Ion Ratio Lower Upper
75 100
53 0.3 78.5 117.7#
89 0.0 35.7 53.5#





#84
1,2,4-Trimethylbenzene
Concen: 1.110 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

Tgt Ion:105 Resp: 3983
Ion Ratio Lower Upper
105 100
120 50.4 22.7 68.1



#95
Naphthalene
Concen: 29.922 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022725.D
Acq: 17 Jun 2025 15:35

Tgt Ion:128 Resp: 51946
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.9 13.3

