

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022724.D
 Acq On : 17 Jun 2025 15:11
 Operator : SY/MD
 Sample : Q2341-03
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 18 04:42:25 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

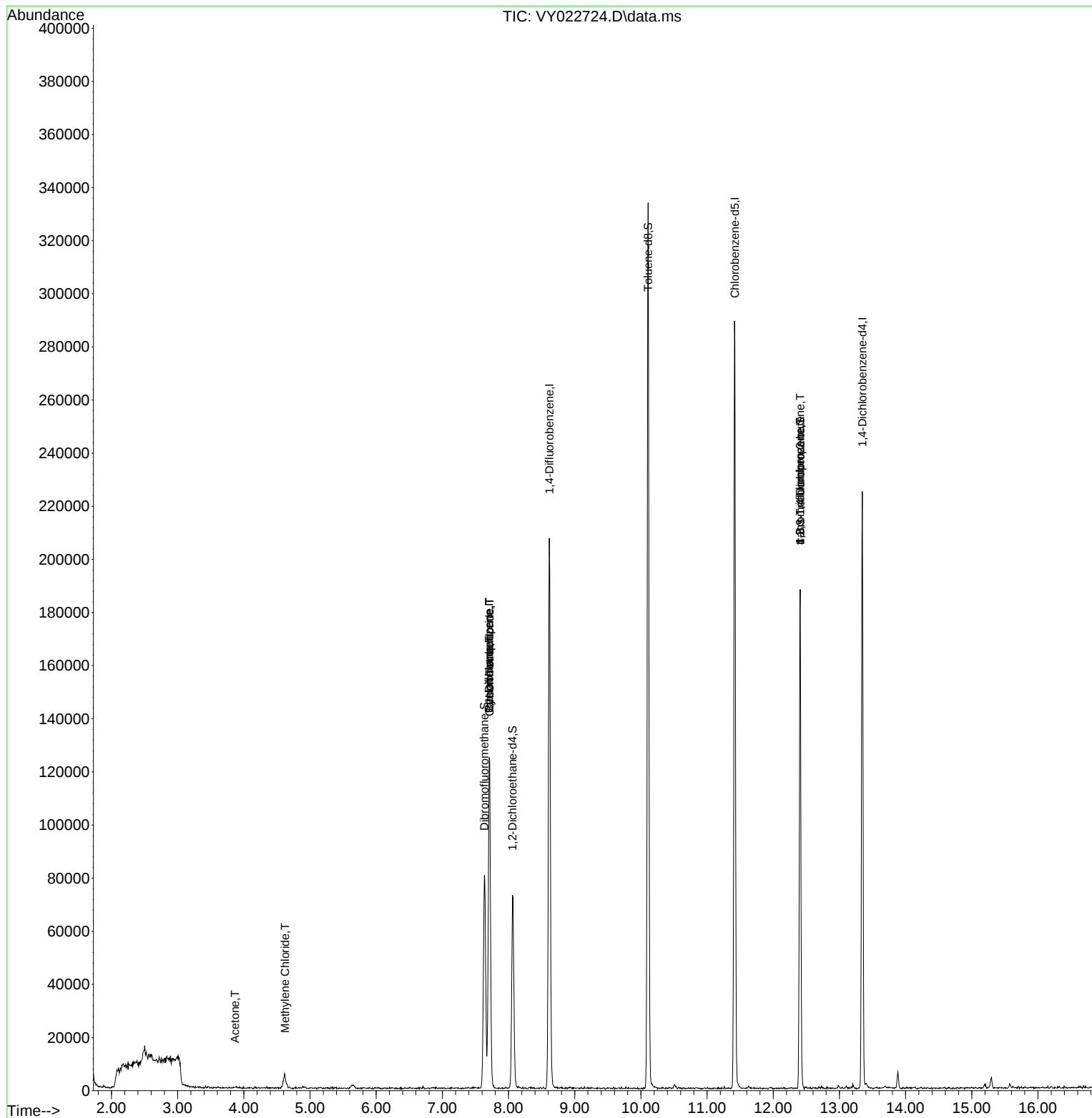
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	92004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	173059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	144732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	52970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55603	54.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.080%	
35) Dibromofluoromethane	7.634	113	55926	54.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.280%	
50) Toluene-d8	10.109	98	211467	50.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	12.408	95	51642	41.527	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.060%	
Target Compounds						Qvalue
16) Acetone	3.867	43	429	2.053	ug/l #	86
20) Methylene Chloride	4.623	84	3309	2.788	ug/l	86
31) Cyclohexane	7.707	56	2829	1.431	ug/l #	62
36) 1,1-Dichloropropene	7.707	75	8612	5.137	ug/l #	53
38) Carbon Tetrachloride	7.713	117	9729	5.657	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	31029	51.203	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	31029	123.653	ug/l #	11

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

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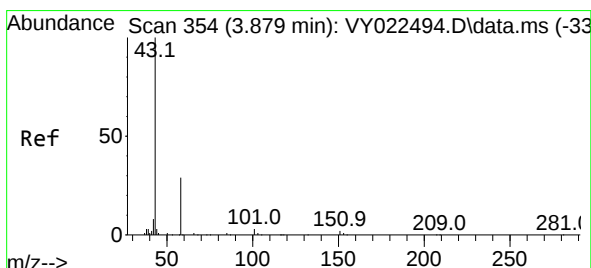
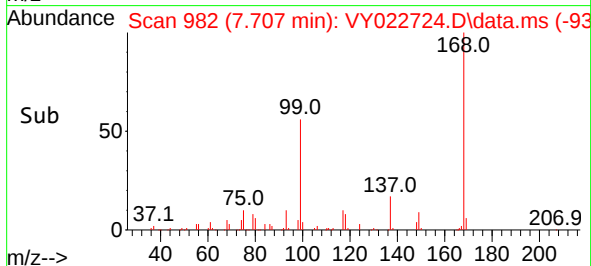
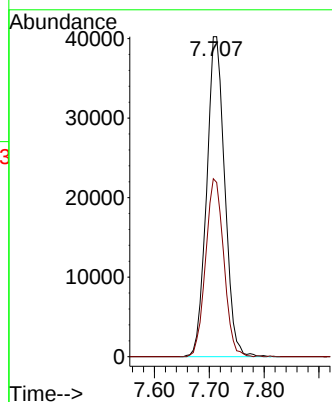
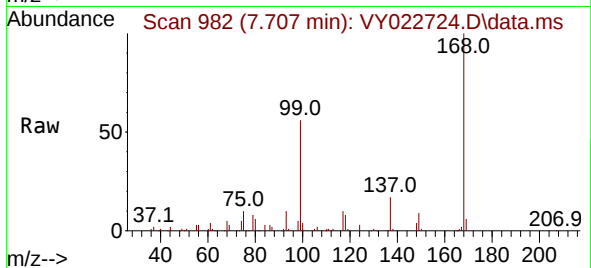
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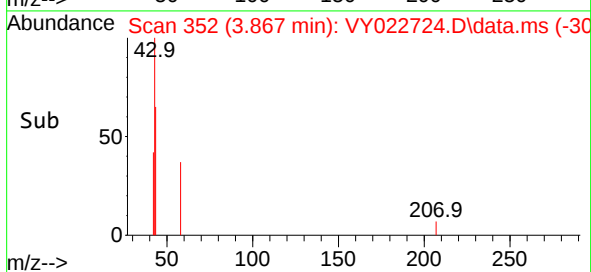
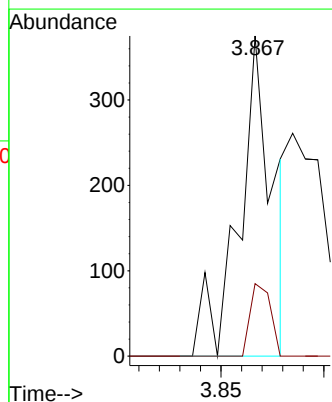
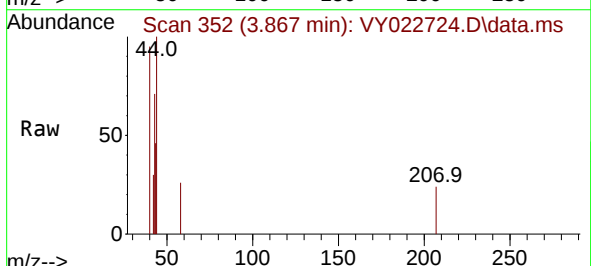
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

Tgt Ion:168 Resp: 92004
Ion Ratio Lower Upper
168 100
99 55.6 44.3 66.5



#16
Acetone
Concen: 2.053 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

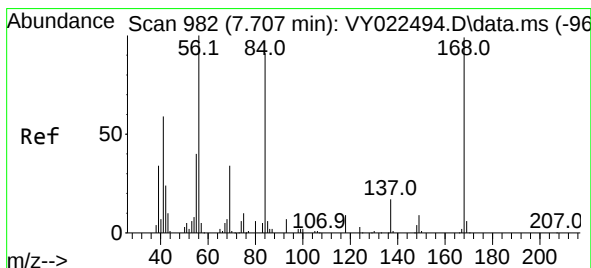
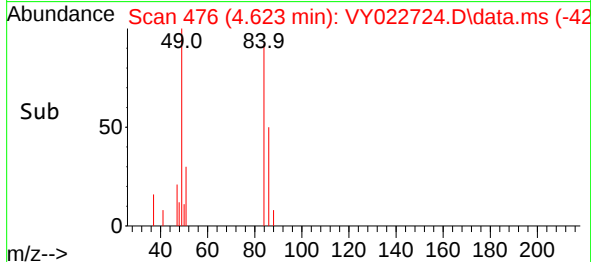
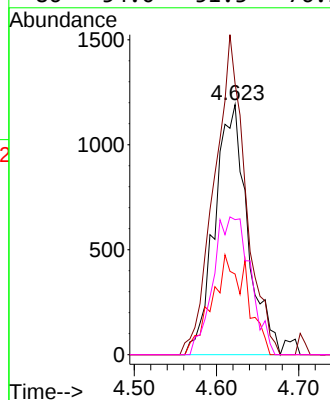
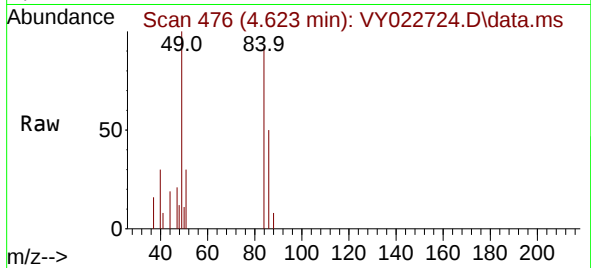
Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
58 22.7 24.0 36.0#





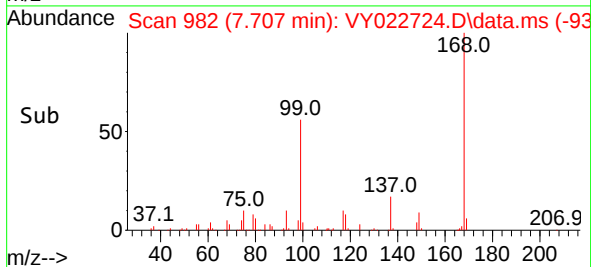
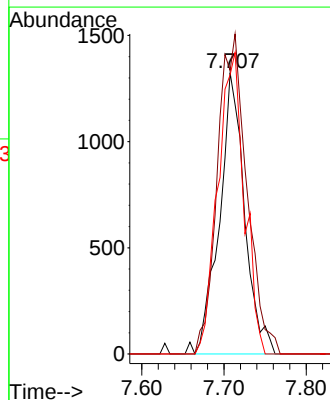
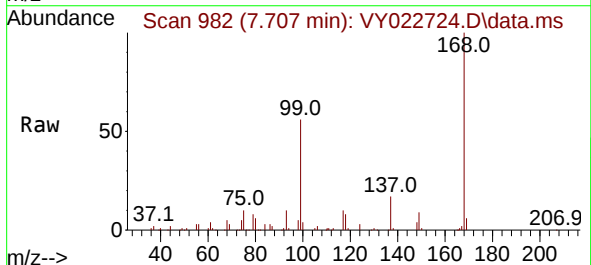
#20
Methylene Chloride
Concen: 2.788 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

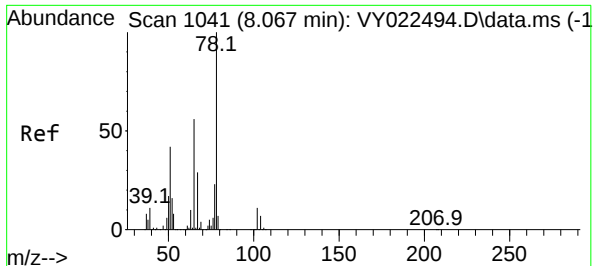
Tgt Ion:	84	Resp:	3309
Ion	Ratio	Lower	Upper
84	100		
49	108.4	101.9	152.9
51	32.2	29.8	44.8
86	54.0	51.3	76.9



#31
Cyclohexane
Concen: 1.431 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

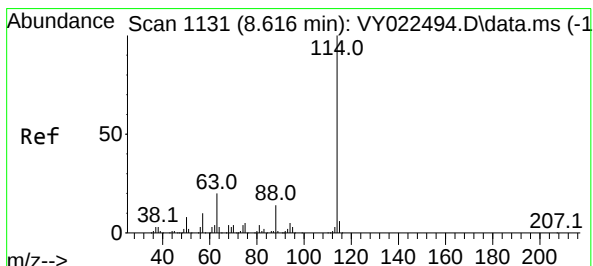
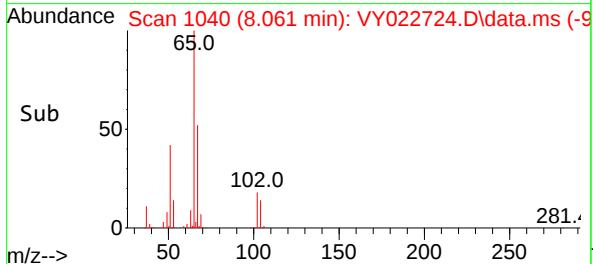
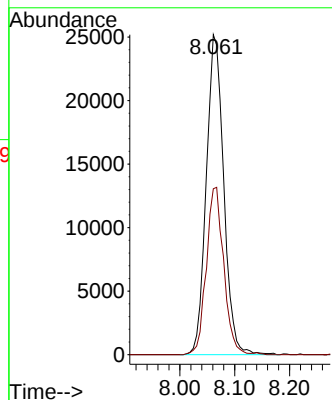
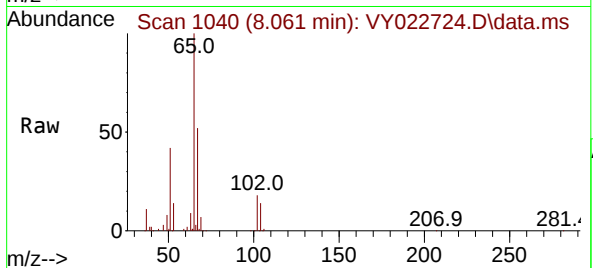
Tgt Ion:	56	Resp:	2829
Ion	Ratio	Lower	Upper
56	100		
69	100.8	27.0	40.6#
84	99.3	72.6	109.0





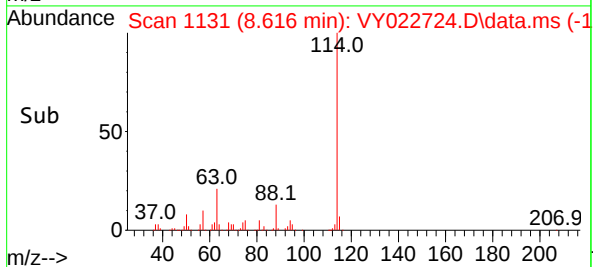
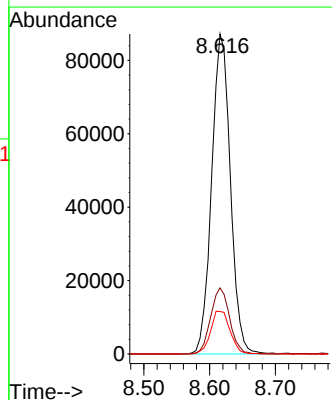
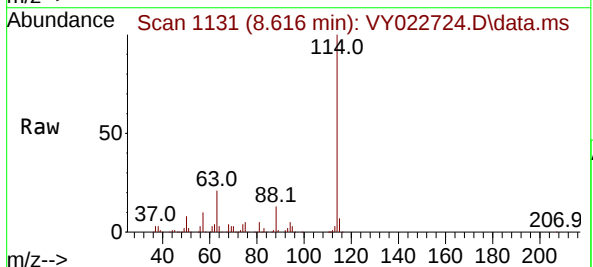
#33
 1,2-Dichloroethane-d4
 Concen: 54.035 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. -0.006 min
 Lab File: VY022724.D
 Acq: 17 Jun 2025 15:11

Tgt Ion: 65 Resp: 55603
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VY022724.D
 Acq: 17 Jun 2025 15:11

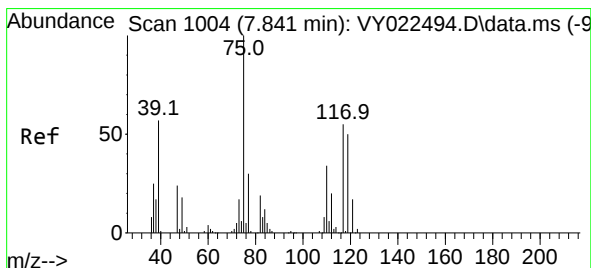
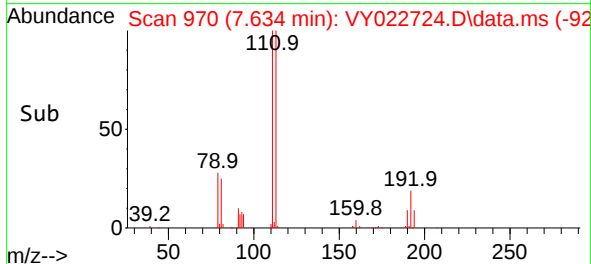
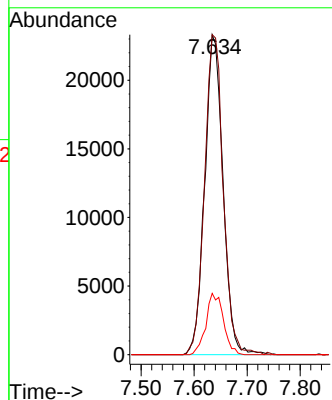
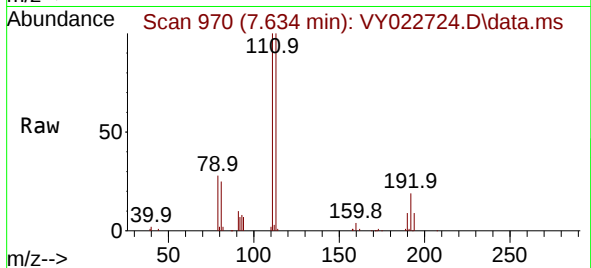
Tgt Ion: 114 Resp: 173059
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 13.3 0.0 27.8





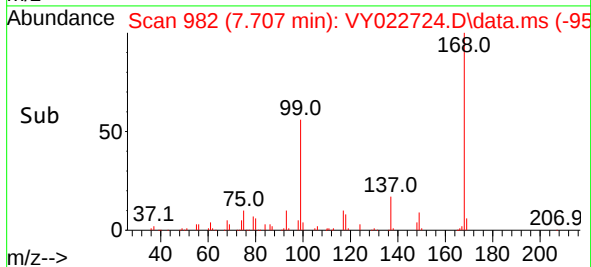
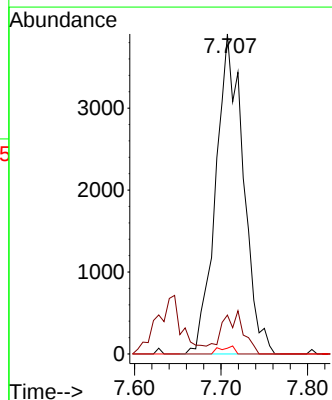
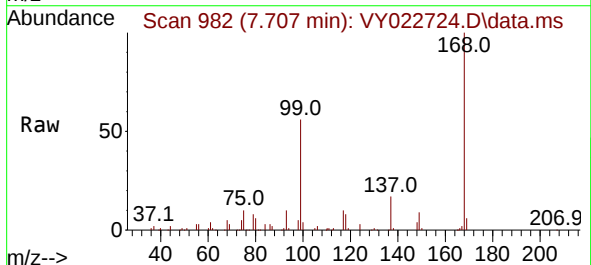
#35
Dibromofluoromethane
Concen: 54.142 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

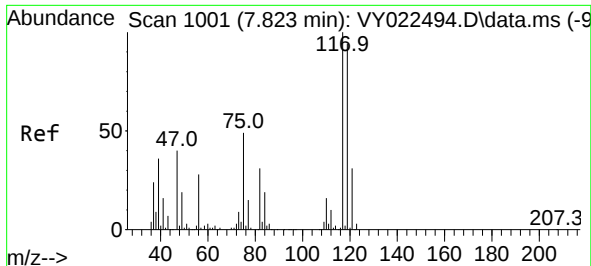
Tgt Ion: 113 Resp: 55926
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 18.3 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.137 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

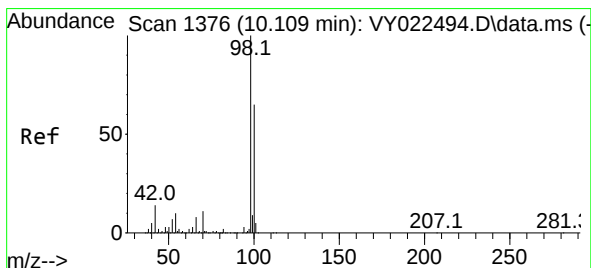
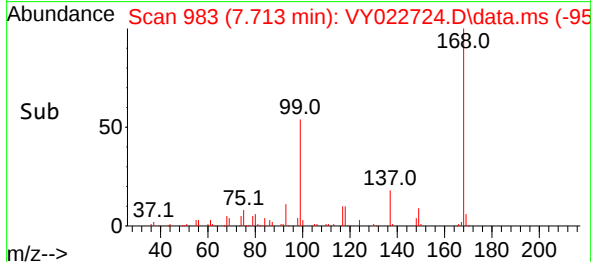
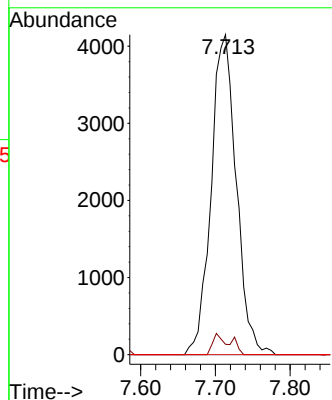
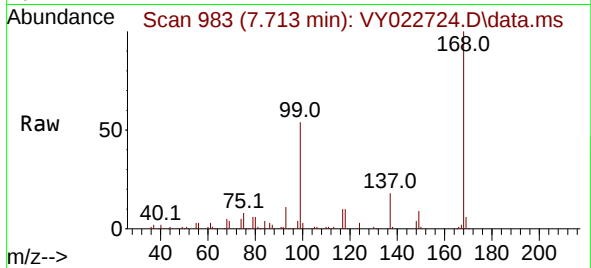
Tgt Ion: 75 Resp: 8612
Ion Ratio Lower Upper
75 100
110 10.5 16.9 50.7#
77 1.3 24.8 37.2#





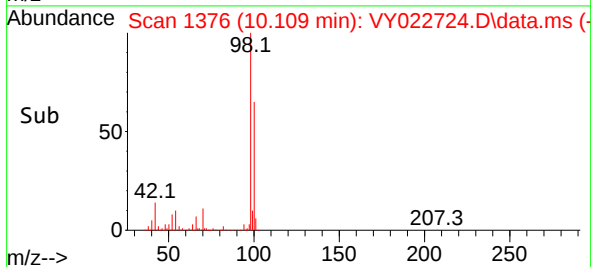
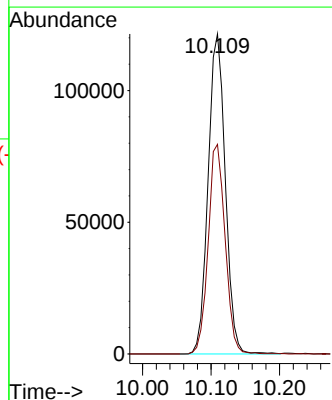
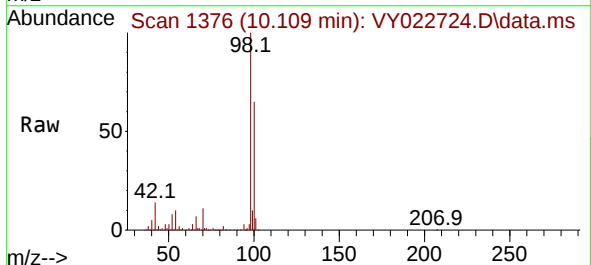
#38
Carbon Tetrachloride
Concen: 5.657 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

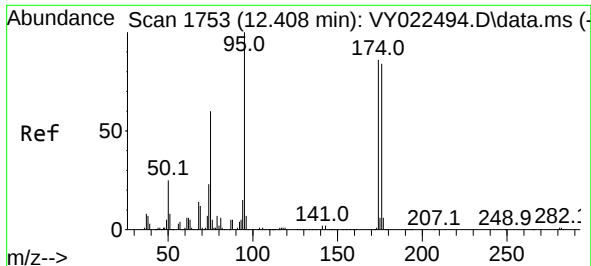
Tgt Ion:117 Resp: 9729
Ion Ratio Lower Upper
117 100
119 3.3 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.665 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

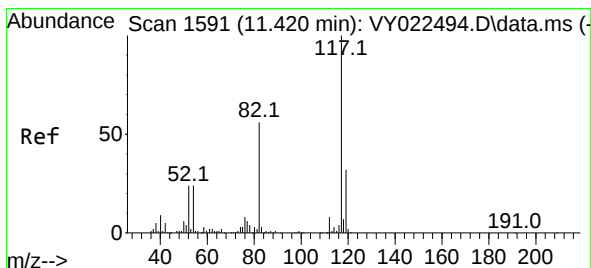
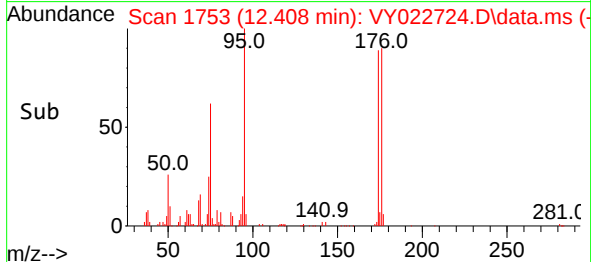
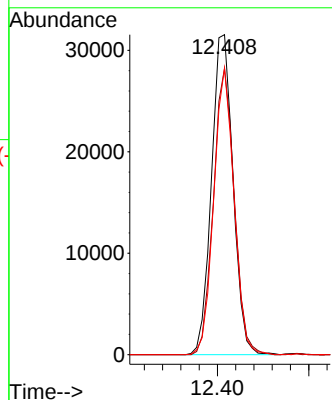
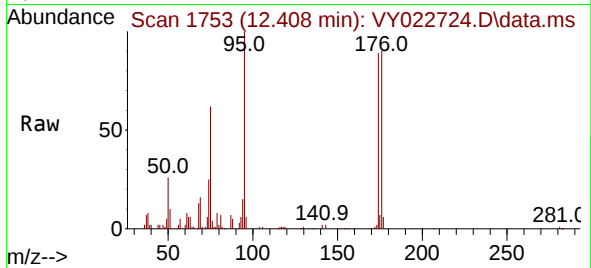
Tgt Ion: 98 Resp: 211467
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0





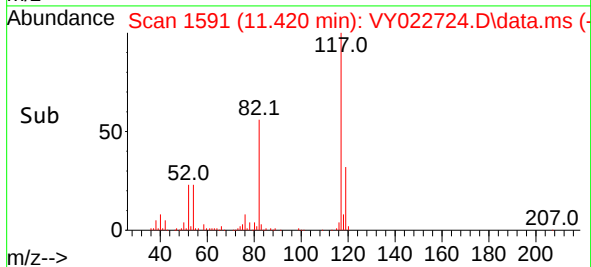
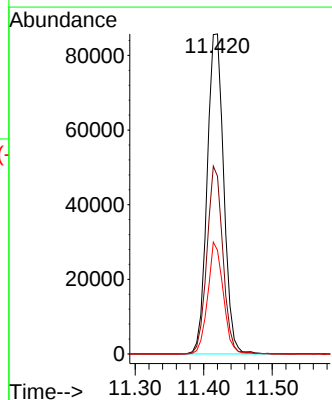
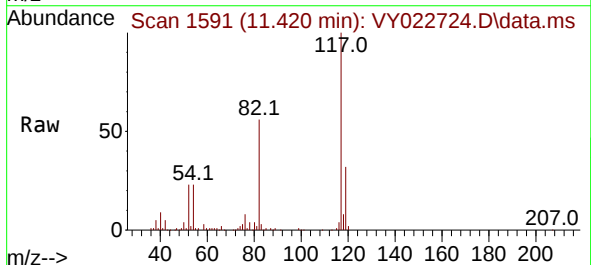
#62
4-Bromofluorobenzene
Concen: 41.527 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

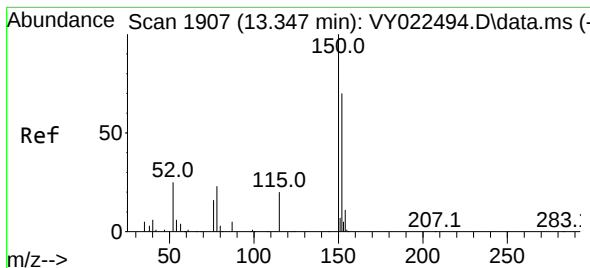
Tgt Ion:	95	Resp:	51642
Ion Ratio	Lower	Upper	
95	100		
174	86.7	0.0	170.0
176	84.2	0.0	166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY022724.D
Acq: 17 Jun 2025 15:11

Tgt Ion:	117	Resp:	144732
Ion Ratio	Lower	Upper	
117	100		
82	55.5	44.6	66.8
119	32.4	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022724.D

Acq: 17 Jun 2025 15:11

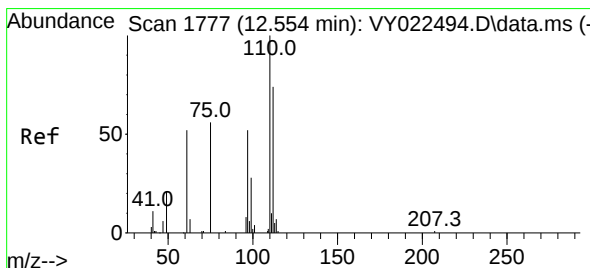
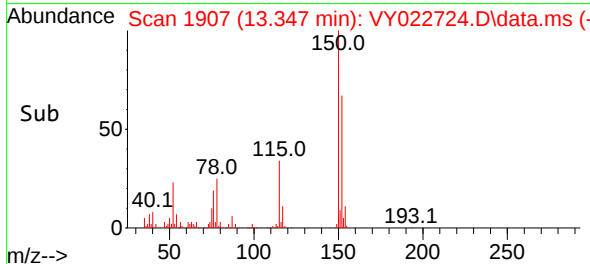
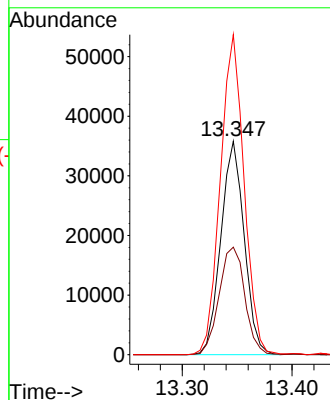
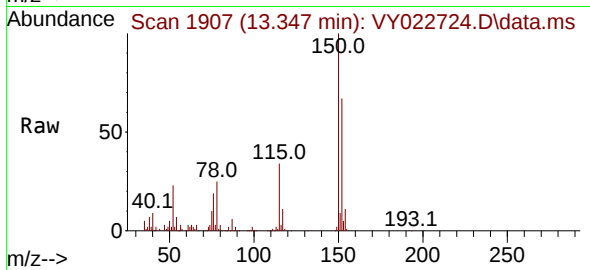
Tgt Ion:152 Resp: 52970

Ion Ratio Lower Upper

152 100

115 55.5 28.9 86.7

150 152.7 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 51.203 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022724.D

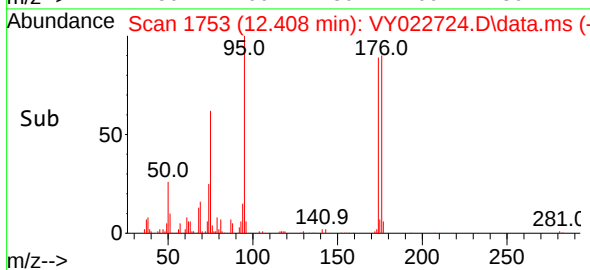
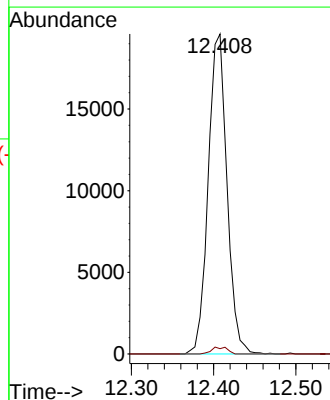
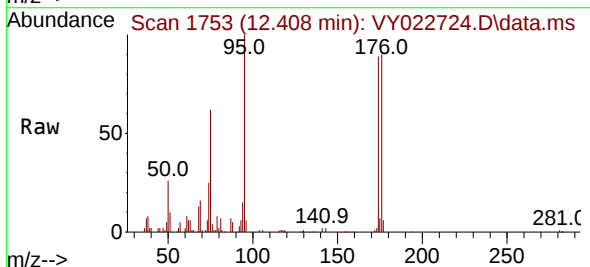
Acq: 17 Jun 2025 15:11

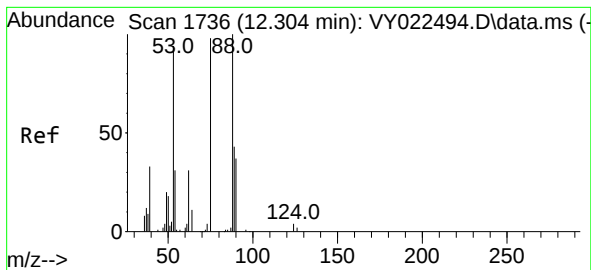
Tgt Ion: 75 Resp: 31029

Ion Ratio Lower Upper

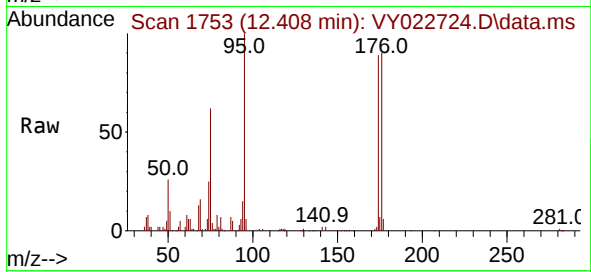
75 100

77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.653 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.104 min
 Lab File: VY022724.D
 Acq: 17 Jun 2025 15:11



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.2	35.7	53.5#

