

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
 Data File : VY022974.D
 Acq On : 08 Jul 2025 14:40
 Operator : SY/MD
 Sample : Q2484-05
 Misc : 4.63g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-106

Quant Time: Jul 09 02:31:54 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)

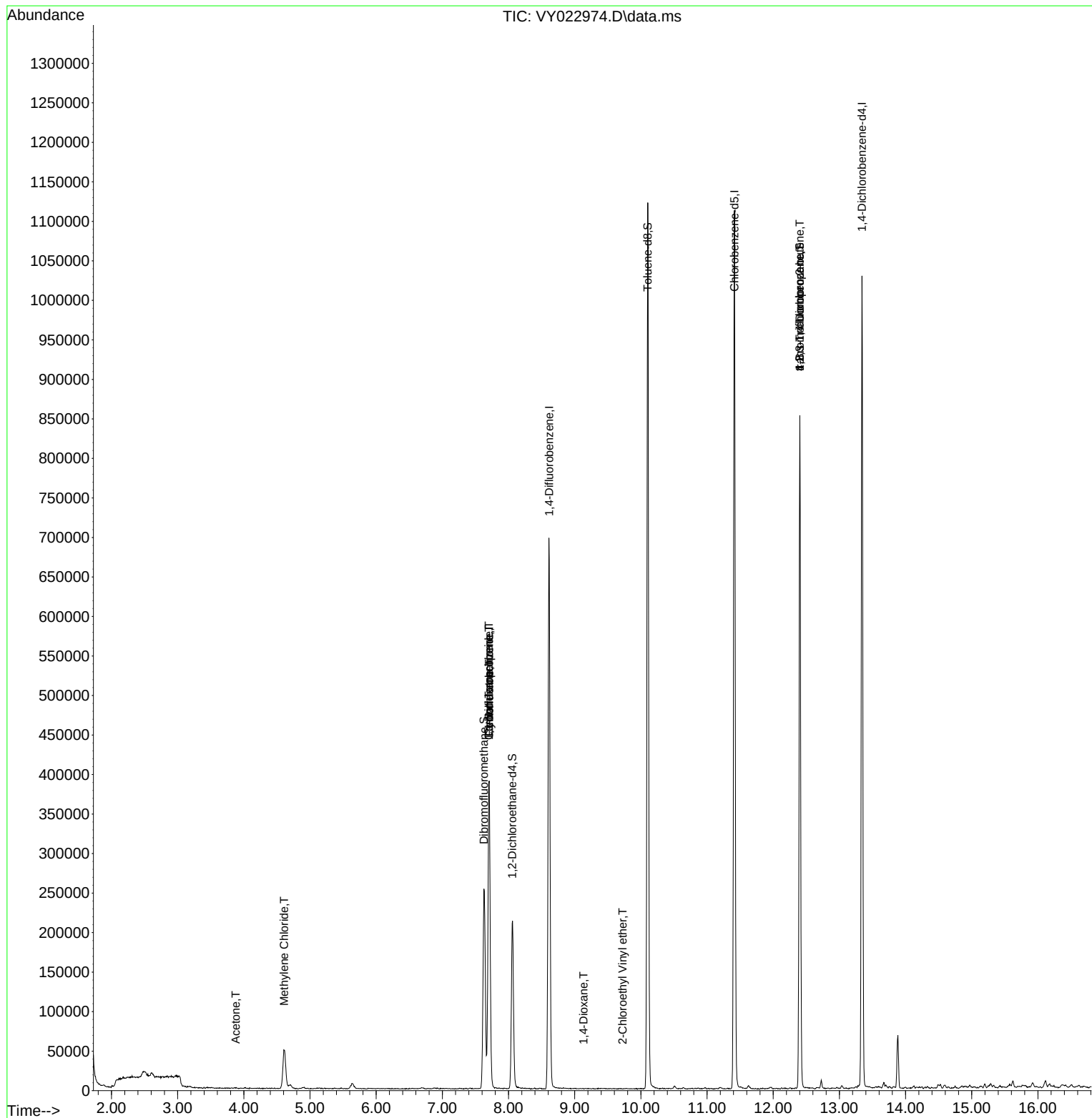
Internal Standards						
1) Pentafluorobenzene	7.707	168	295032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	579416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	569839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	250116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	168761	51.251	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.500%	
35) Dibromofluoromethane	7.628	113	181157	51.411	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.820%	
50) Toluene-d8	10.103	98	710656	50.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	12.402	95	243316	54.131	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.260%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	1296	2.082	ug/l #	45
20) Methylene Chloride	4.610	84	35154	8.944	ug/l	96
31) Cyclohexane	7.707	56	7854	1.389	ug/l #	17
36) 1,1-Dichloropropene	7.701	75	25483	4.771	ug/l #	50
38) Carbon Tetrachloride	7.701	117	30498	5.412	ug/l #	17
49) 1,4-Dioxane	9.134	88	27	1.047	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.725	63	40	15.674	ug/l #	48
76) 1,2,3-Trichloropropane	12.402	75	137027	53.663	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	137027	135.574	ug/l #	11

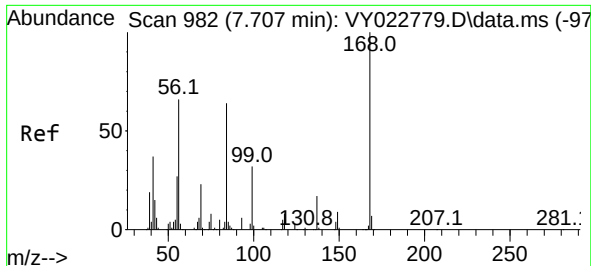
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

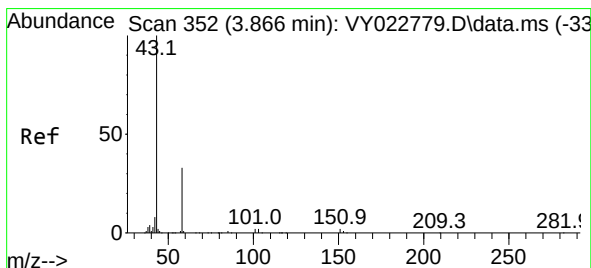
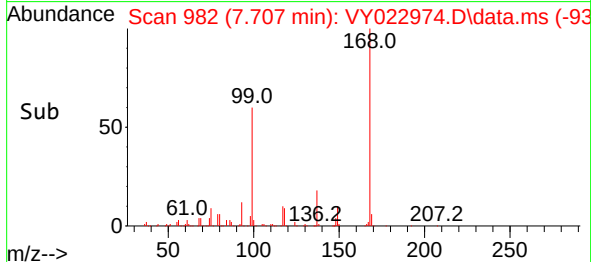
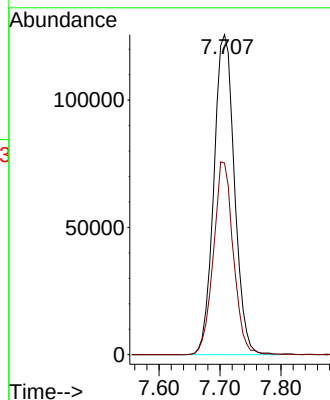
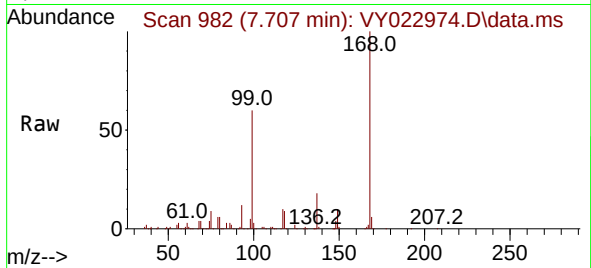




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

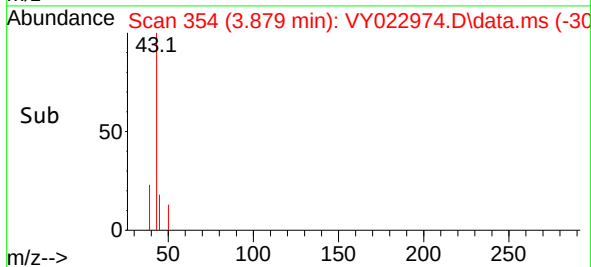
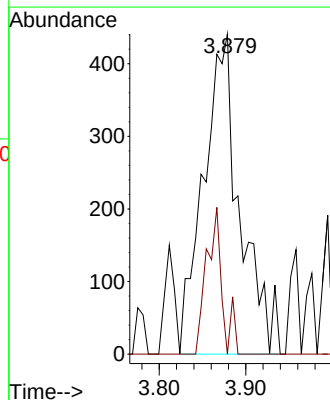
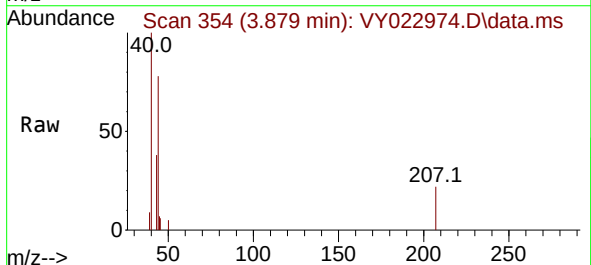
Instrument :
MSVOA_Y
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TP-106

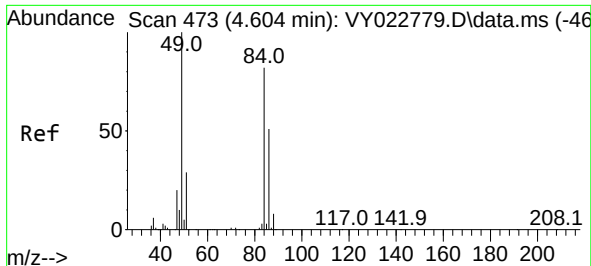
Tgt Ion:168 Resp: 295032
Ion Ratio Lower Upper
168 100
99 59.9 44.3 66.5



#16
Acetone
Concen: 2.082 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



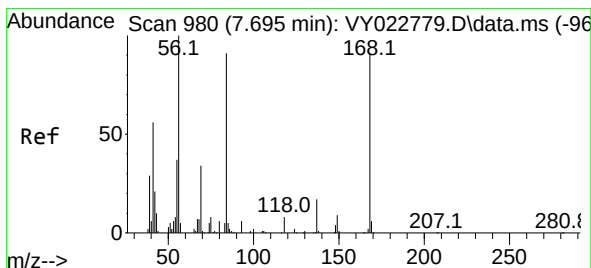
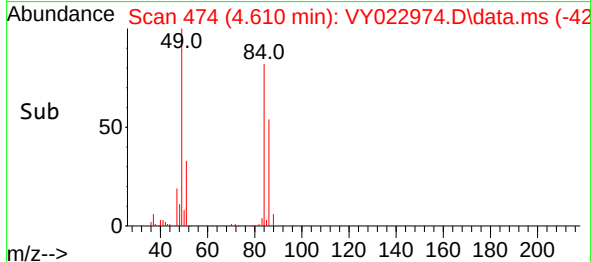
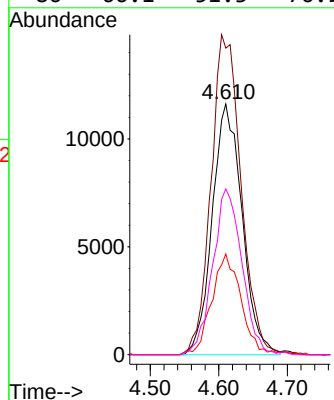
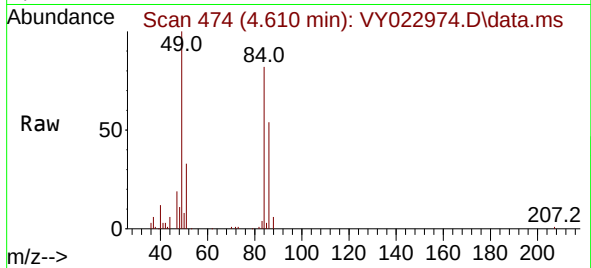


#20
Methylene Chloride
Concen: 8.944 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

Instrument :
MSVOA_Y
ClientSampleId :
TP-106

Tgt Ion: 84 Resp: 35154

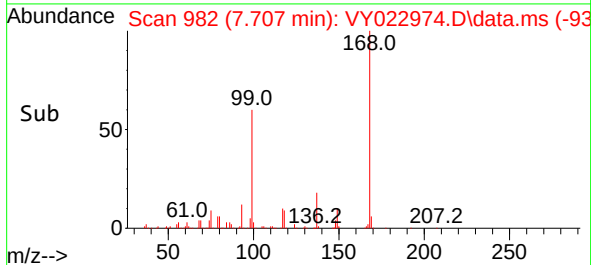
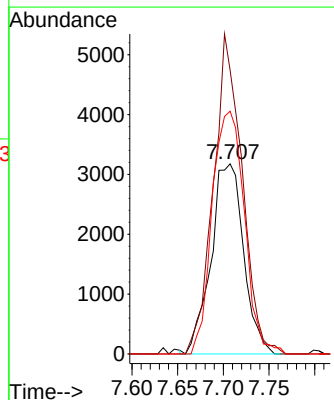
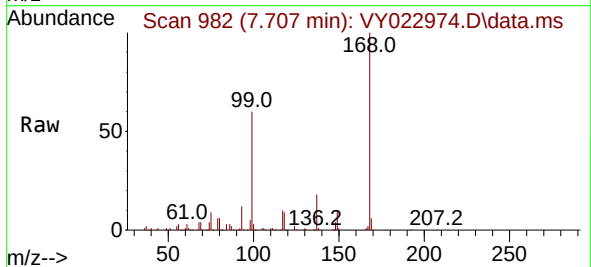
Ion	Ratio	Lower	Upper
84	100		
49	122.2	101.9	152.9
51	40.1	29.8	44.8
86	66.1	51.3	76.9

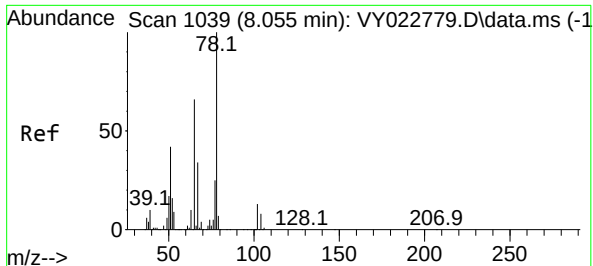


#31
Cyclohexane
Concen: 1.389 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 56 Resp: 7854

Ion	Ratio	Lower	Upper
56	100		
69	149.2	27.0	40.6#
84	127.7	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 51.251 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.012 min

Lab File: VY022974.D

Acq: 08 Jul 2025 14:40

Instrument :

MSVOA_Y

ClientSampleId :

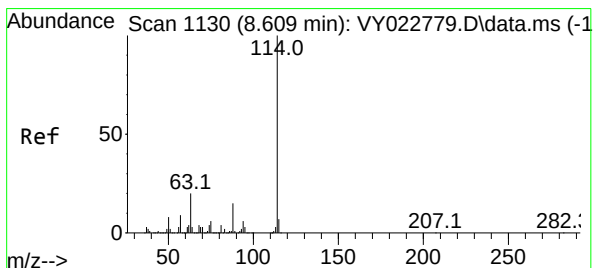
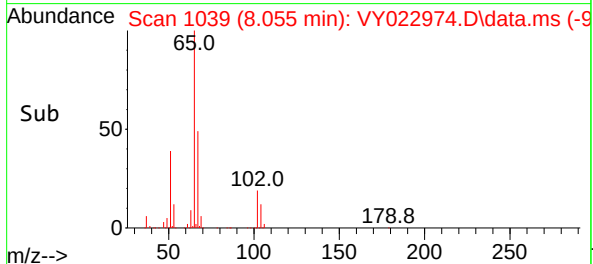
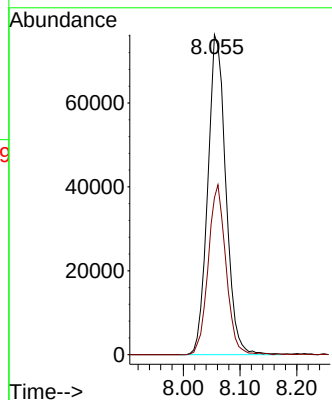
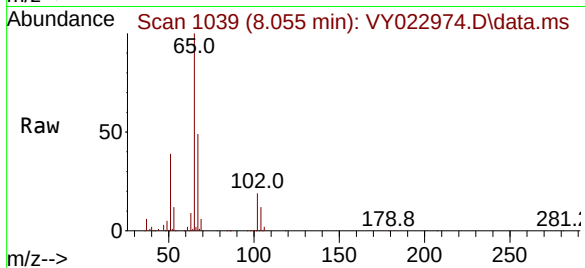
TP-106

Tgt Ion: 65 Resp: 168761

Ion Ratio Lower Upper

65 100

67 52.1 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: VY022974.D

Acq: 08 Jul 2025 14:40

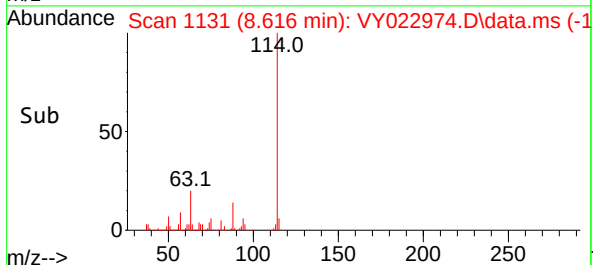
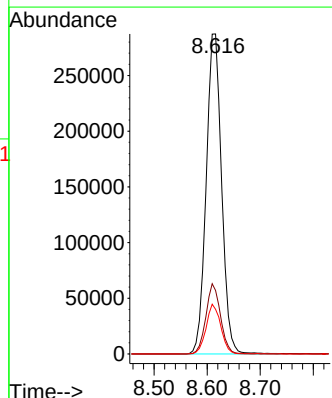
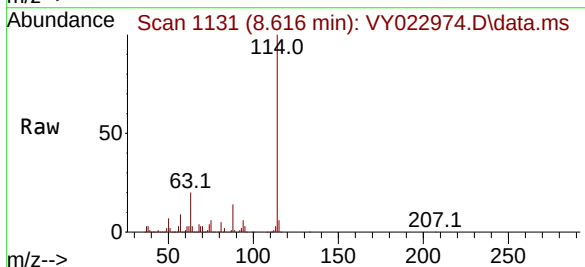
Tgt Ion: 114 Resp: 579416

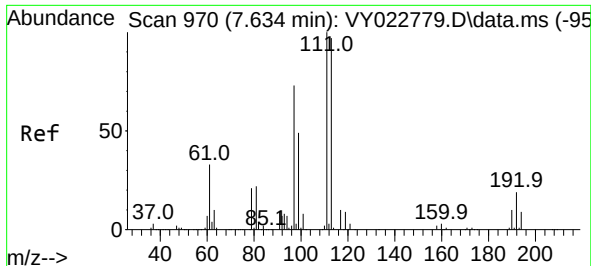
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 14.0 0.0 27.8

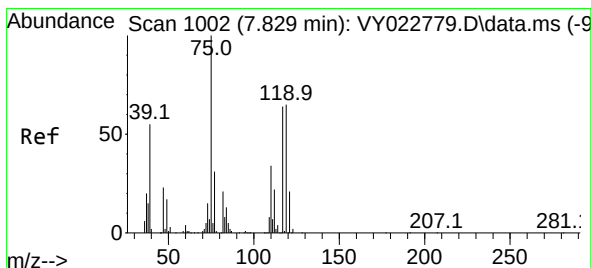
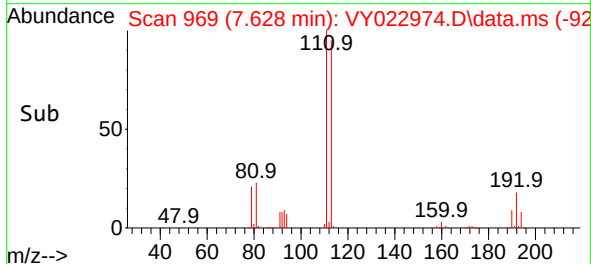
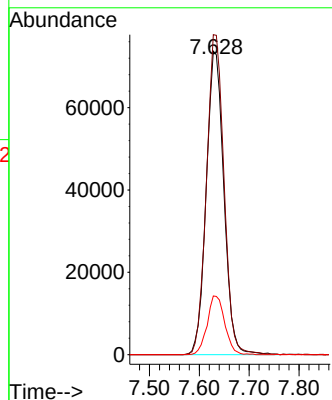
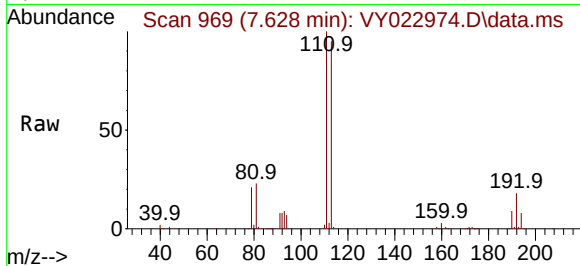




#35
Dibromofluoromethane
Concen: 51.411 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

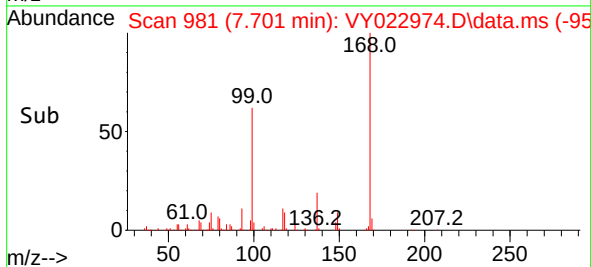
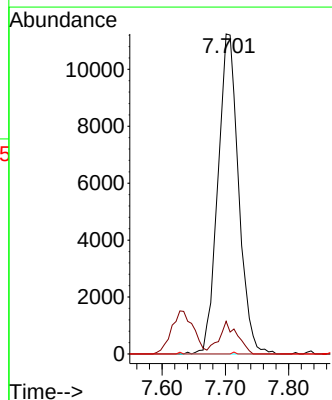
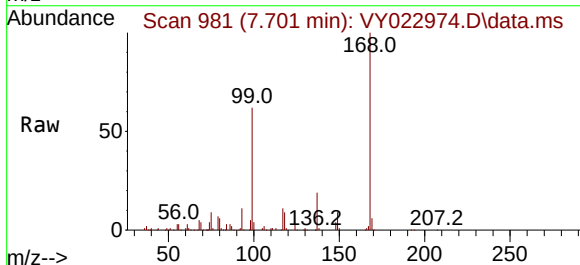
Instrument :
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TP-106

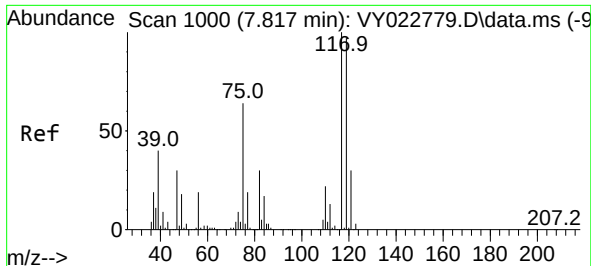
Tgt Ion:113 Resp: 181157
Ion Ratio Lower Upper
113 100
111 104.9 81.1 121.7
192 19.3 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 75 Resp: 25483
Ion Ratio Lower Upper
75 100
110 8.9 16.9 50.7#
77 0.1 24.8 37.2#

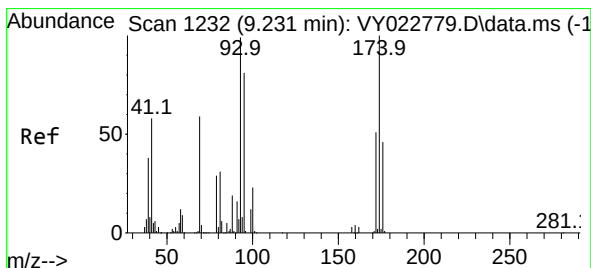
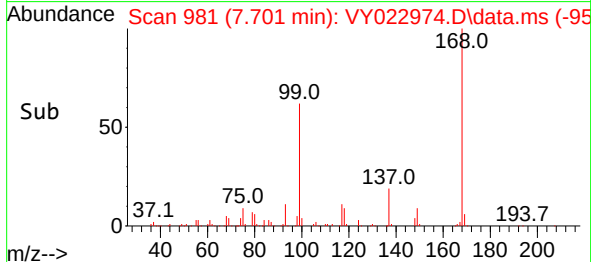
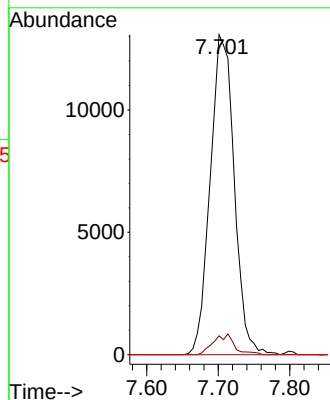
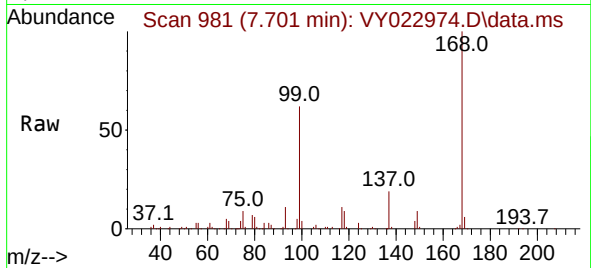




#38
Carbon Tetrachloride
Concen: 5.412 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

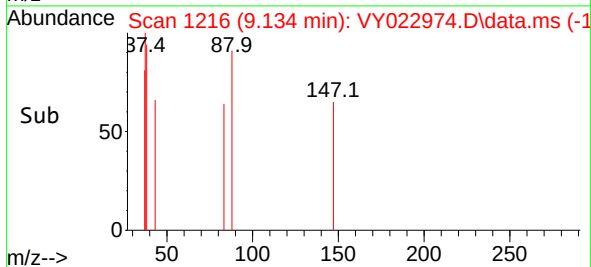
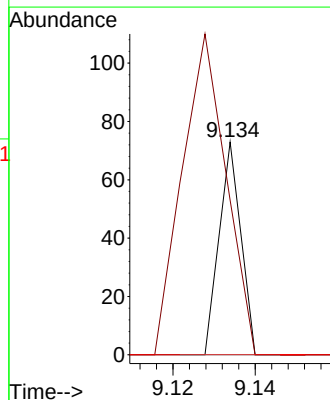
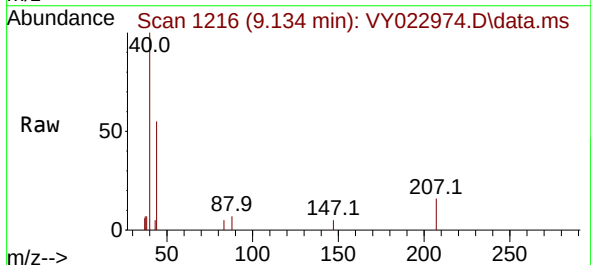
Instrument :
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ClientSampleId :
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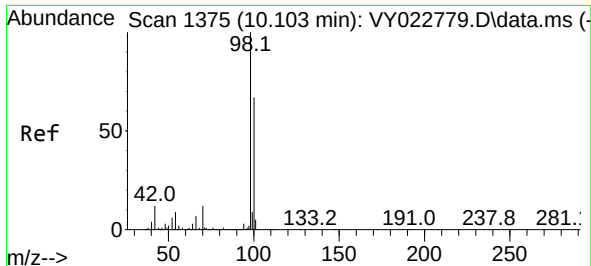
Tgt Ion:117 Resp: 30498
Ion Ratio Lower Upper
117 100
119 5.9 75.0 112.6#
121 0.0 25.0 37.4#



#49
1,4-Dioxane
Concen: 1.047 ug/l
RT: 9.134 min Scan# 1216
Delta R.T. -0.110 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 300.0 25.4 38.2#
58 0.0 54.9 82.3#

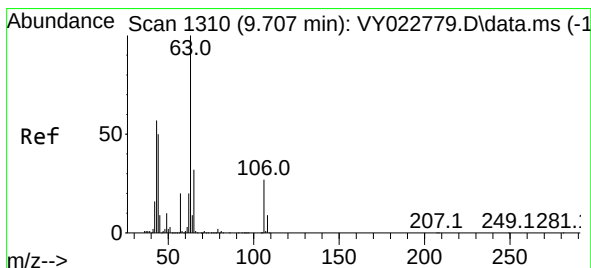
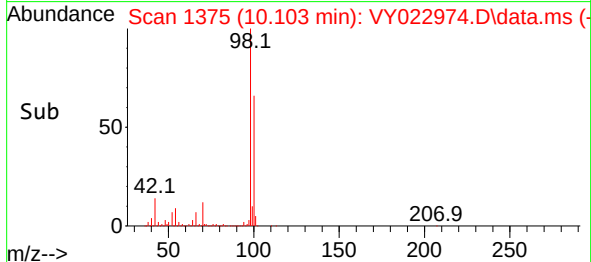
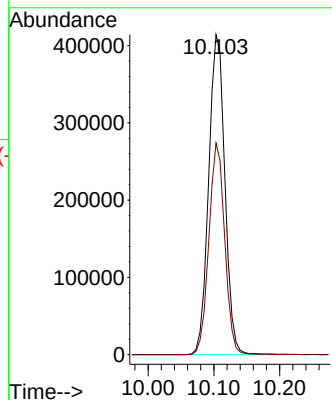
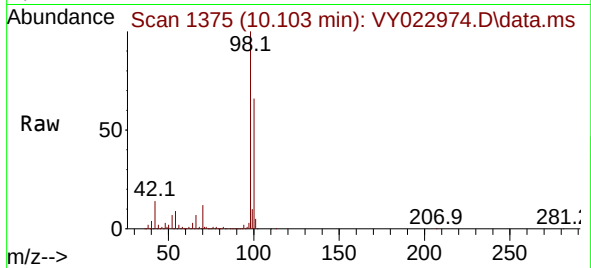




#50
Toluene-d8
Concen: 50.824 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

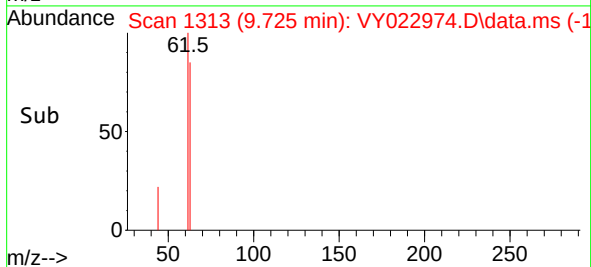
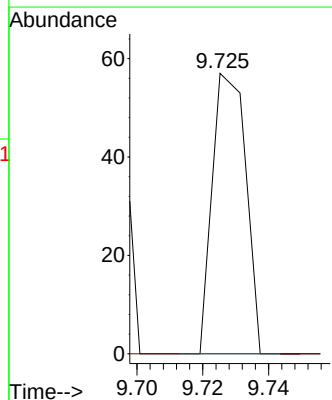
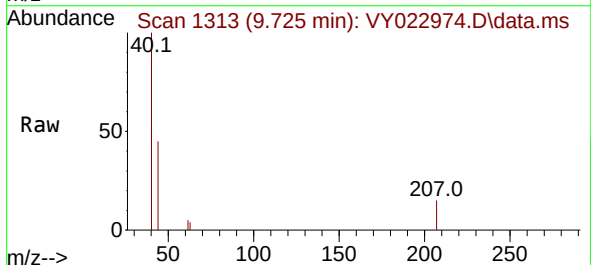
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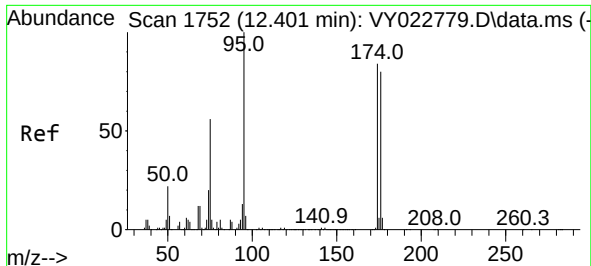
Tgt Ion: 98 Resp: 710656
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#58
2-Chloroethyl Vinyl ether
Concen: 15.674 ug/l
RT: 9.725 min Scan# 1313
Delta R.T. 0.012 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 63 Resp: 40
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#

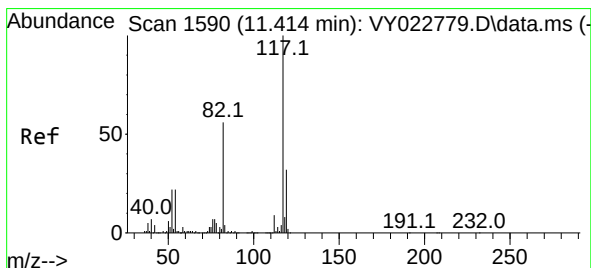
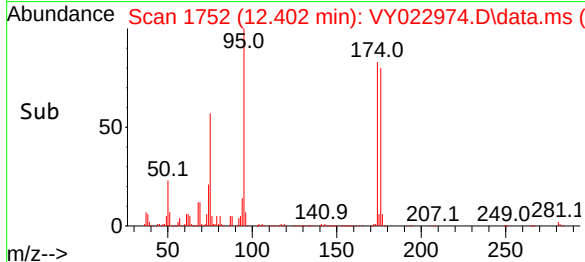
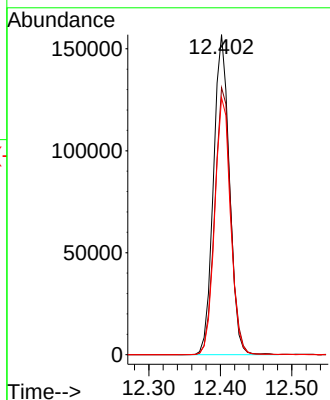
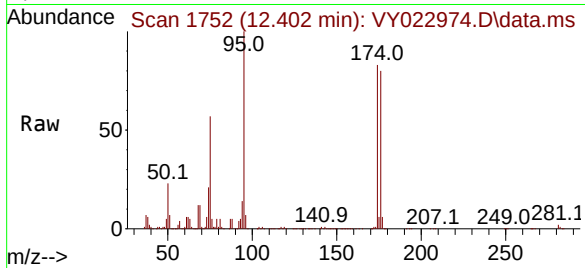




#62
4-Bromofluorobenzene
Concen: 54.131 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

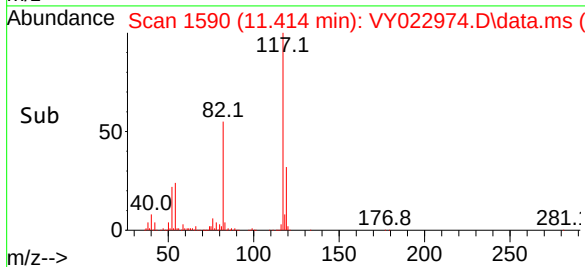
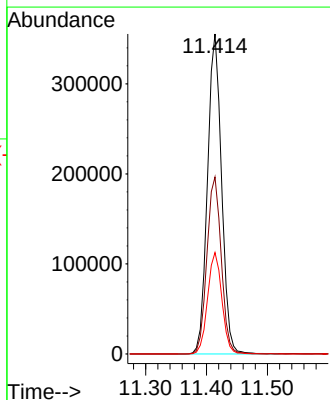
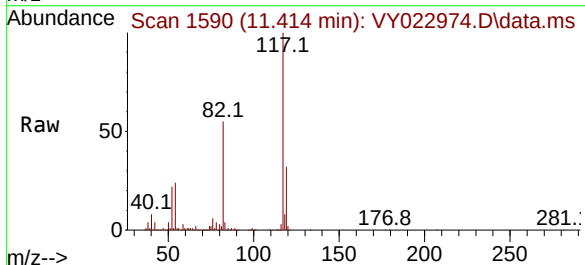
Instrument :
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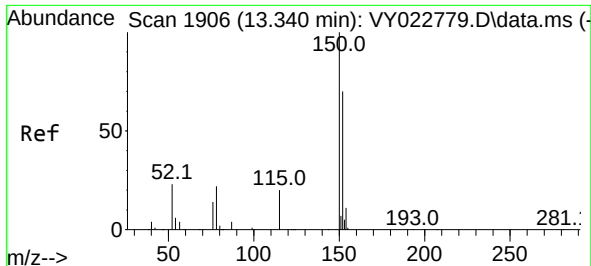
Tgt Ion: 95 Resp: 243316
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.0
176 79.7 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 117 Resp: 569839
Ion Ratio Lower Upper
117 100
82 55.3 44.6 66.8
119 31.7 25.4 38.0

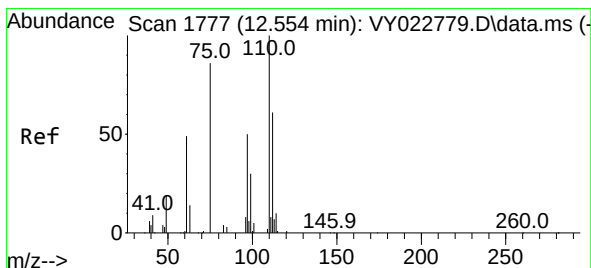
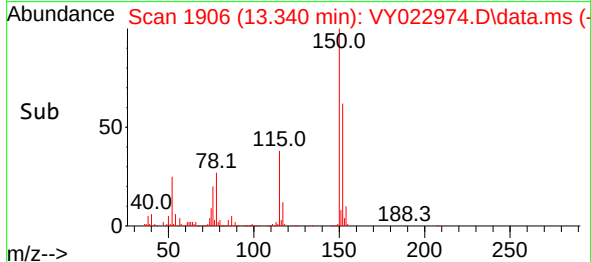
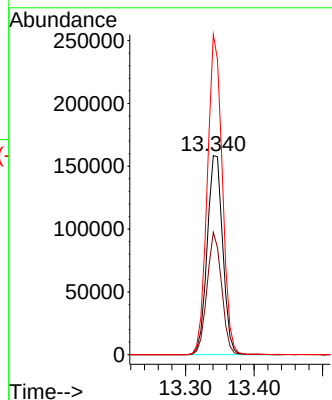
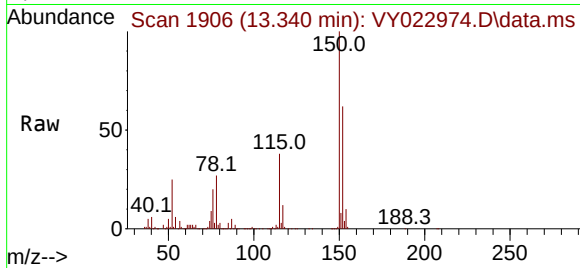




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY022974.D
 Acq: 08 Jul 2025 14:40

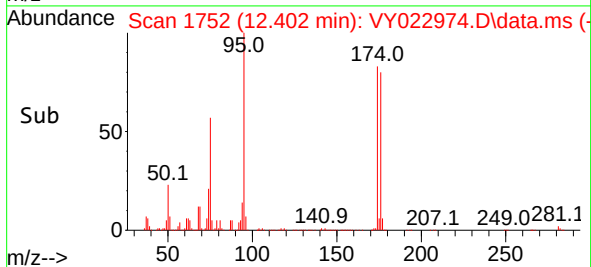
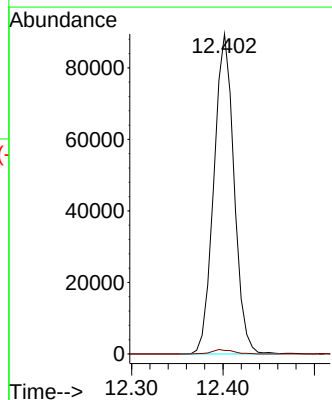
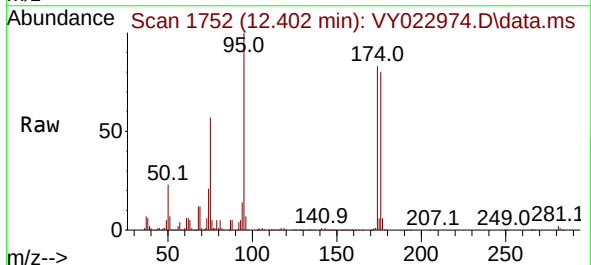
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-106

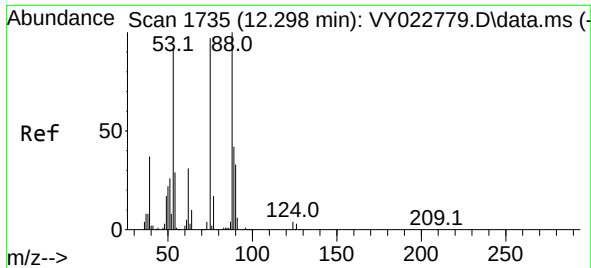
Tgt Ion:152 Resp: 250116
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.9 86.7
 150 154.8 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 53.663 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY022974.D
 Acq: 08 Jul 2025 14:40

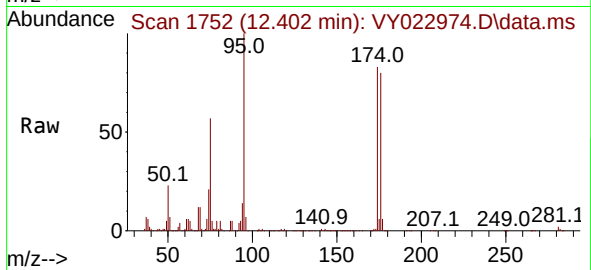
Tgt Ion: 75 Resp: 137027
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 135.574 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY022974.D
Acq: 08 Jul 2025 14:40

Instrument :
MSVOA_Y
ClientSampleId :
TP-106



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

