

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
 Data File : VY022976.D
 Acq On : 08 Jul 2025 15:26
 Operator : SY/MD
 Sample : Q2514-04
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-96

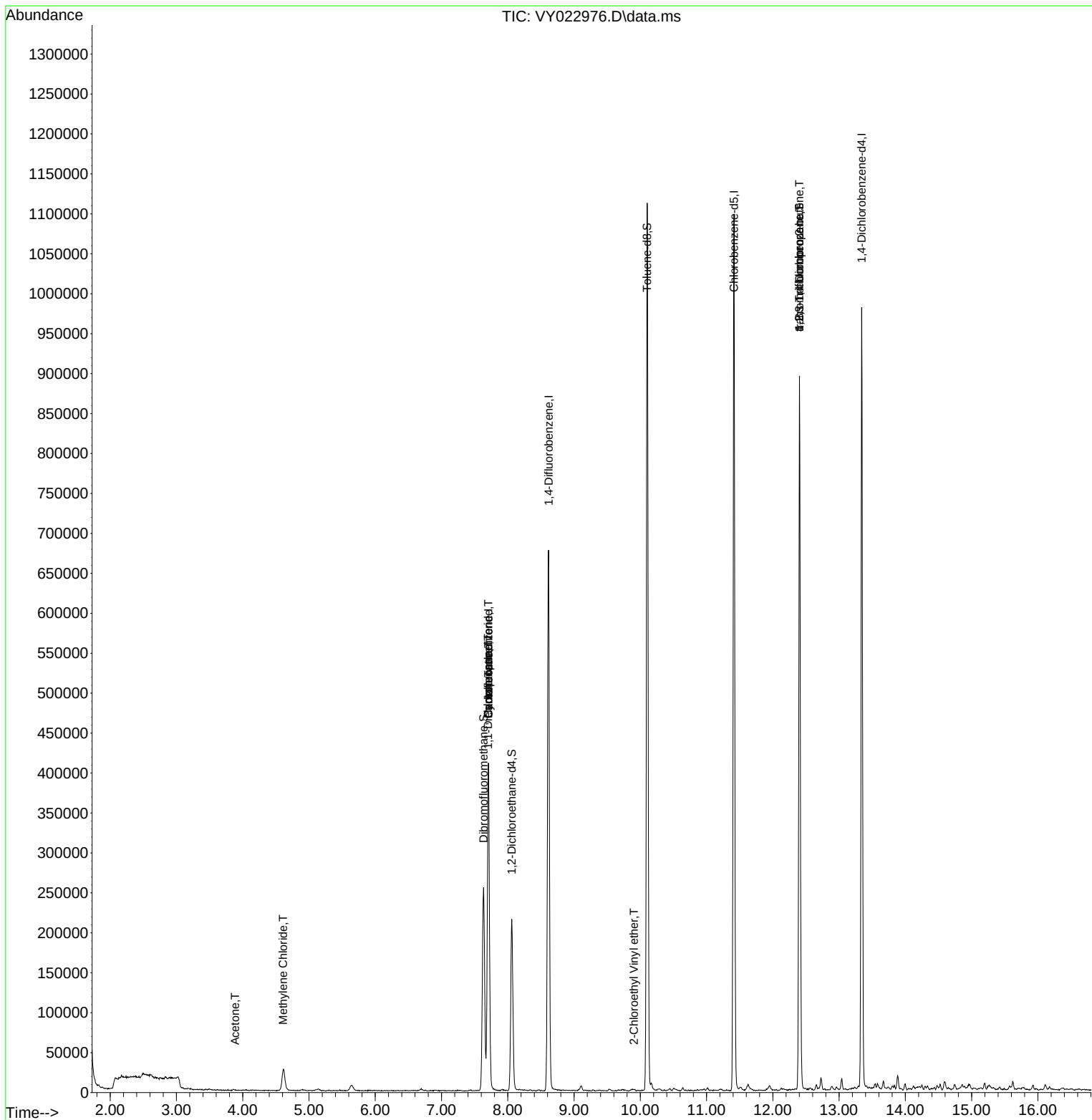
Quant Time: Jul 09 02:32:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

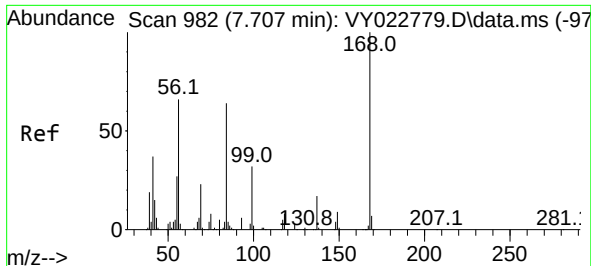
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	295080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	566250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	555076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	231819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	168188	51.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.140%	
35) Dibromofluoromethane	7.634	113	180760	52.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.980%	
50) Toluene-d8	10.103	98	701358	51.325	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.401	95	236891	53.927	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.860%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	1276	2.050	ug/l #	88
20) Methylene Chloride	4.610	84	19179	4.879	ug/l	95
31) Cyclohexane	7.707	56	8352	1.476	ug/l #	52
36) 1,1-Dichloropropene	7.701	75	25286	4.844	ug/l #	51
38) Carbon Tetrachloride	7.707	117	31059	5.639	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.902	63	22	15.666	ug/l #	48
76) 1,2,3-Trichloropropane	12.401	75	134949	57.021	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	134949	144.056	ug/l #	11

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

Quant Time: Jul 09 02:32:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
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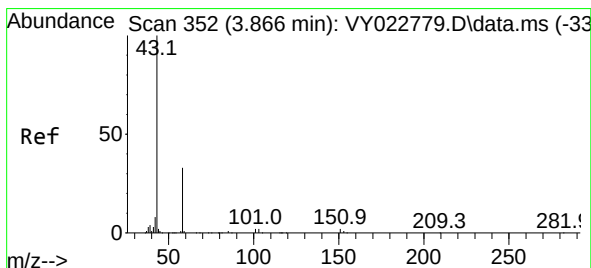
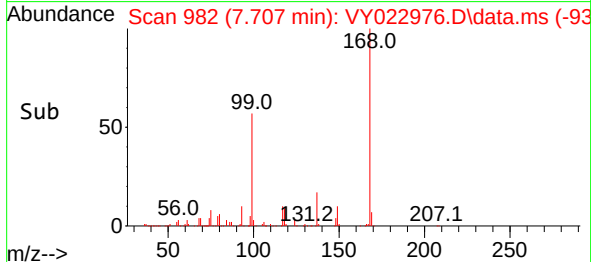
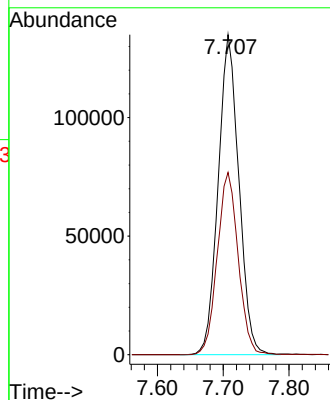
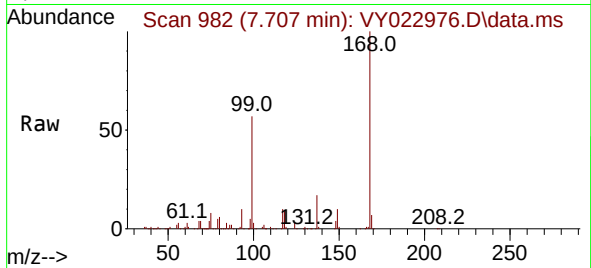




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

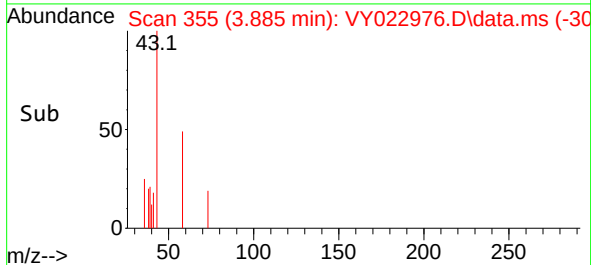
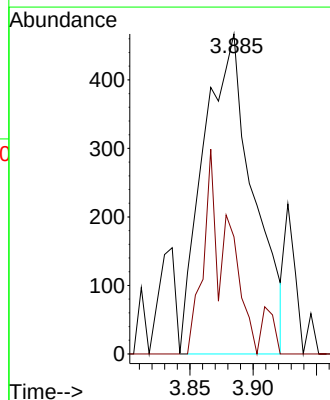
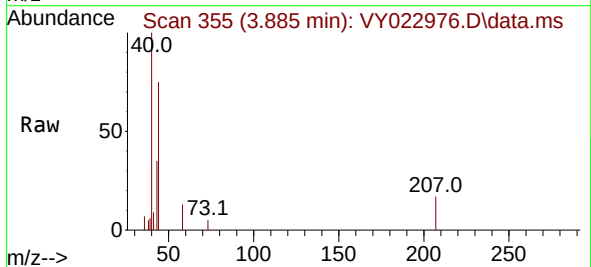
Instrument :
MSVOA_Y
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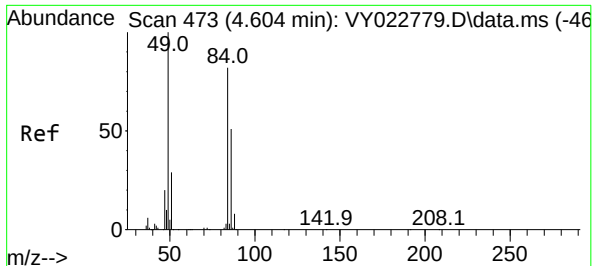
Tgt Ion:168 Resp: 295080
Ion Ratio Lower Upper
168 100
99 57.0 44.3 66.5



#16
Acetone
Concen: 2.050 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
58 36.6 24.0 36.0#



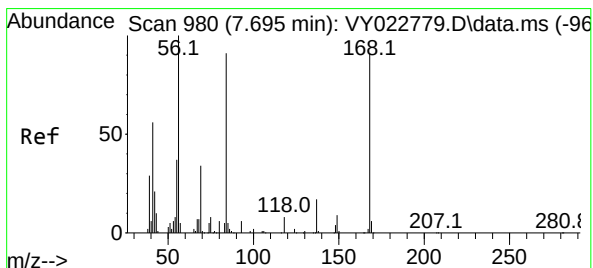
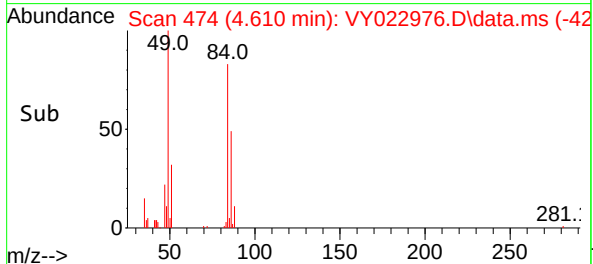
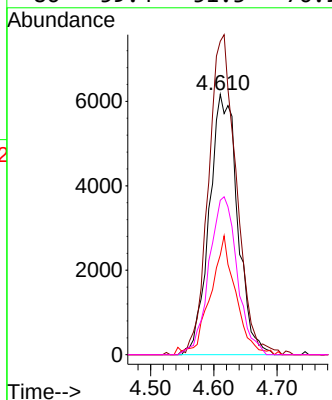
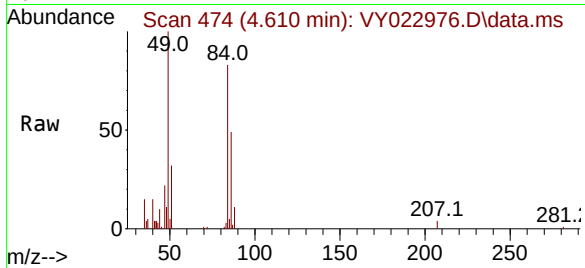


#20
Methylene Chloride
Concen: 4.879 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

Instrument :
MSVOA_Y
ClientSampleId :
TP-96

Tgt Ion: 84 Resp: 19179

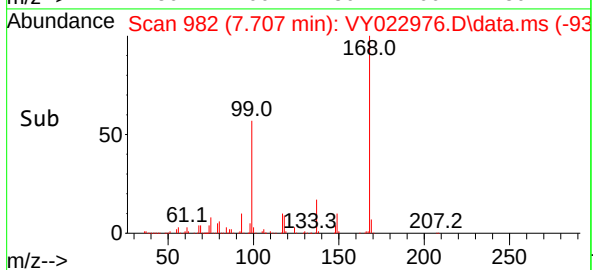
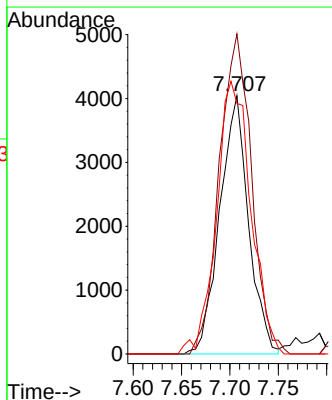
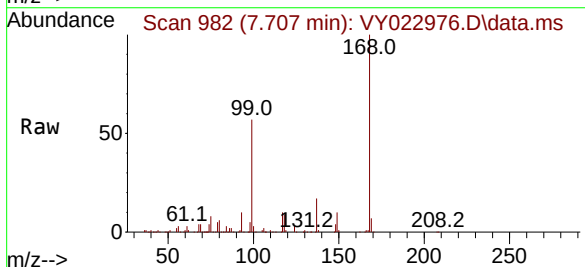
Ion	Ratio	Lower	Upper
84	100		
49	120.5	101.9	152.9
51	37.1	29.8	44.8
86	59.4	51.3	76.9

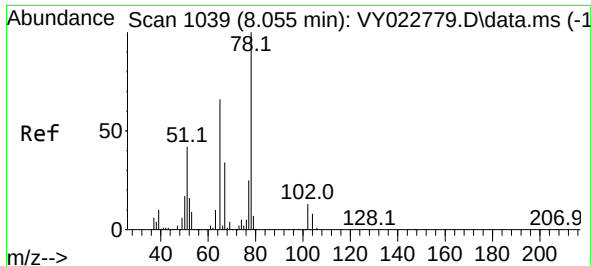


#31
Cyclohexane
Concen: 1.476 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

Tgt Ion: 56 Resp: 8352

Ion	Ratio	Lower	Upper
56	100		
69	123.9	27.0	40.6#
84	97.0	72.6	109.0





#33

1,2-Dichloroethane-d4

Concen: 51.068 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022976.D

Acq: 08 Jul 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

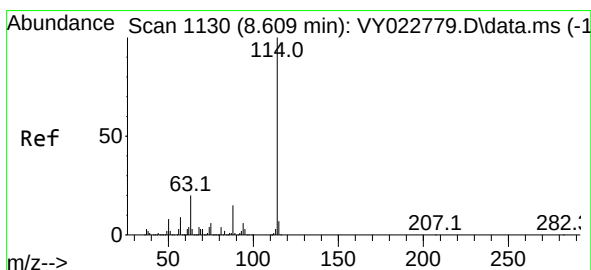
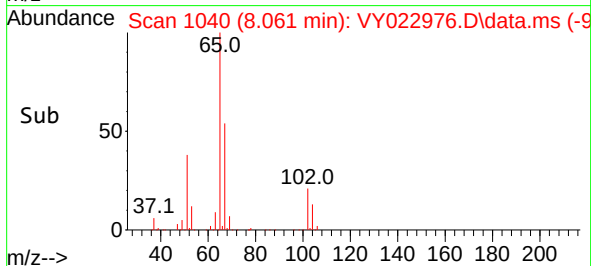
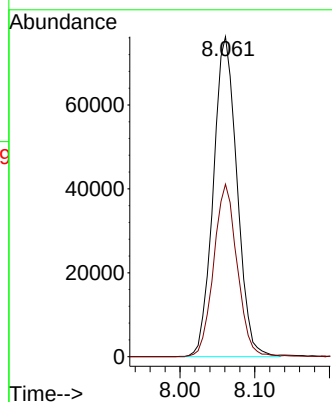
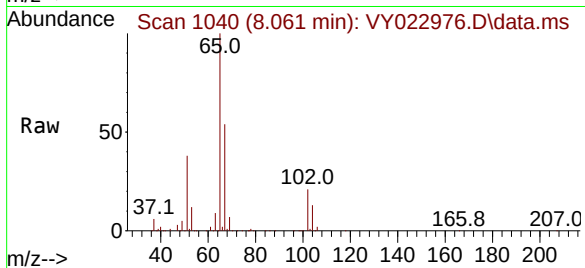
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Tgt Ion: 65 Resp: 168188

Ion Ratio Lower Upper

65 100

67 53.6 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: VY022976.D

Acq: 08 Jul 2025 15:26

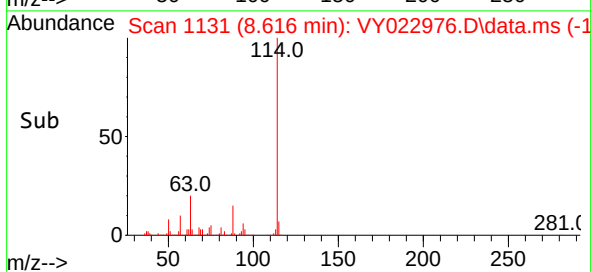
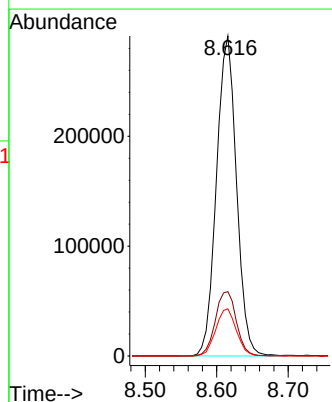
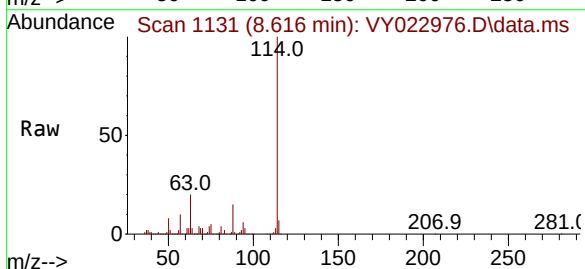
Tgt Ion: 114 Resp: 566250

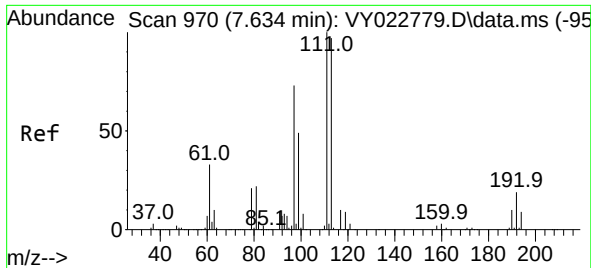
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 14.8 0.0 27.8

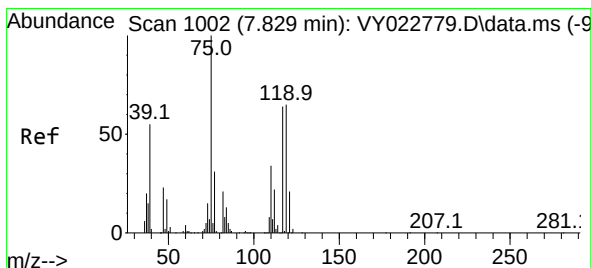
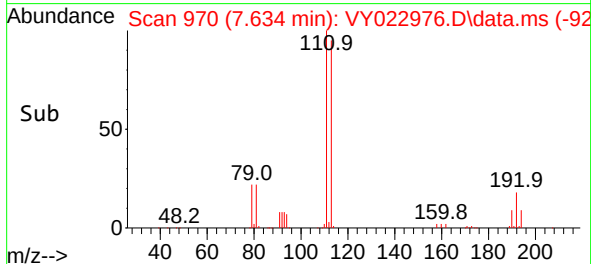
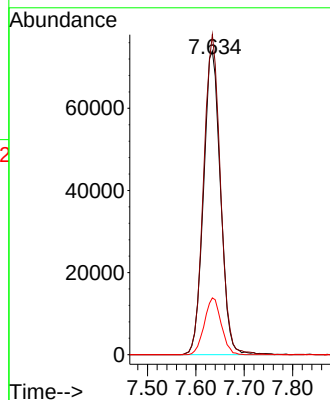
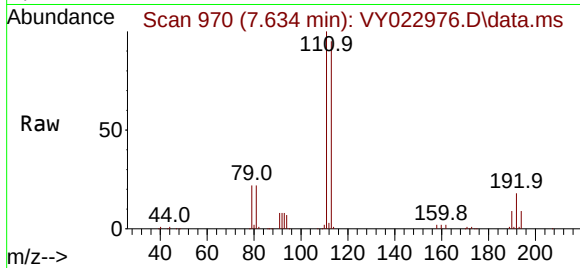




#35
Dibromofluoromethane
Concen: 52.491 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

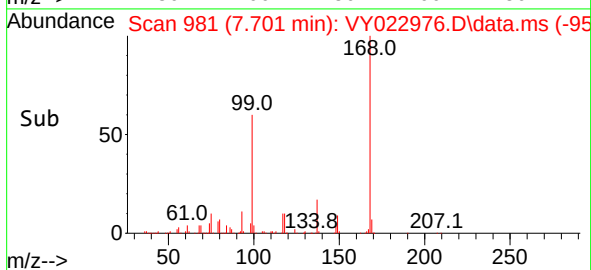
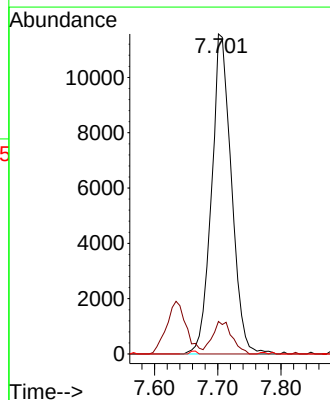
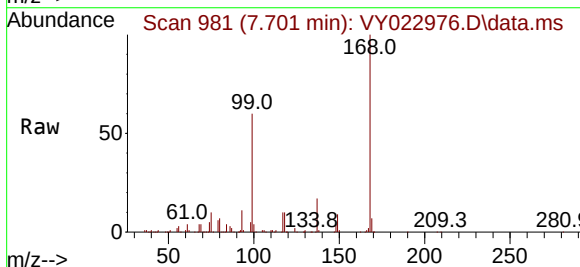
Instrument :
MSVOA_Y
ClientSampleId :
TP-96

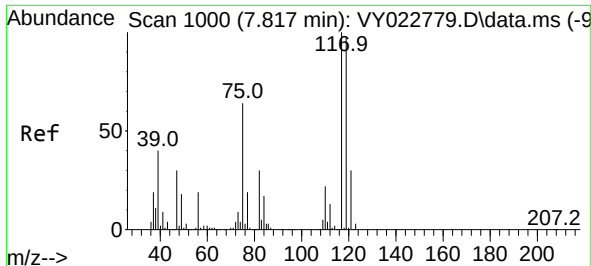
Tgt Ion:113 Resp: 180760
Ion Ratio Lower Upper
113 100
111 103.8 81.1 121.7
192 18.6 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.844 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

Tgt Ion: 75 Resp: 25286
Ion Ratio Lower Upper
75 100
110 10.0 16.9 50.7#
77 0.0 24.8 37.2#

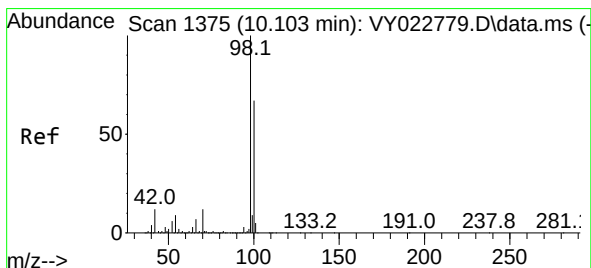
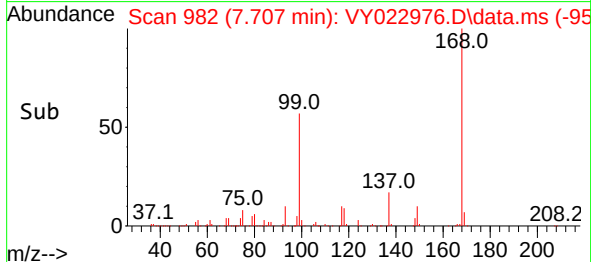
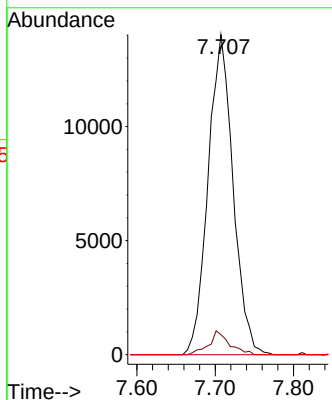
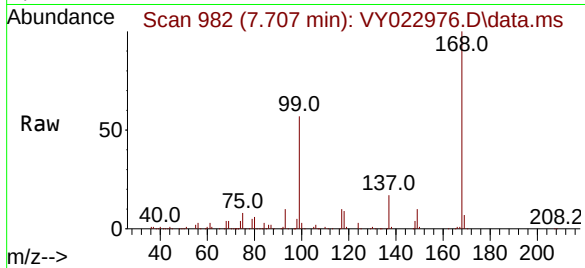




#38
Carbon Tetrachloride
Concen: 5.639 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

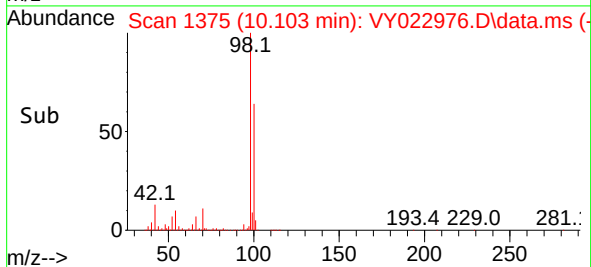
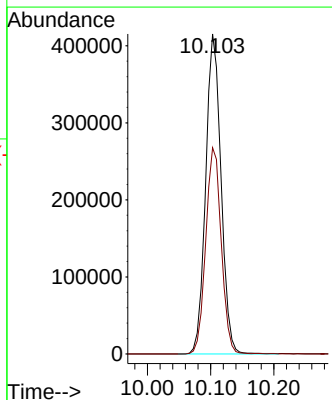
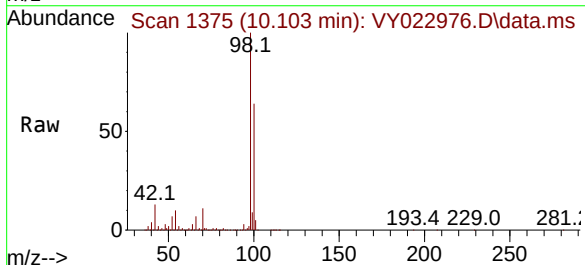
Instrument :
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ClientSampleId :
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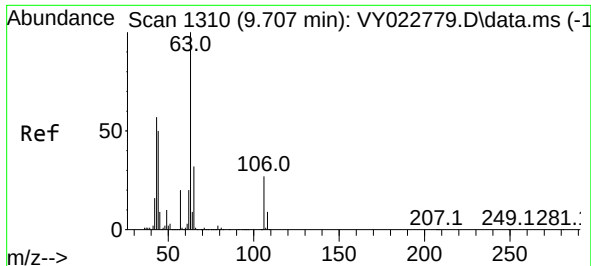
Tgt Ion:117 Resp: 31059
Ion Ratio Lower Upper
117 100
119 6.3 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 51.325 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

Tgt Ion: 98 Resp: 701358
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0

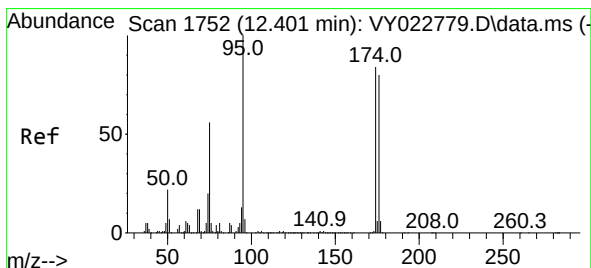
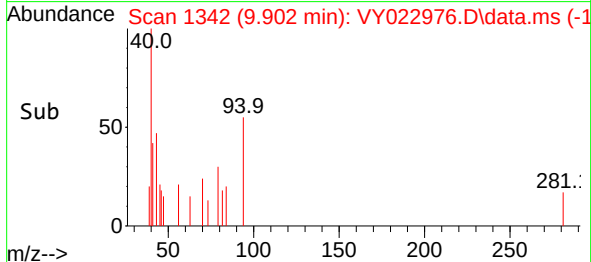
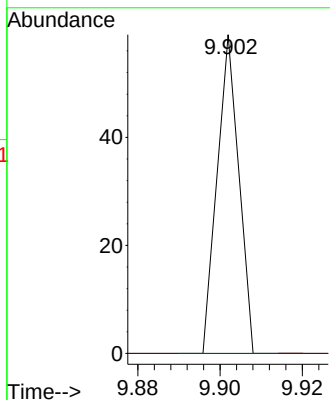
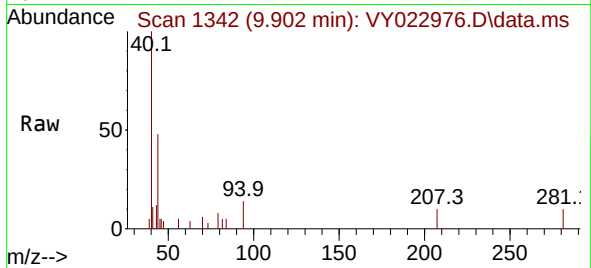




#58
2-Chloroethyl Vinyl ether
Concen: 15.666 ug/l
RT: 9.902 min Scan# 11
Delta R.T. 0.189 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

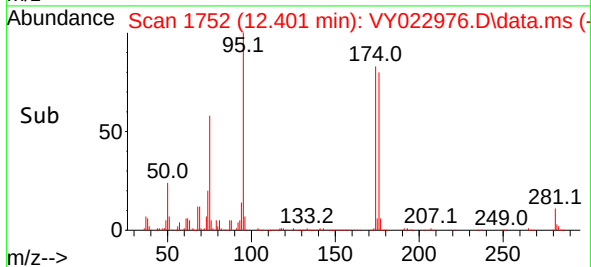
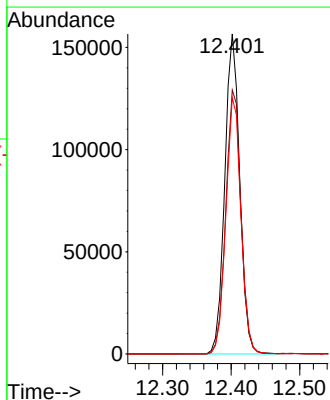
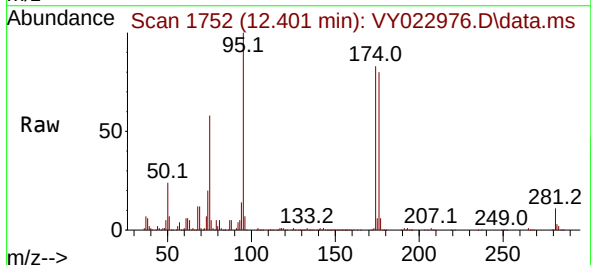
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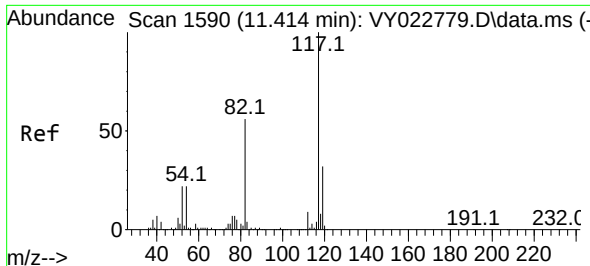
Tgt Ion: 63 Resp: 22
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#62
4-Bromofluorobenzene
Concen: 53.927 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

Tgt Ion: 95 Resp: 236891
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.0
176 80.5 0.0 166.2

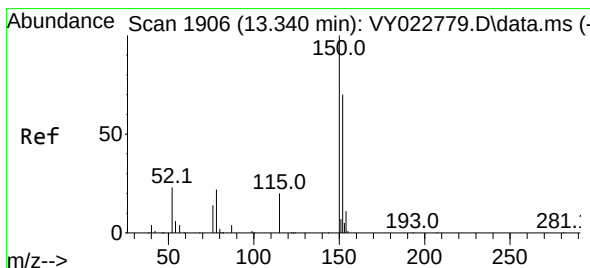
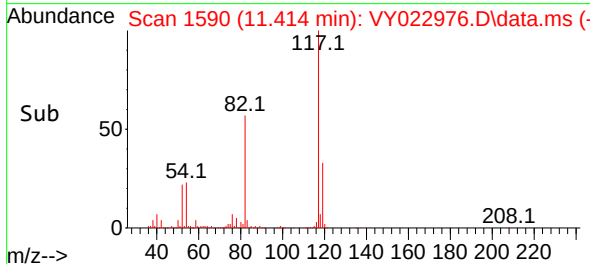
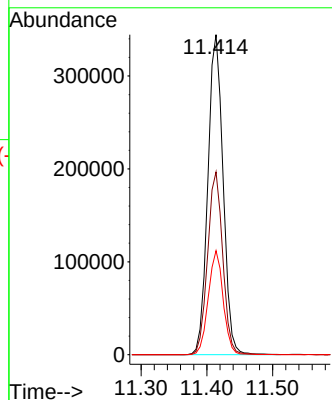
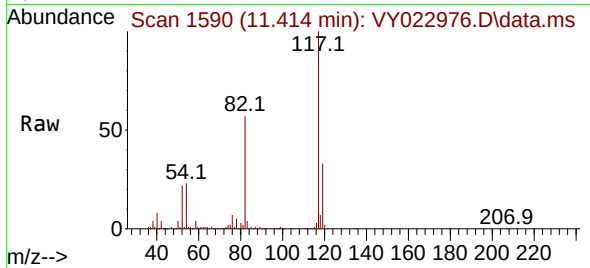




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

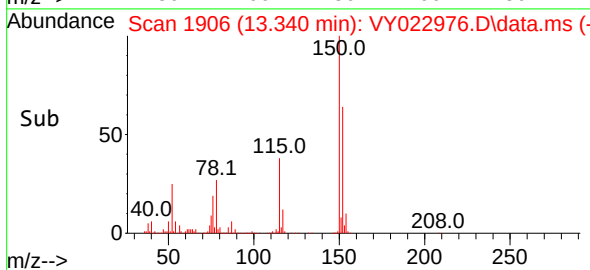
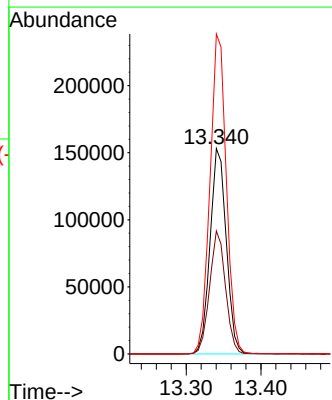
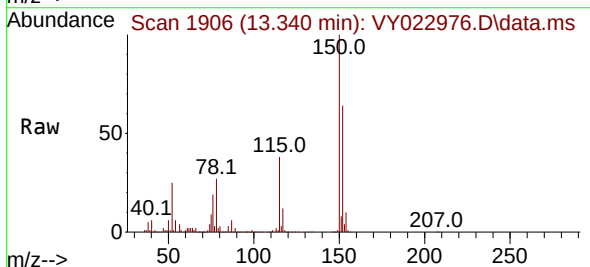
Instrument :
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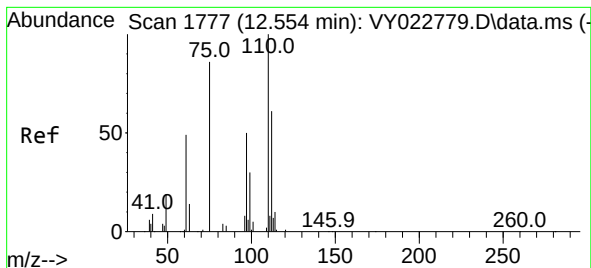
Tgt Ion:117 Resp: 555076
Ion Ratio Lower Upper
117 100
82 57.1 44.6 66.8
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022976.D
Acq: 08 Jul 2025 15:26

Tgt Ion:152 Resp: 231819
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.7
150 156.6 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 57.021 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.153 min

Lab File: VY022976.D

Acq: 08 Jul 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

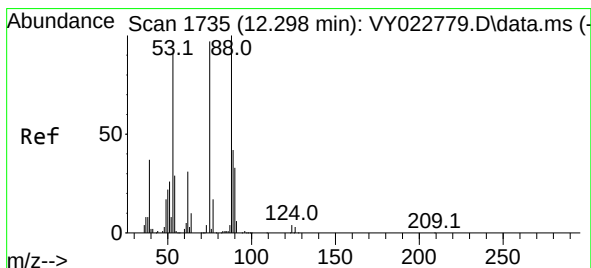
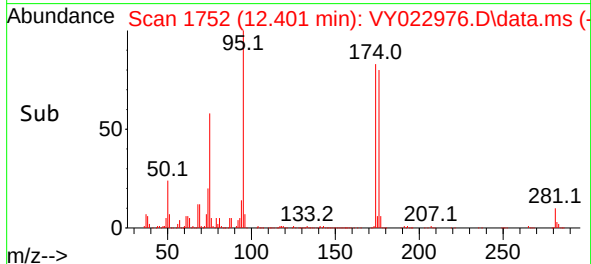
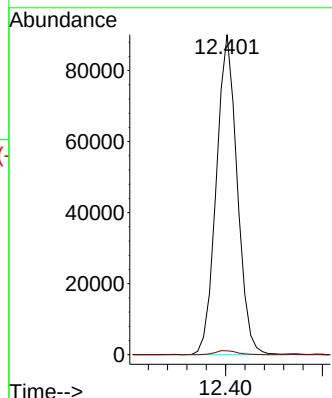
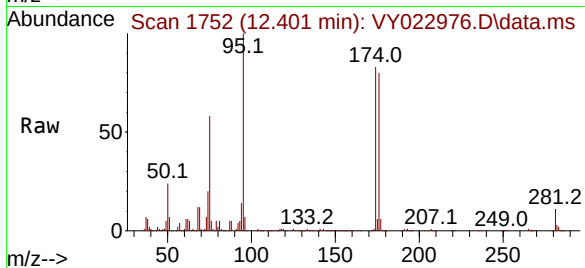
TP-96

Tgt Ion: 75 Resp: 134949

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 144.056 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.097 min

Lab File: VY022976.D

Acq: 08 Jul 2025 15:26

Tgt Ion: 75 Resp: 134949

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.3 35.7 53.5#

