

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021978.D
 Acq On : 23 Apr 2025 17:47
 Operator : SY/MD
 Sample : Q1858-01
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

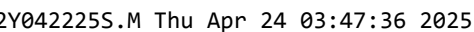
Quant Time: Apr 24 03:47:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

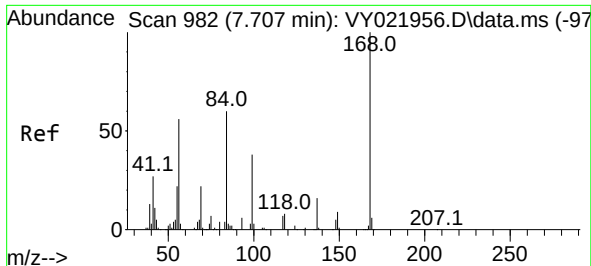
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	320456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	605358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	542247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	216405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	164141	55.453	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.900%	
35) Dibromofluoromethane	7.634	113	201146	50.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.600%	
50) Toluene-d8	10.103	98	732703	48.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.200%	
62) 4-Bromofluorobenzene	12.402	95	213063	41.977	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.960%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	1818	Below Cal	#	86
31) Cyclohexane	7.707	56	5985	1.223	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	23603	4.394	ug/l #	48
38) Carbon Tetrachloride	7.707	117	31472	4.903	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	2616	1.347	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	104290	56.263	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	104290	135.490	ug/l #	16

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

Quant Time: Apr 24 03:47:30 2025
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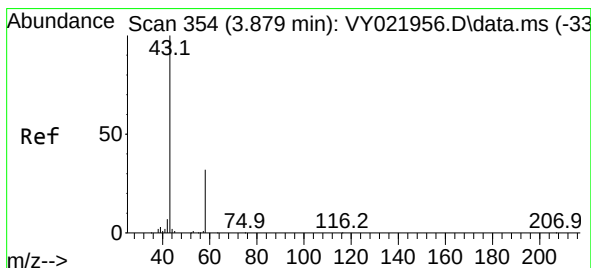
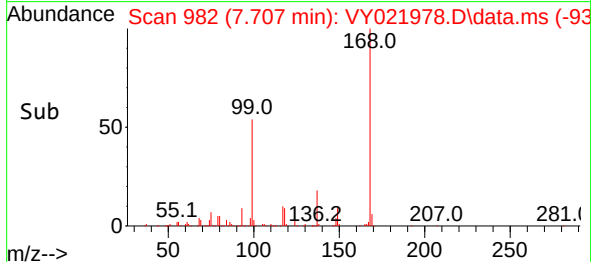
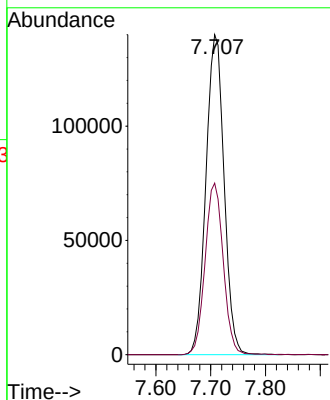
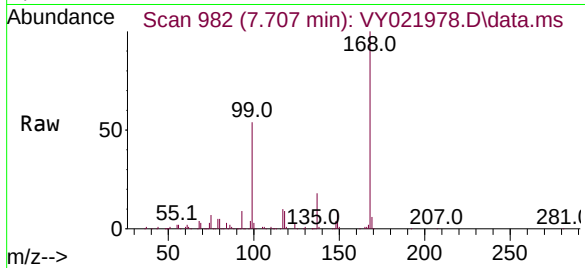




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021978.D
Acq: 23 Apr 2025 17:47

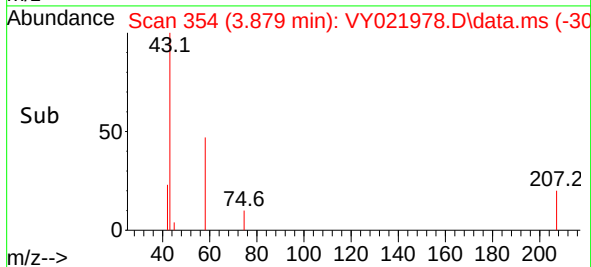
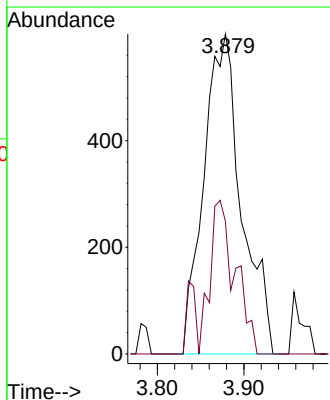
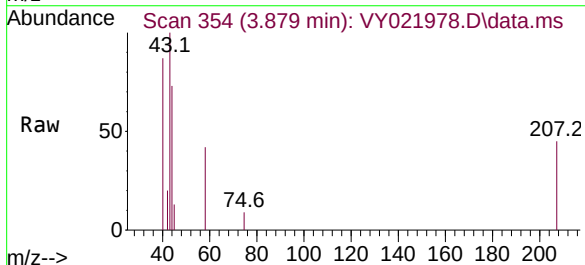
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ClientSampleId :
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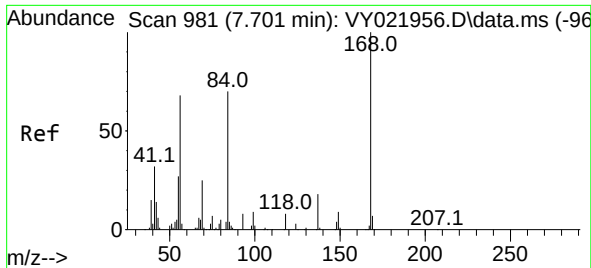
Tgt Ion:168 Resp: 320456
Ion Ratio Lower Upper
168 100
99 53.6 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021978.D
Acq: 23 Apr 2025 17:47

Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
58 41.5 27.0 40.4#

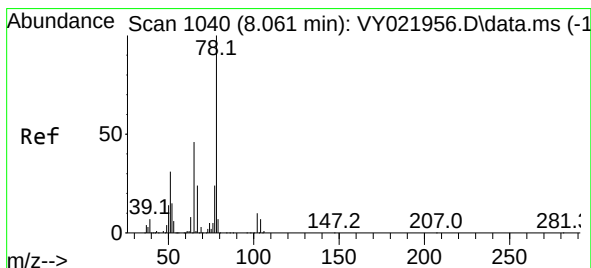
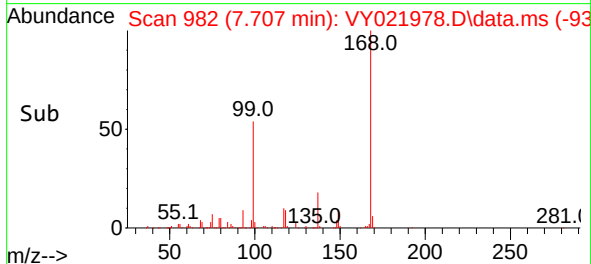
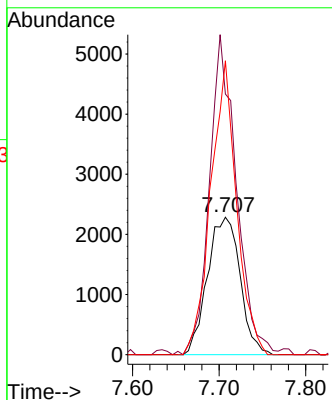
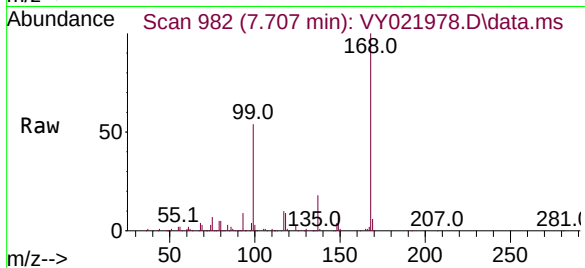




#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021978.D
Acq: 23 Apr 2025 17:47

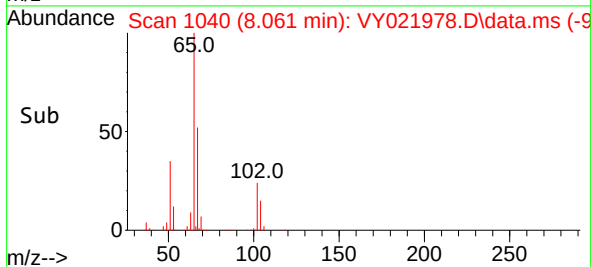
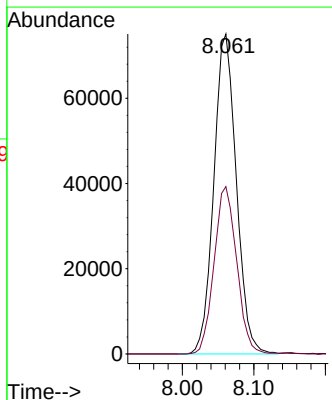
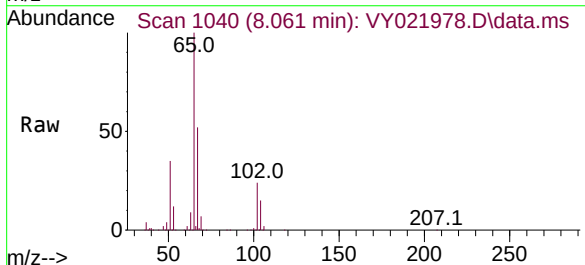
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ClientSampleId :
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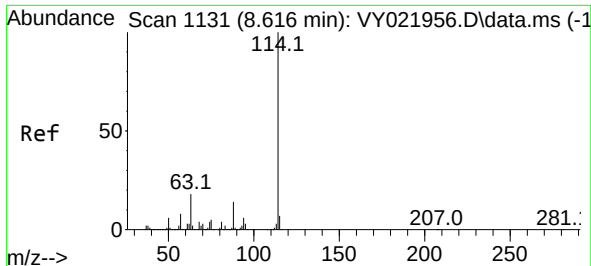
Tgt Ion: 56 Resp: 5985
Ion Ratio Lower Upper
56 100
69 187.3 29.4 44.2#
84 214.0 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 55.453 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021978.D
Acq: 23 Apr 2025 17:47

Tgt Ion: 65 Resp: 164141
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021978.D

Acq: 23 Apr 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

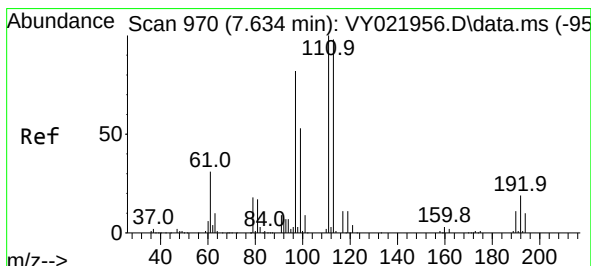
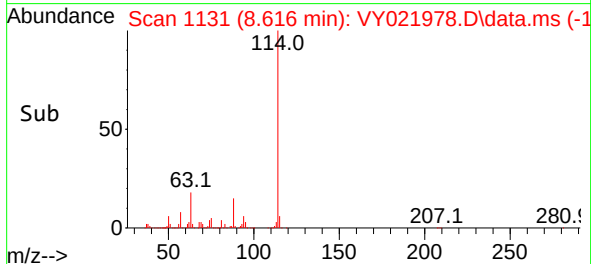
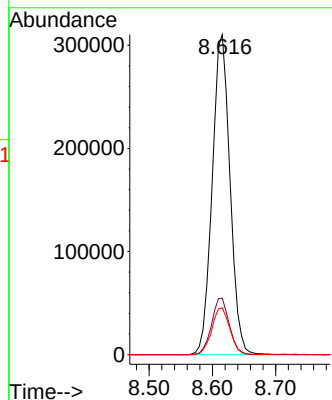
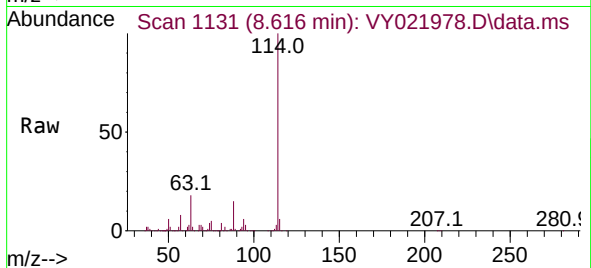
Tgt Ion:114 Resp: 605358

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.4

88 14.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.295 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY021978.D

Acq: 23 Apr 2025 17:47

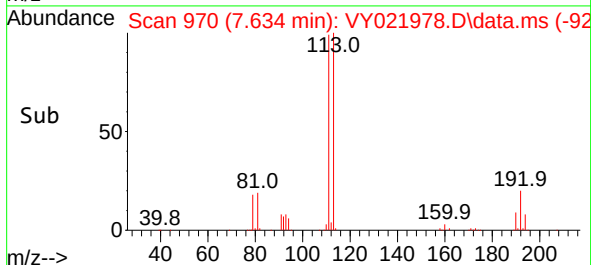
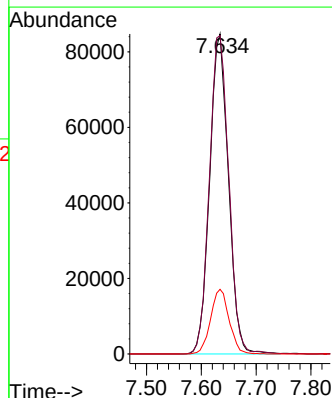
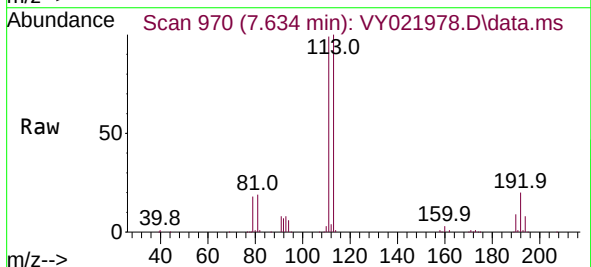
Tgt Ion:113 Resp: 201146

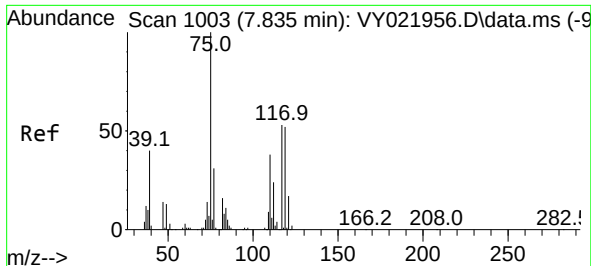
Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

192 19.9 15.6 23.4

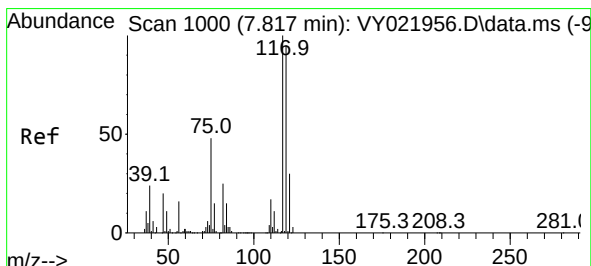
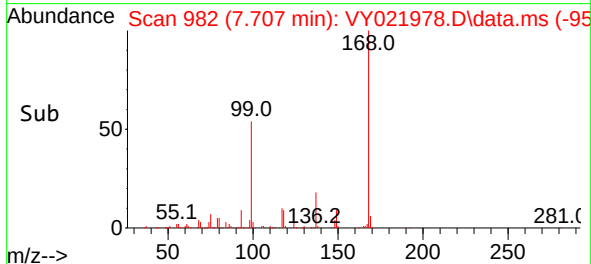
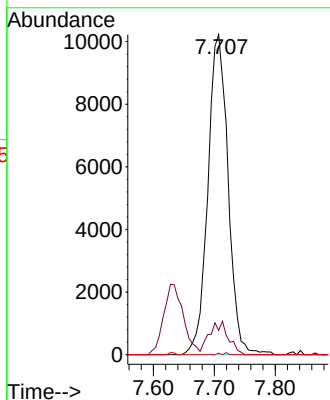
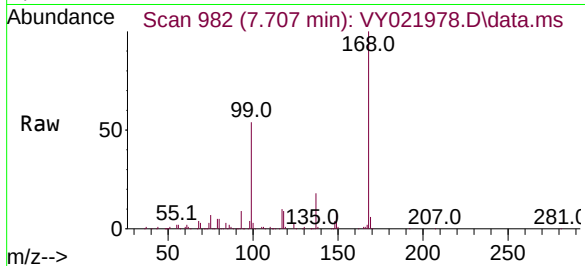




#36
 1,1-Dichloropropene
 Concen: 4.394 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY021978.D
 Acq: 23 Apr 2025 17:47

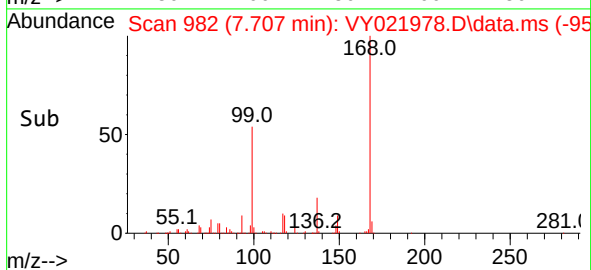
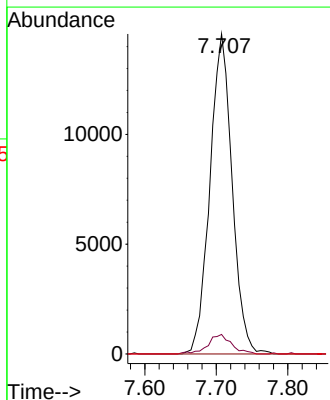
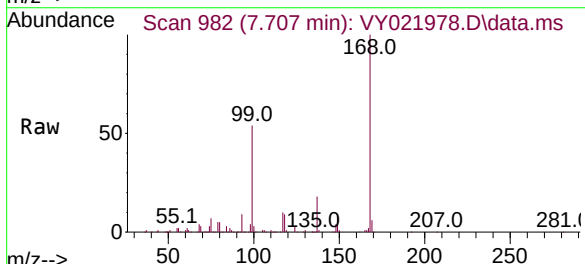
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 ClientSampleId :
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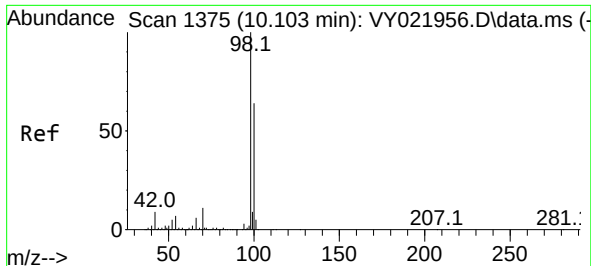
Tgt Ion: 75 Resp: 23603
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.1 57.3#
 77 0.1 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 4.903 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY021978.D
 Acq: 23 Apr 2025 17:47

Tgt Ion: 117 Resp: 31472
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.2 114.4#
 121 0.0 24.0 36.0#

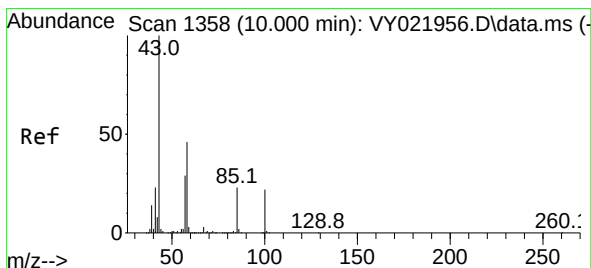
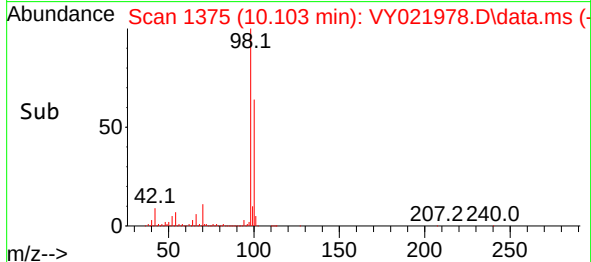
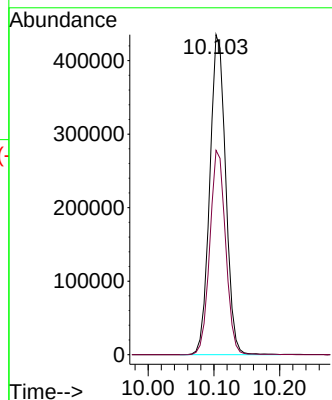
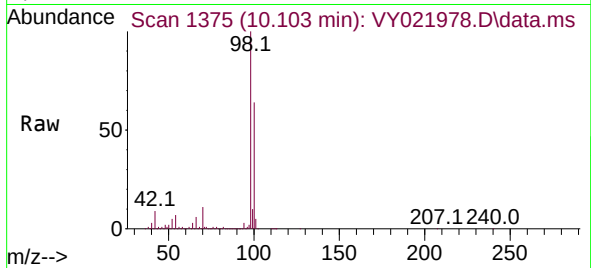




#50
Toluene-d8
Concen: 48.596 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY021978.D
Acq: 23 Apr 2025 17:47

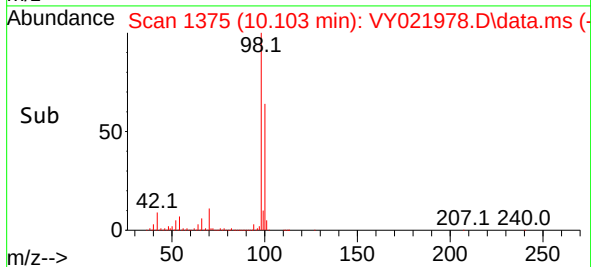
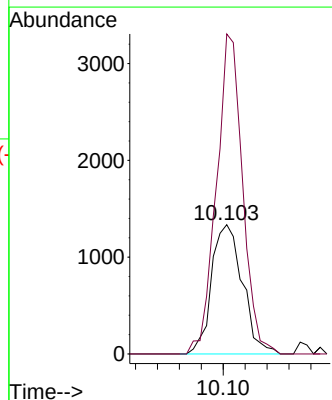
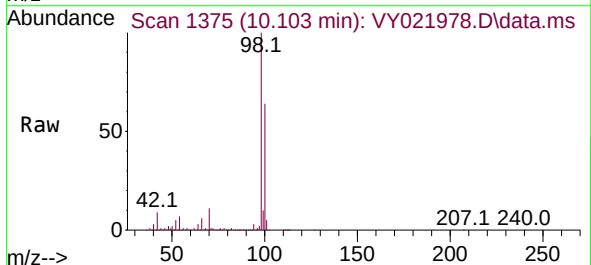
Instrument :
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ClientSampleId :
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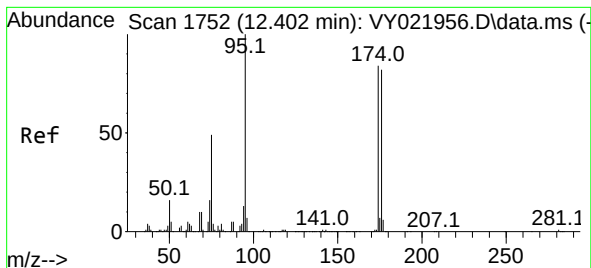
Tgt Ion: 98 Resp: 732703
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.347 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY021978.D
Acq: 23 Apr 2025 17:47

Tgt Ion: 43 Resp: 2616
Ion Ratio Lower Upper
43 100
58 210.1 36.6 55.0#

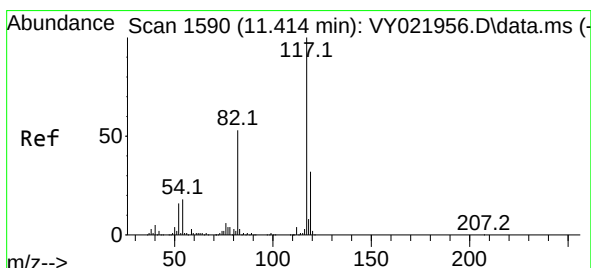
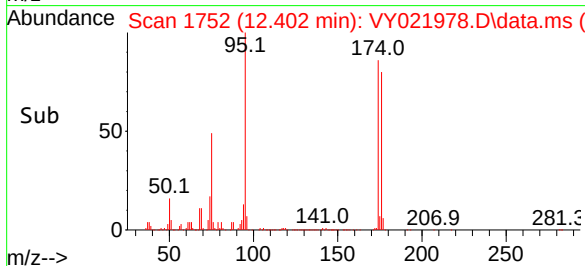
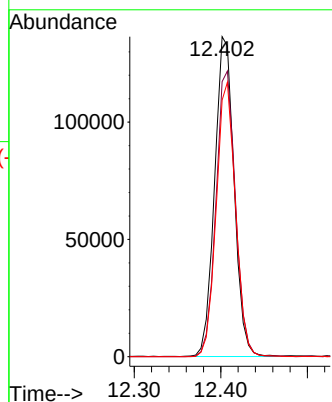
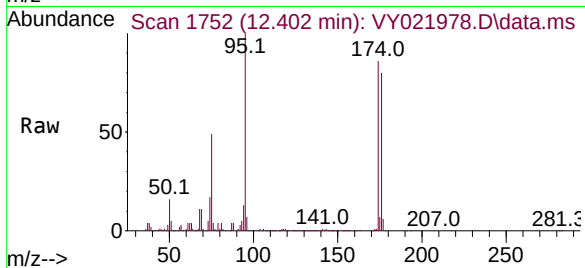




#62
4-Bromofluorobenzene
Concen: 41.977 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY021978.D
Acq: 23 Apr 2025 17:47

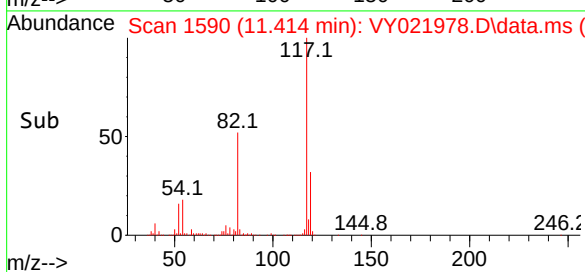
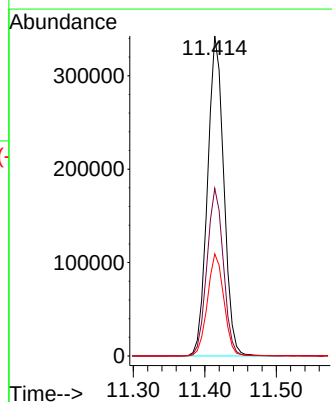
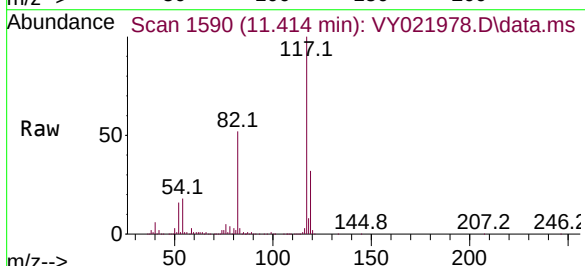
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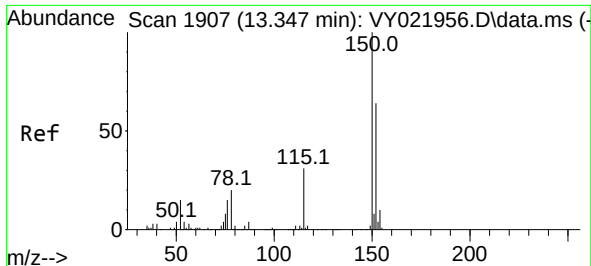
Tgt Ion: 95 Resp: 213063
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.0
176 84.9 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY021978.D
Acq: 23 Apr 2025 17:47

Tgt Ion: 117 Resp: 542247
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 31.9 25.7 38.5

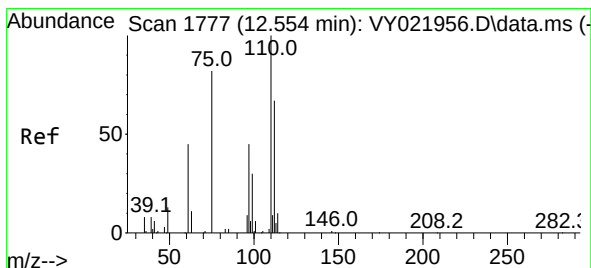
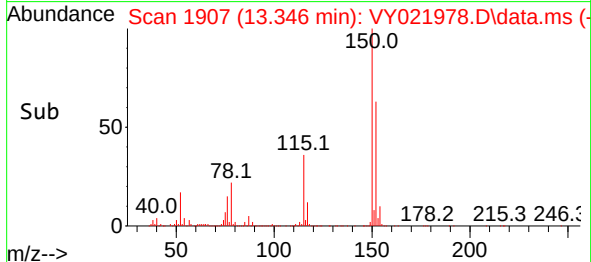
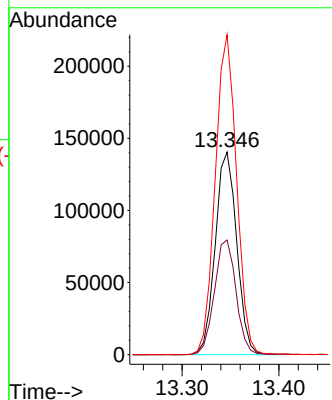
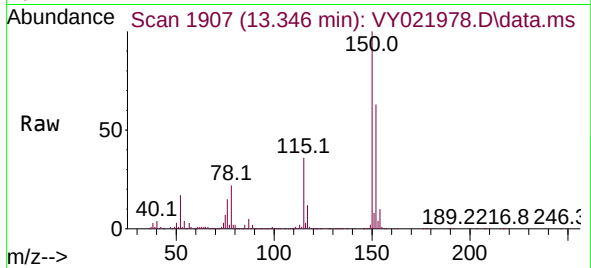




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY021978.D
 Acq: 23 Apr 2025 17:47

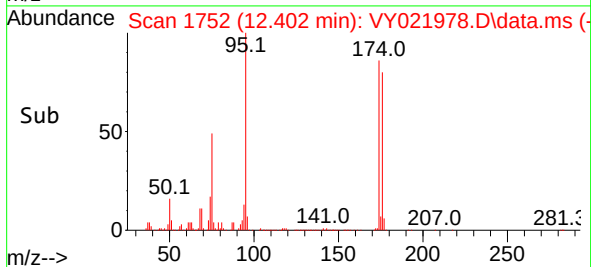
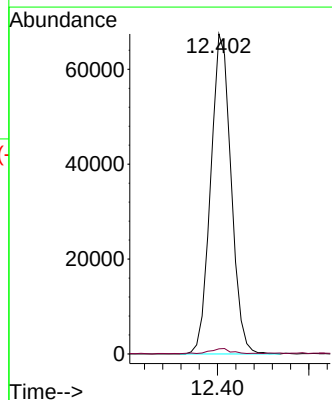
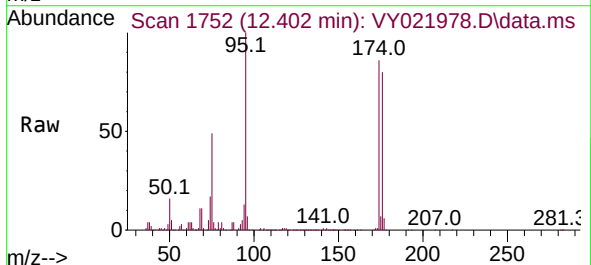
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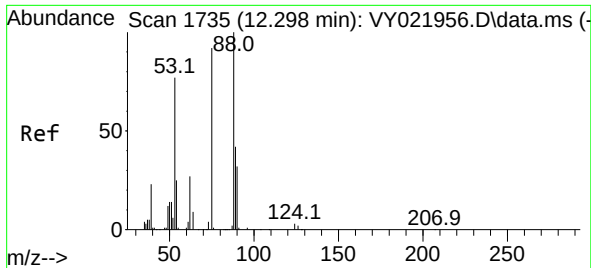
Tgt Ion:152 Resp: 216405
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.0 84.0
 150 156.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 56.263 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY021978.D
 Acq: 23 Apr 2025 17:47

Tgt Ion: 75 Resp: 104290
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.490 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021978.D
 Acq: 23 Apr 2025 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Tgt Ion: 75 Resp: 104290
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.0 99.0#
 89 0.0 37.2 55.8#

