

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021742.D
 Acq On : 01 Apr 2025 15:28
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Apr 02 03:24:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

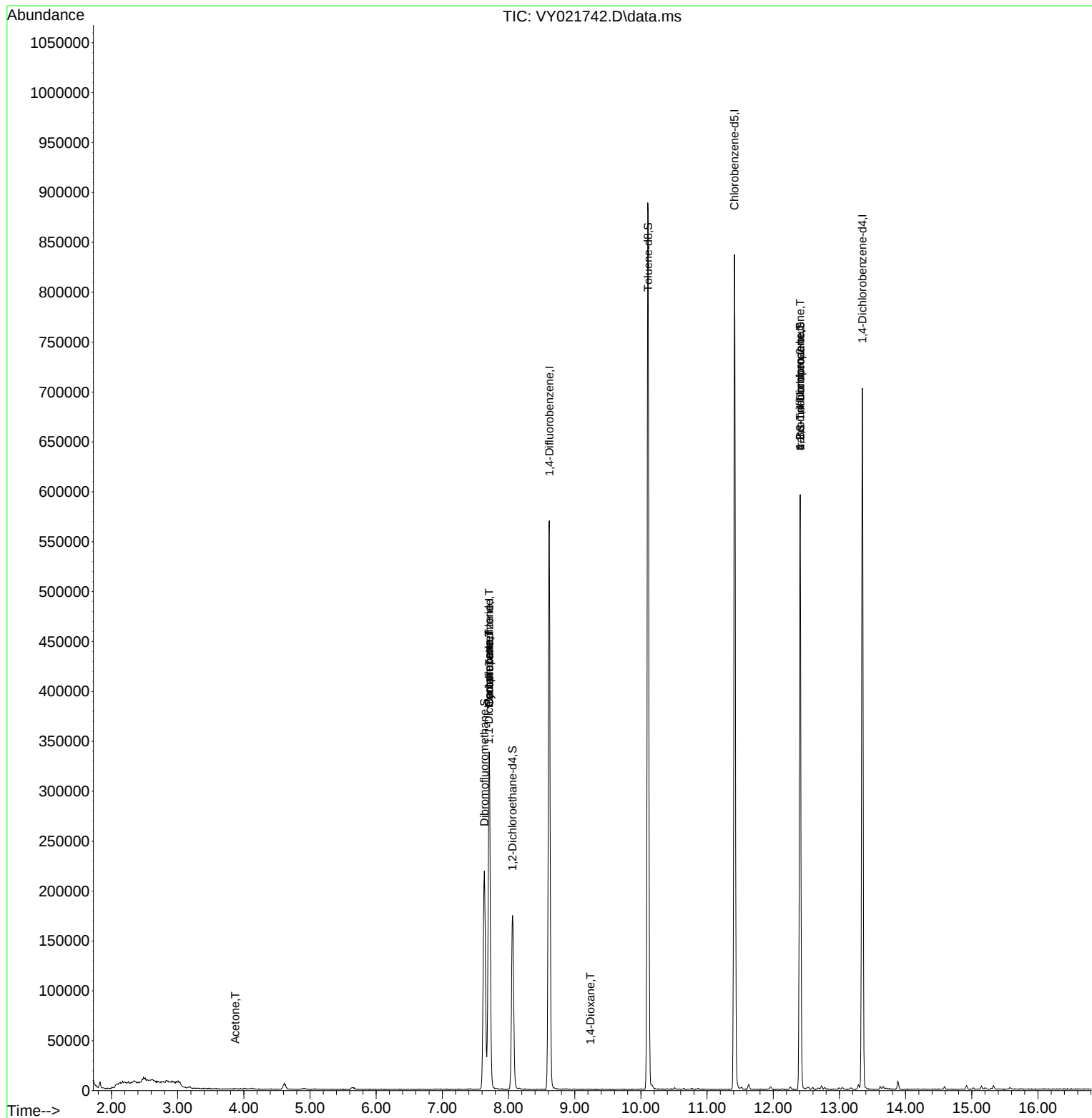
Internal Standards						
1) Pentafluorobenzene	7.707	168	249847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	464827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	423583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	140528	51.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.820%	
35) Dibromofluoromethane	7.634	113	155285	51.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.109	98	568478	49.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	12.408	95	175707	45.285	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.580%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	953	1.720	ug/l #	44
20) Methylene Chloride	4.610	84	3768	Below Cal	#	84
31) Cyclohexane	7.707	56	5944	1.244	ug/l #	9
36) 1,1-Dichloropropene	7.701	75	20016	4.358	ug/l #	51
38) Carbon Tetrachloride	7.707	117	25491	4.846	ug/l #	16
49) 1,4-Dioxane	9.237	88	22	1.095	ug/l #	60
76) 1,2,3-Trichloropropane	12.408	75	95456	55.992	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	95456	129.014	ug/l #	12

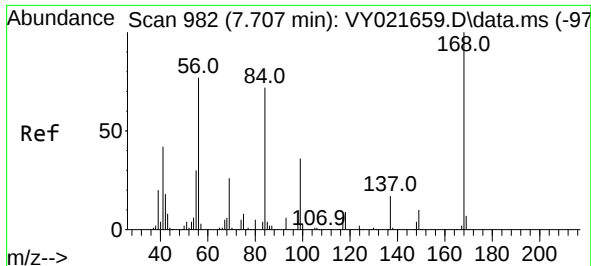
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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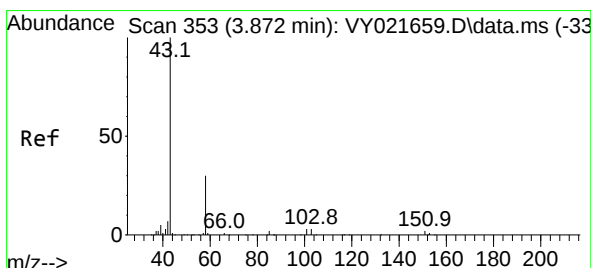
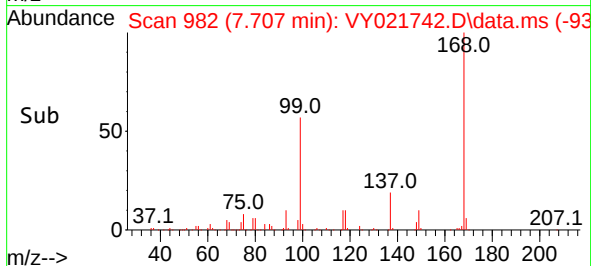
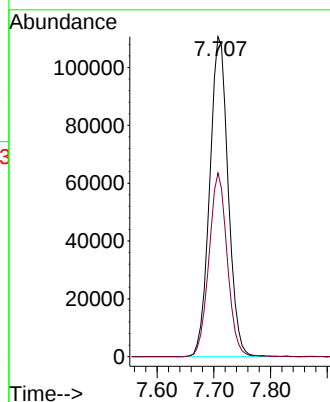
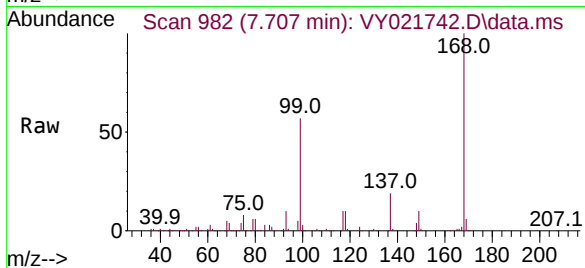




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

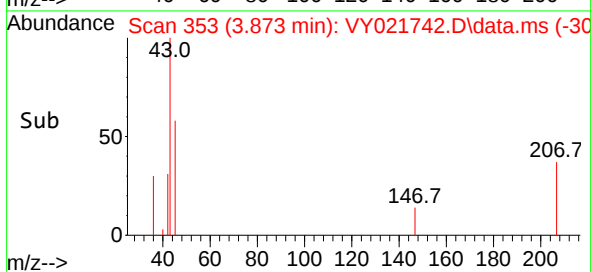
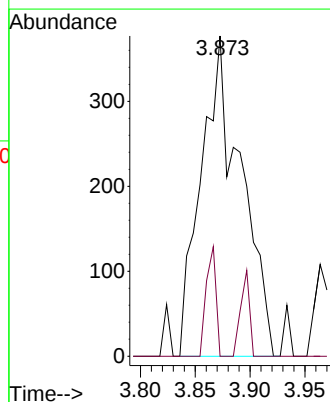
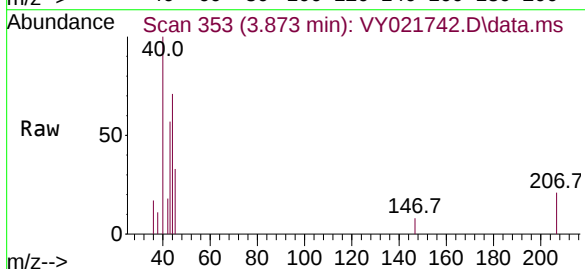
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

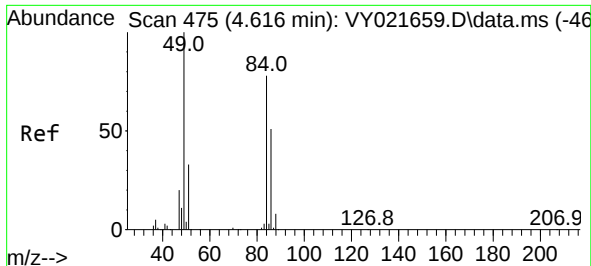
Tgt Ion:168 Resp: 249847
Ion Ratio Lower Upper
168 100
99 57.4 46.7 70.1



#16
Acetone
Concen: 1.720 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



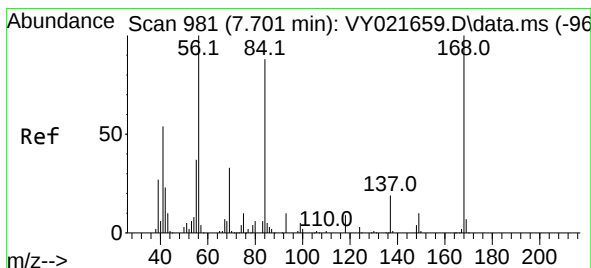
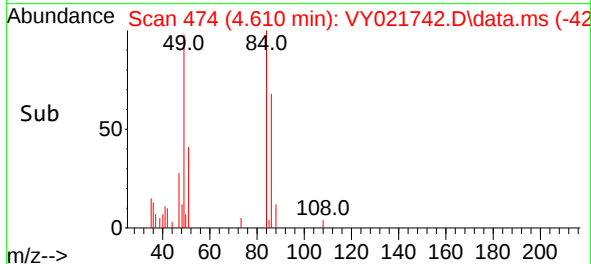
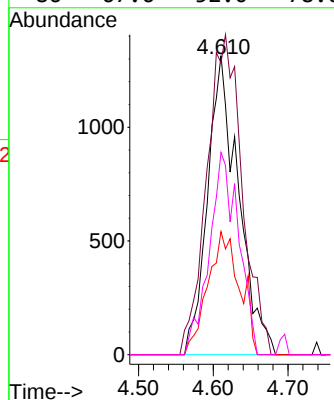
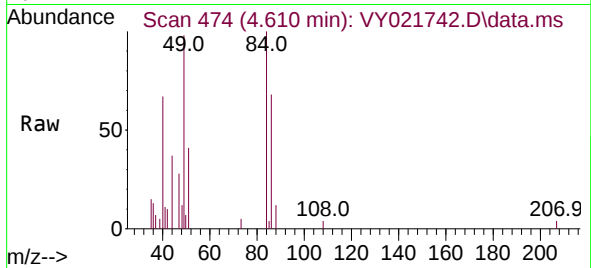


#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 3768

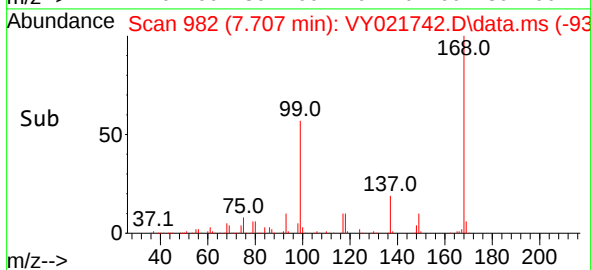
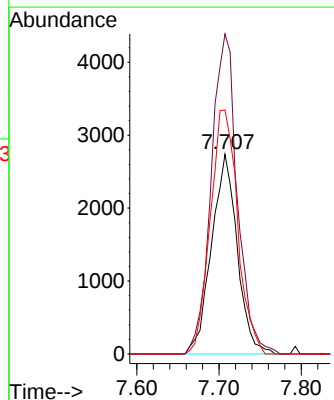
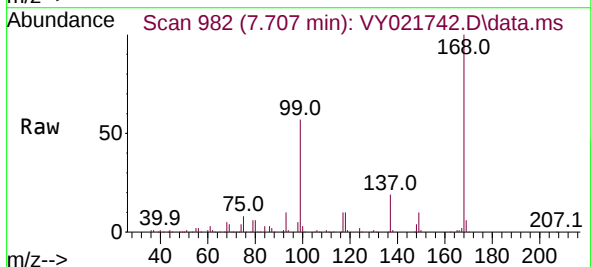
Ion	Ratio	Lower	Upper
84	100		
49	97.6	102.8	154.2#
51	41.1	33.5	50.3
86	67.6	52.0	78.0

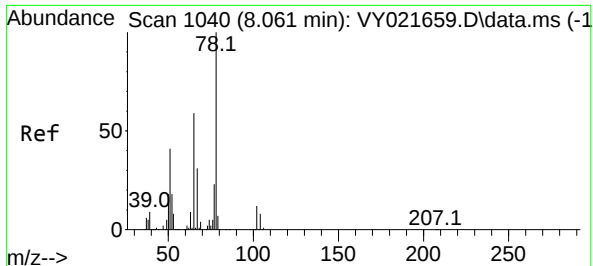


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

Tgt Ion: 56 Resp: 5944

Ion	Ratio	Lower	Upper
56	100		
69	160.2	26.6	40.0#
84	122.2	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 51.912 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021742.D

Acq: 01 Apr 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

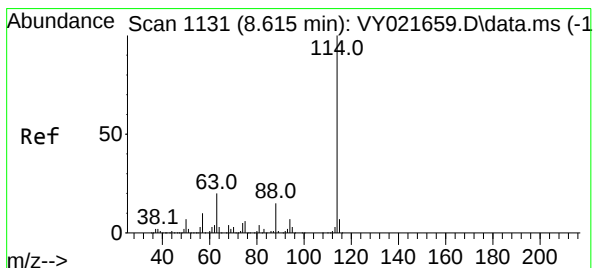
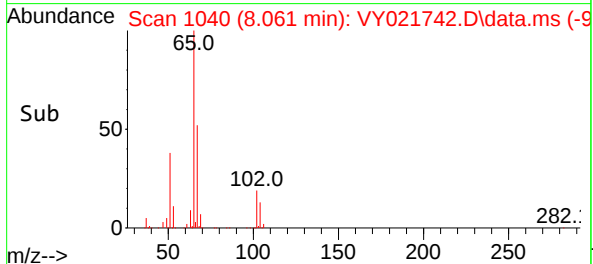
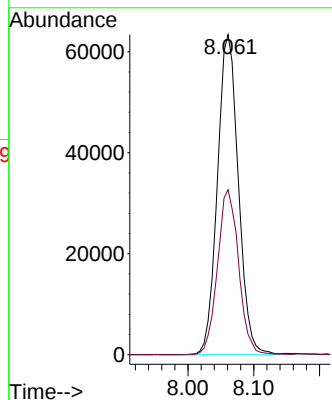
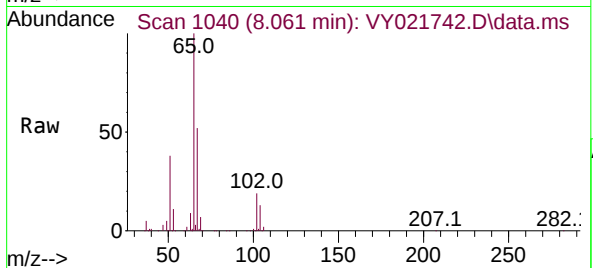
IBLK

Tgt Ion: 65 Resp: 140528

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021742.D

Acq: 01 Apr 2025 15:28

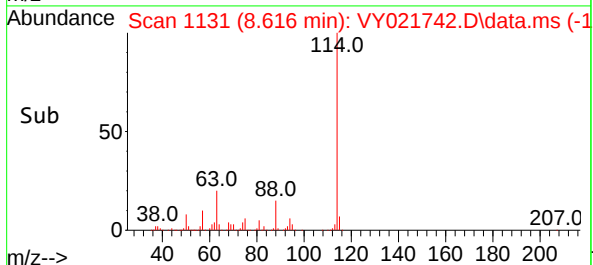
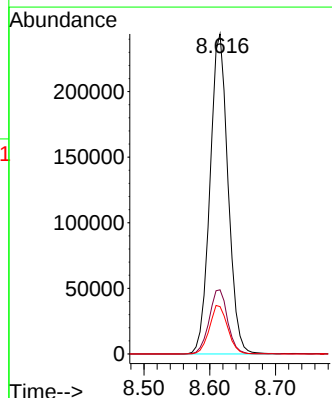
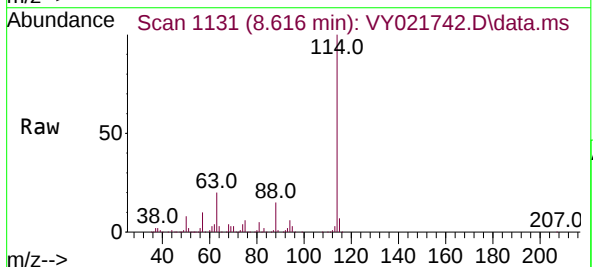
Tgt Ion: 114 Resp: 464827

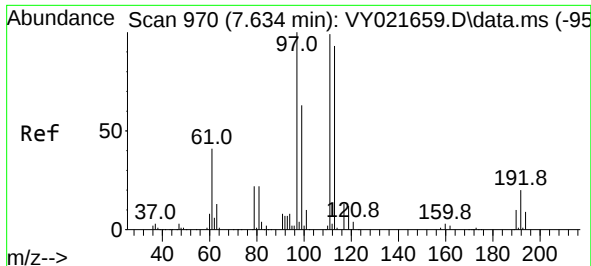
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.8 0.0 29.8

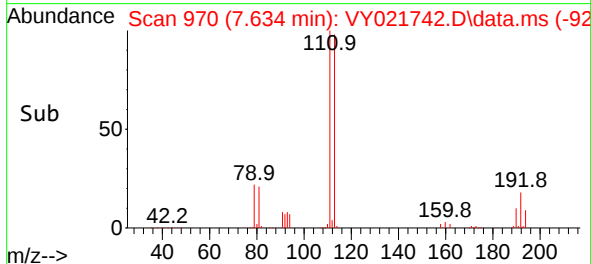
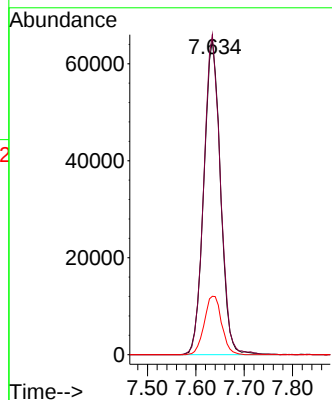
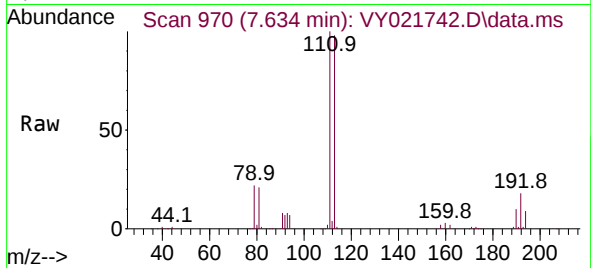




#35
Dibromofluoromethane
Concen: 51.500 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

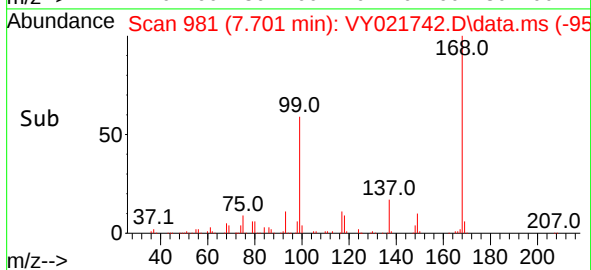
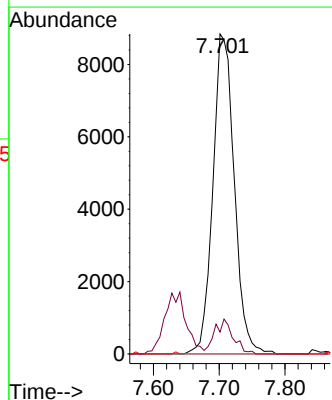
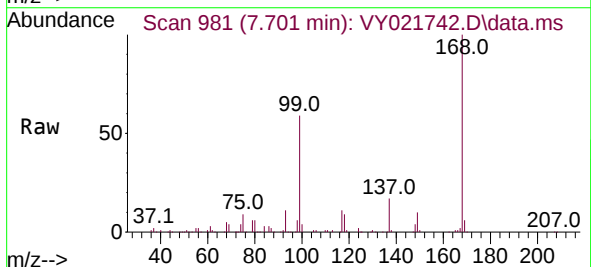
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

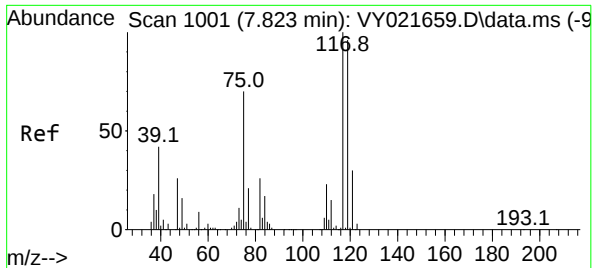
Tgt Ion:113 Resp: 155285
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 19.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.358 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

Tgt Ion: 75 Resp: 20016
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.8 37.2#

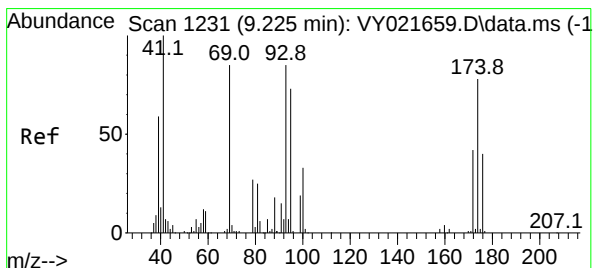
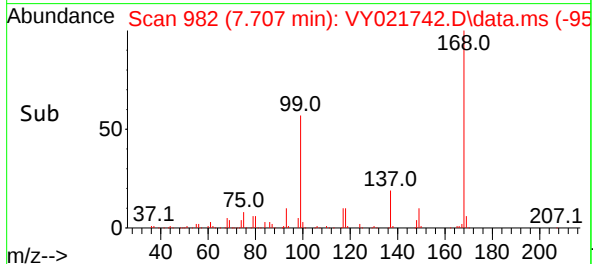
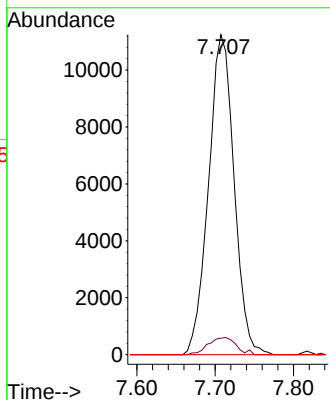
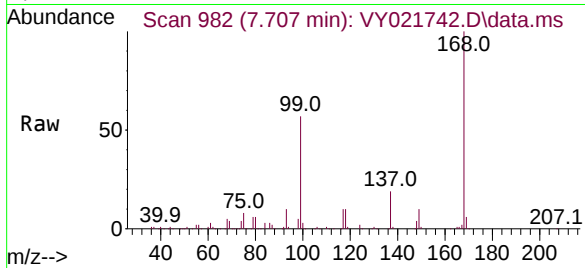




#38
Carbon Tetrachloride
Concen: 4.846 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

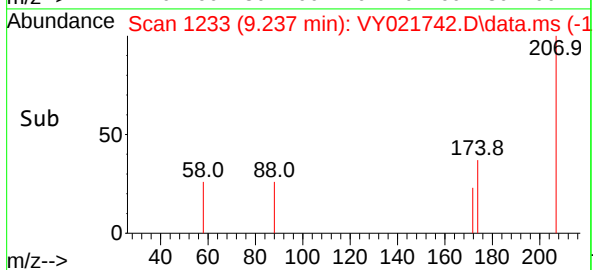
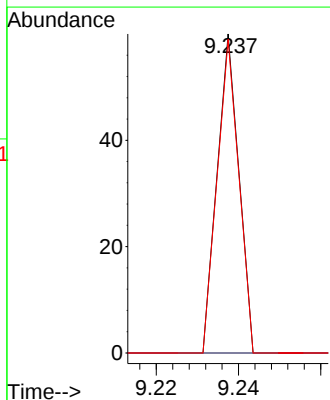
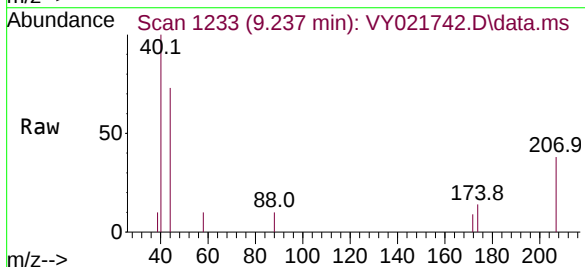
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

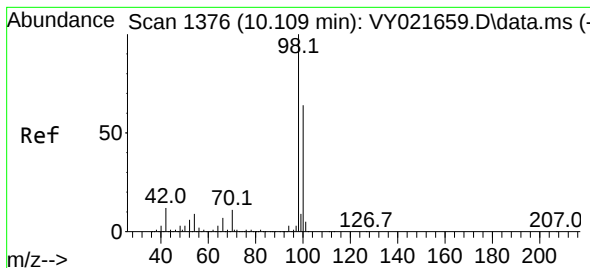
Tgt Ion: 117 Resp: 25491
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.4#
121 0.0 24.2 36.4#



#49
1,4-Dioxane
Concen: 1.095 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 100.0 59.4 89.2#





#50

Toluene-d8

Concen: 49.558 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021742.D

Acq: 01 Apr 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

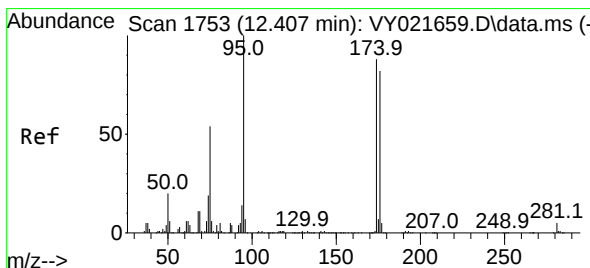
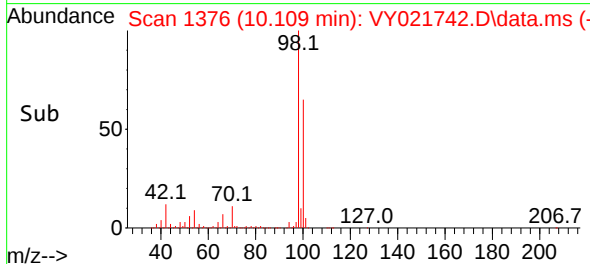
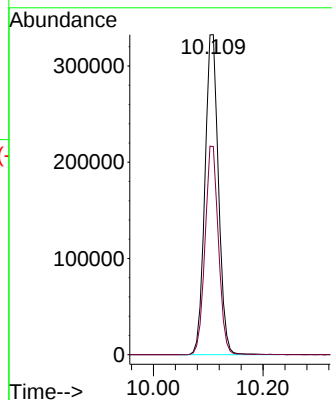
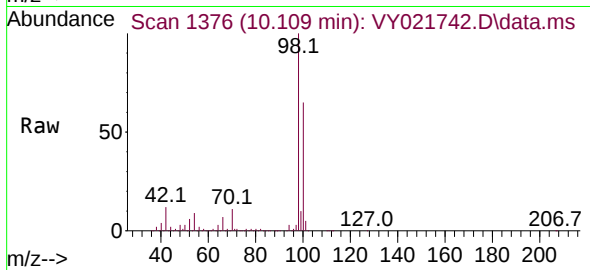
IBLK

Tgt Ion: 98 Resp: 568478

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.285 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021742.D

Acq: 01 Apr 2025 15:28

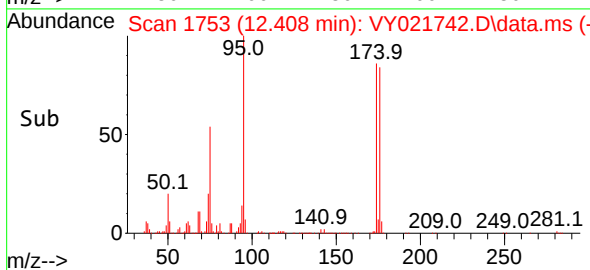
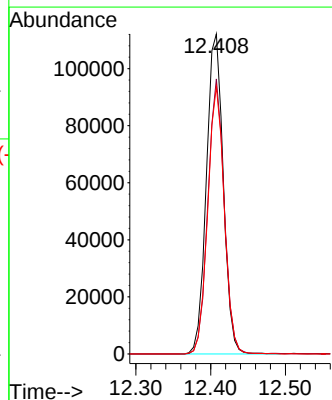
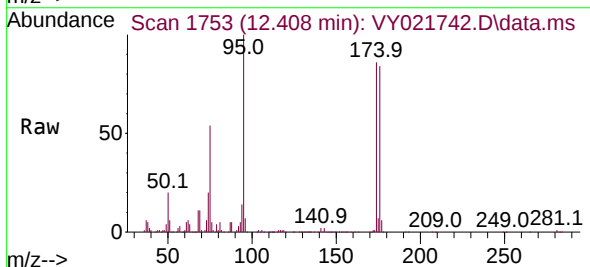
Tgt Ion: 95 Resp: 175707

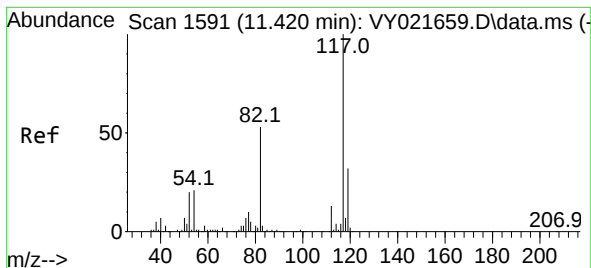
Ion Ratio Lower Upper

95 100

174 83.2 0.0 170.8

176 81.9 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021742.D

Acq: 01 Apr 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

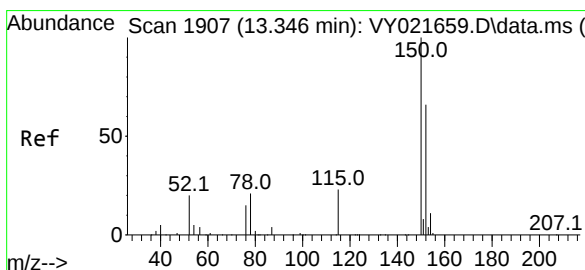
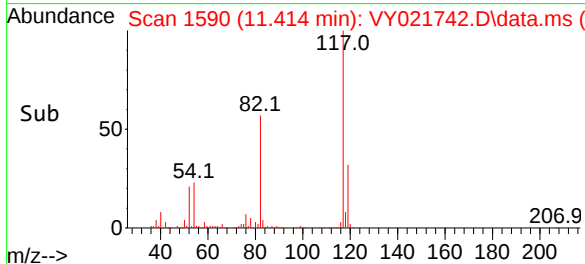
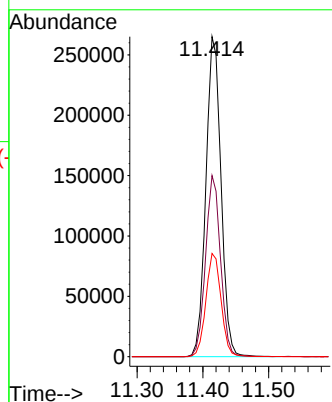
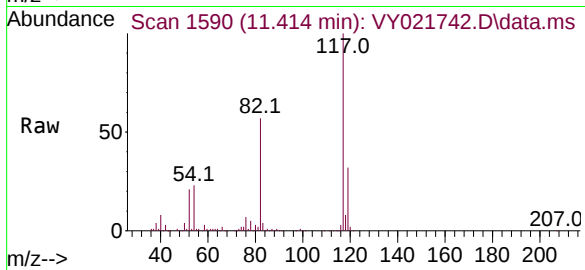
Tgt Ion:117 Resp: 423583

Ion Ratio Lower Upper

117 100

82 56.6 42.8 64.2

119 32.3 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: VY021742.D

Acq: 01 Apr 2025 15:28

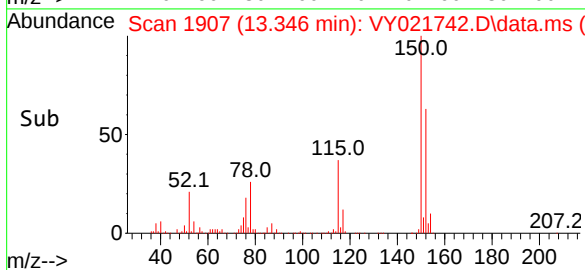
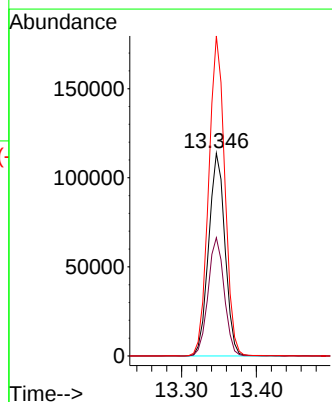
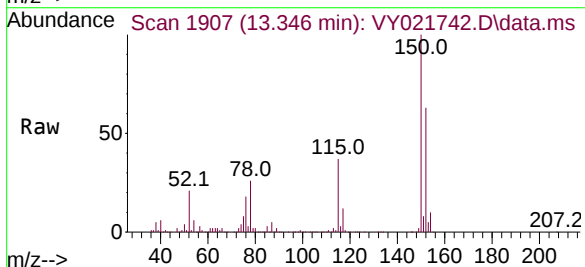
Tgt Ion:152 Resp: 171986

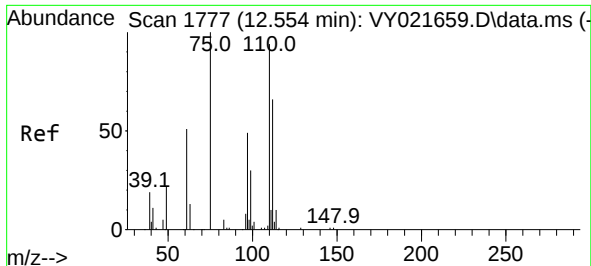
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 156.2 0.0 348.4

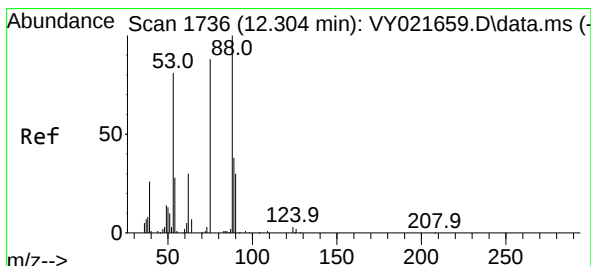
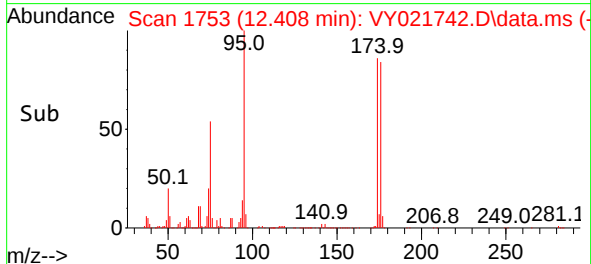
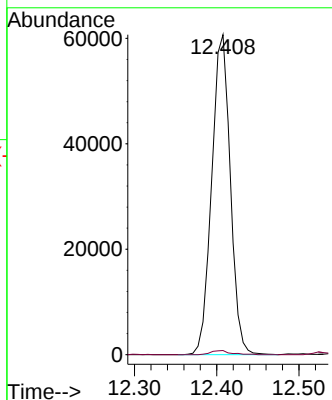
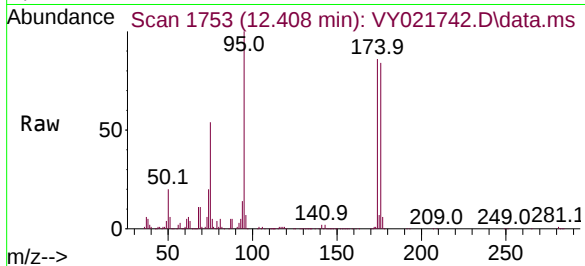




#76
1,2,3-Trichloropropane
Concen: 55.992 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 95456
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.014 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

Tgt Ion: 75 Resp: 95456
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.1 36.2 54.4#

