

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021739.D
 Acq On : 01 Apr 2025 14:19
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Apr 02 03:23:26 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)

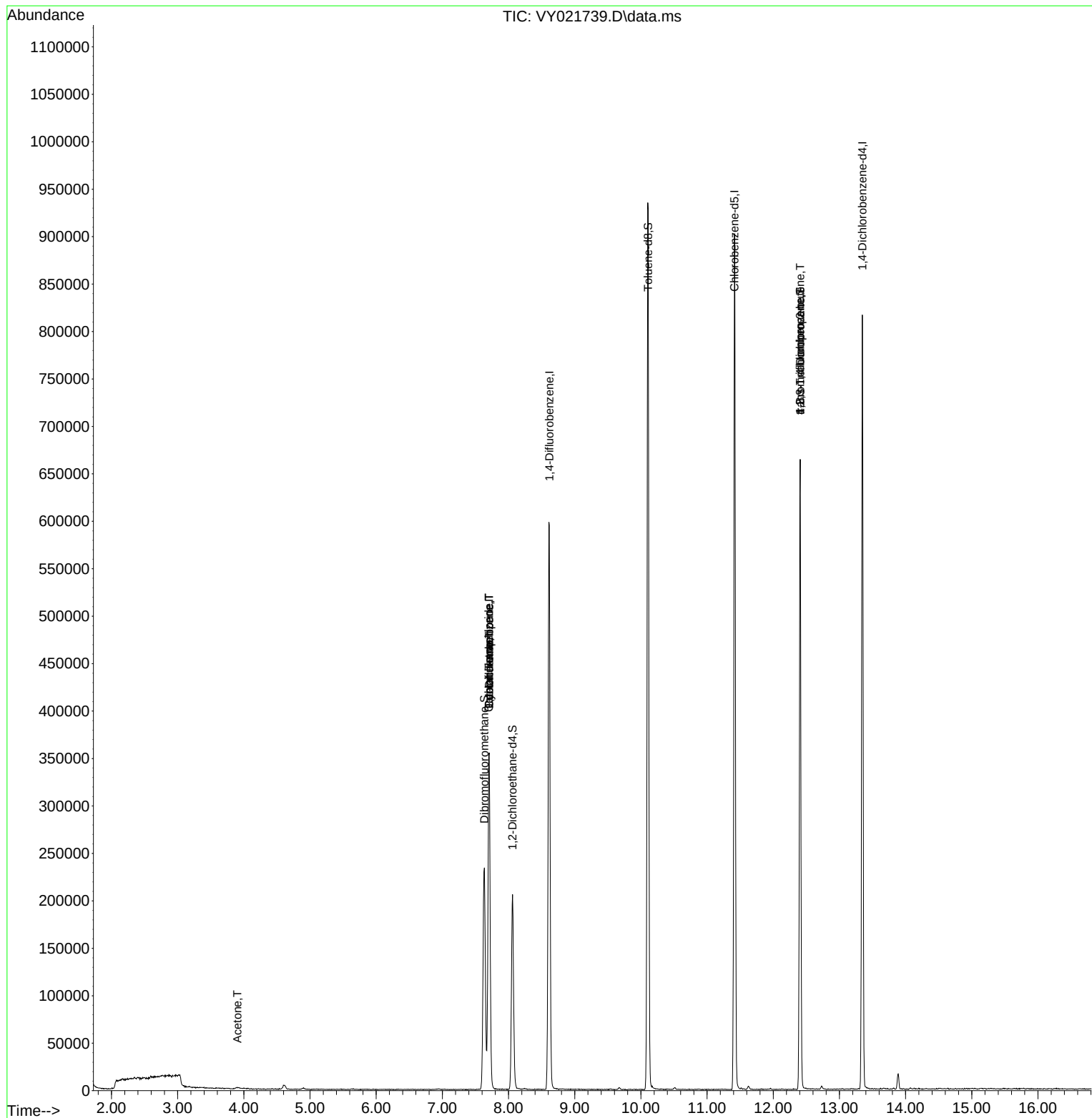
Internal Standards						
1) Pentafluorobenzene	7.707	168	266423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	500126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	459676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	195040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	163095	56.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.000%	
35) Dibromofluoromethane	7.634	113	168861	52.050	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.100%	
50) Toluene-d8	10.109	98	608685	49.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.640%	
62) 4-Bromofluorobenzene	12.408	95	197646	47.344	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.680%	
Target Compounds						
					Qvalue	
16) Acetone	3.903	43	3944	6.676	ug/l #	81
20) Methylene Chloride	4.616	84	3075	Below Cal	#	72
31) Cyclohexane	7.707	56	6255	1.228	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	21360	4.323	ug/l #	51
38) Carbon Tetrachloride	7.701	117	26099	4.611	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	105024	54.322	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	105024	125.168	ug/l #	12

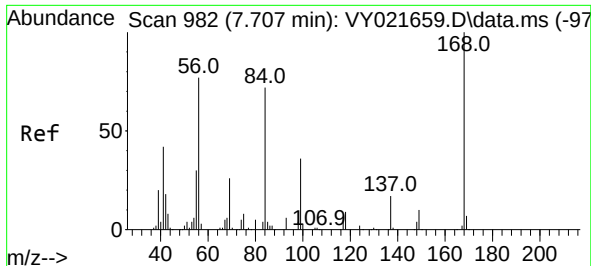
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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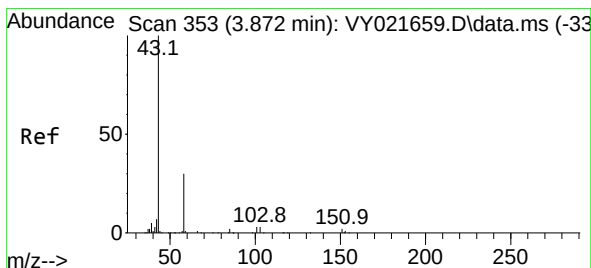
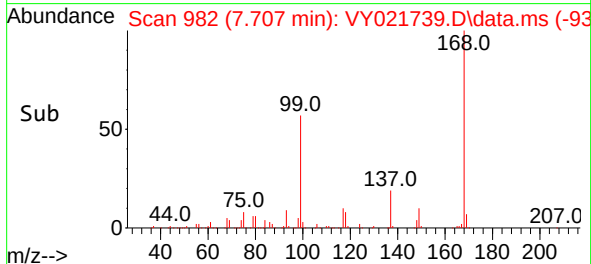
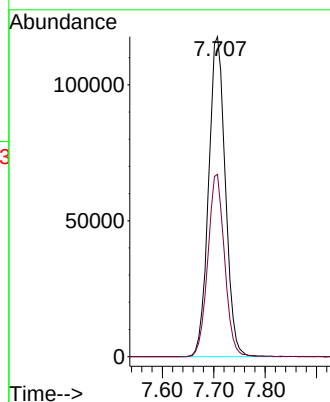
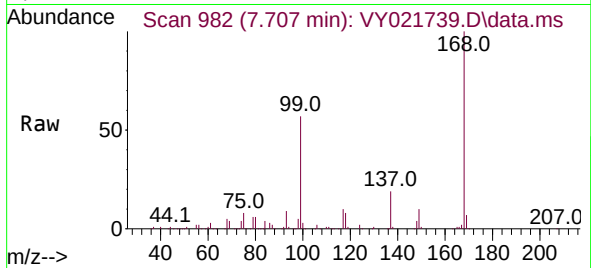




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

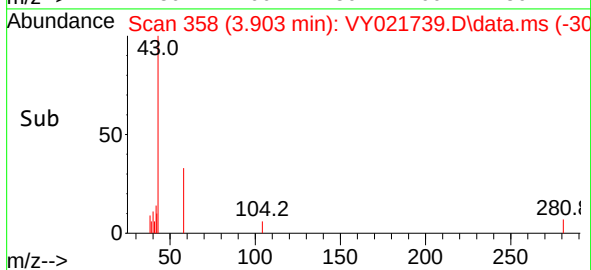
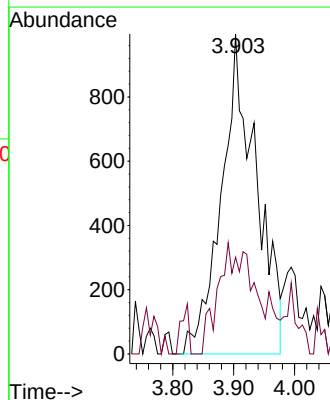
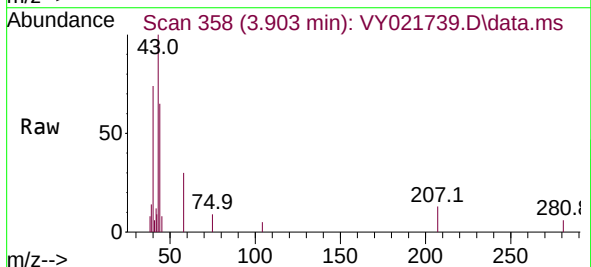
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

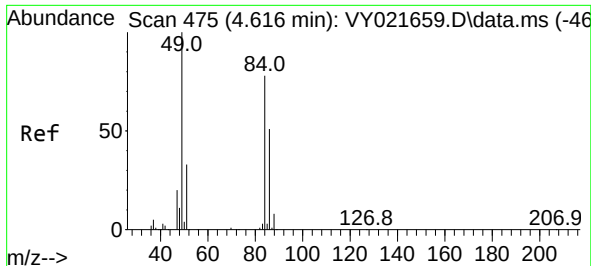
Tgt Ion:168 Resp: 266423
Ion Ratio Lower Upper
168 100
99 57.0 46.7 70.1



#16
Acetone
Concen: 6.676 ug/l
RT: 3.903 min Scan# 358
Delta R.T. 0.031 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Tgt Ion: 43 Resp: 3944
Ion Ratio Lower Upper
43 100
58 20.0 24.2 36.4#

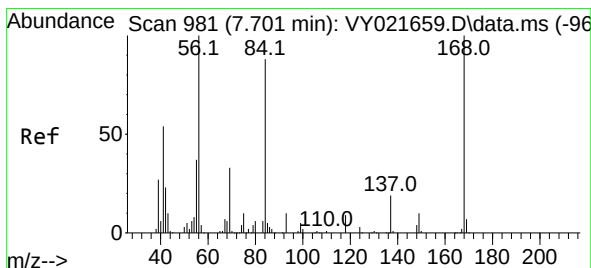
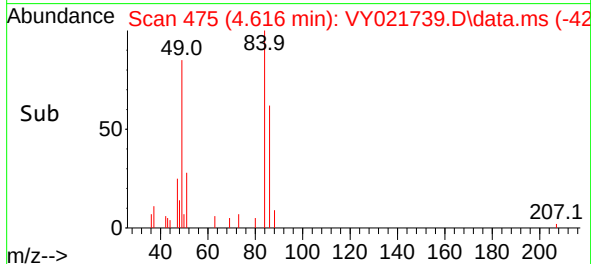
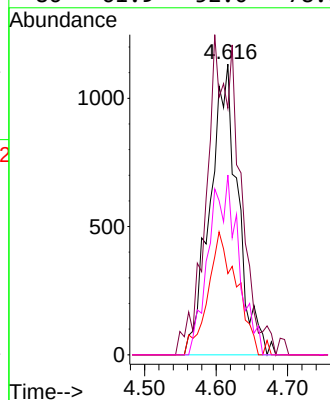
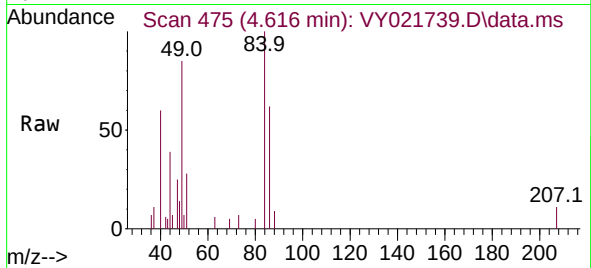




#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

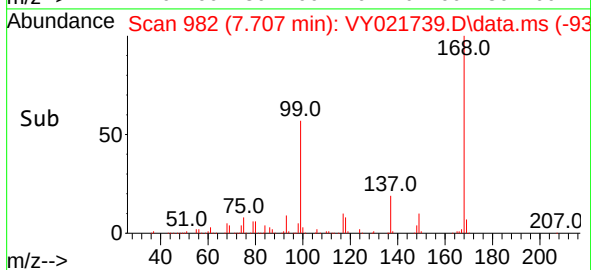
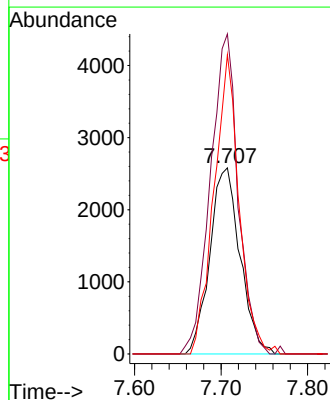
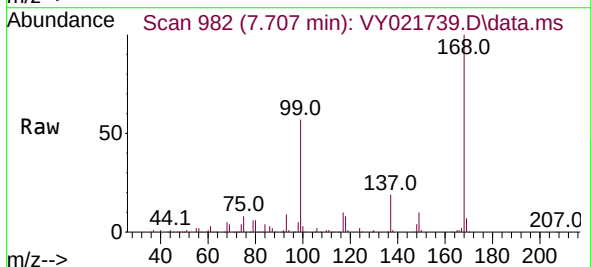
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

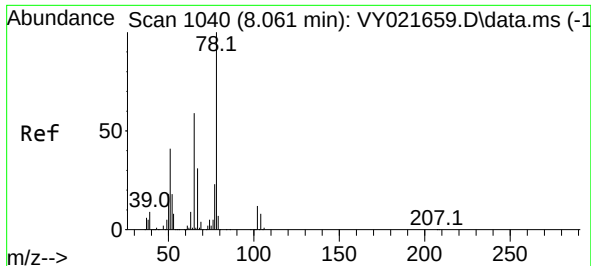
Tgt Ion:	84	Resp:	3075
Ion	Ratio	Lower	Upper
84	100		
49	79.1	102.8	154.2#
51	28.0	33.5	50.3#
86	61.9	52.0	78.0



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Tgt Ion:	56	Resp:	6255
Ion	Ratio	Lower	Upper
56	100		
69	172.0	26.6	40.0#
84	160.8	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 56.500 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021739.D

Acq: 01 Apr 2025 14:19

Instrument :

MSVOA_Y

ClientSampleId :

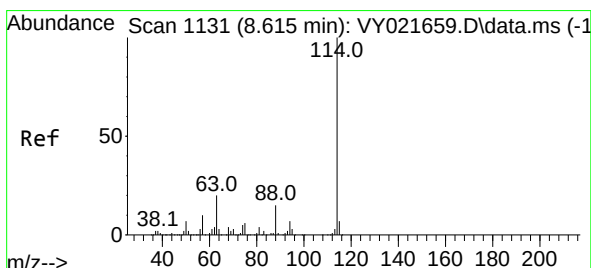
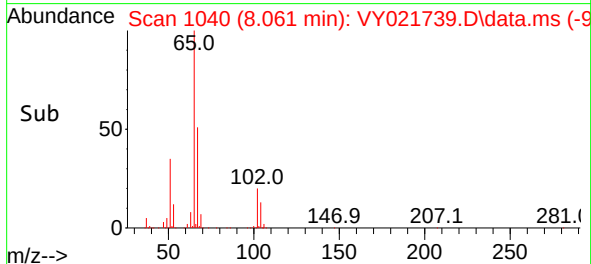
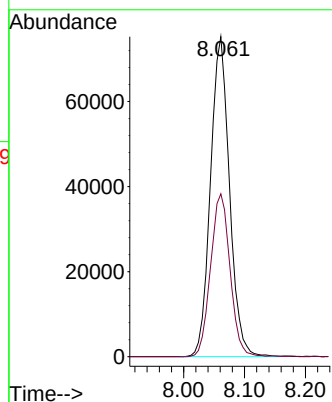
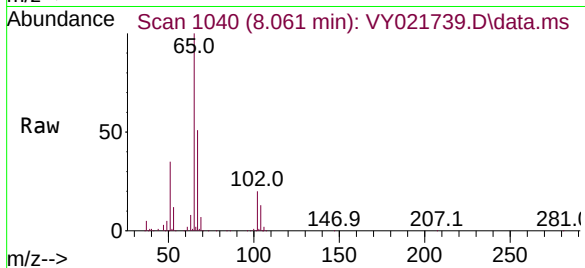
IBLK

Tgt Ion: 65 Resp: 163095

Ion Ratio Lower Upper

65 100

67 52.2 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: VY021739.D

Acq: 01 Apr 2025 14:19

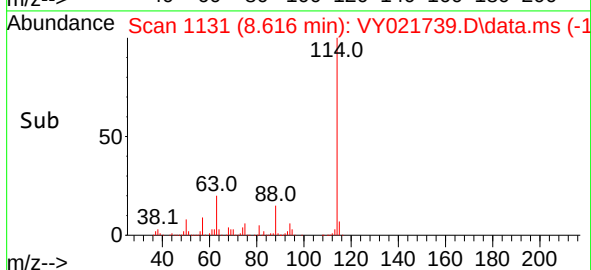
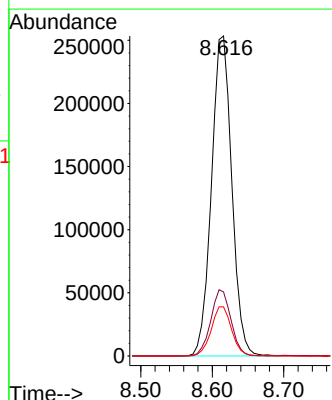
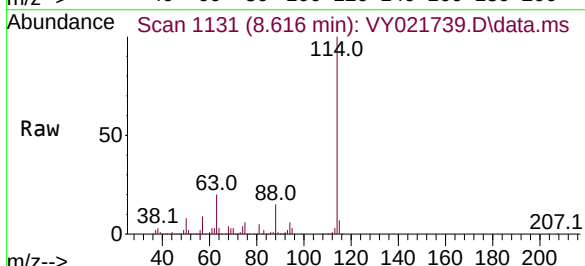
Tgt Ion: 114 Resp: 500126

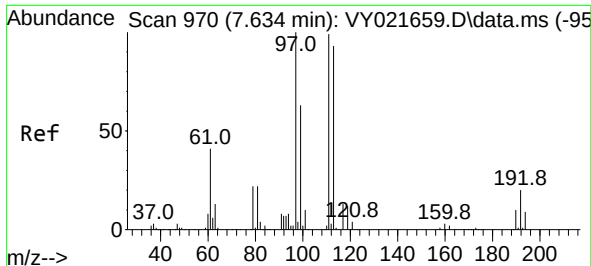
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 15.4 0.0 29.8

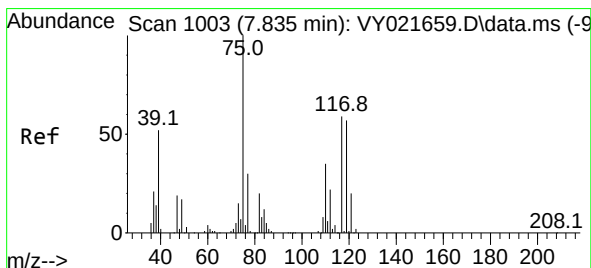
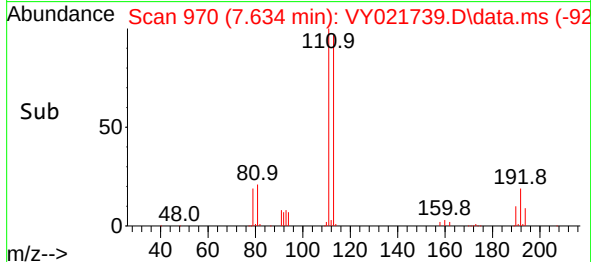
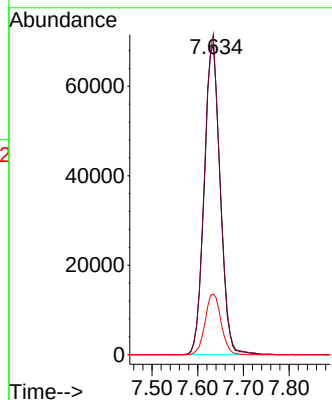
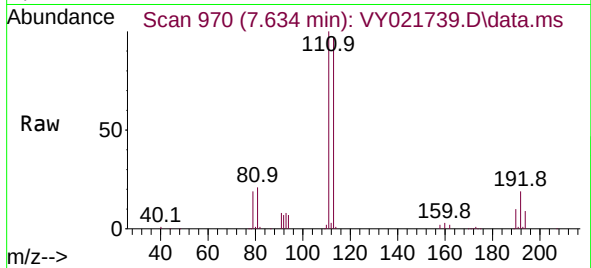




#35
Dibromofluoromethane
Concen: 52.050 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

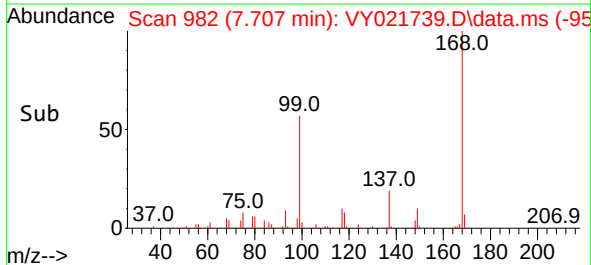
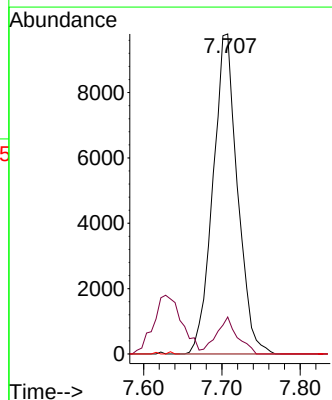
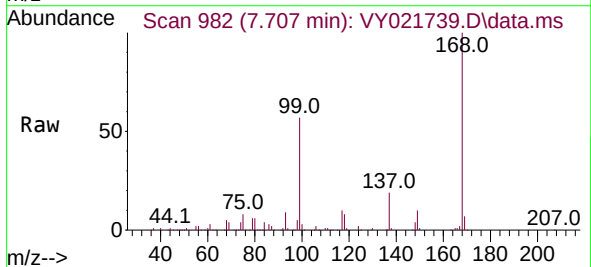
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

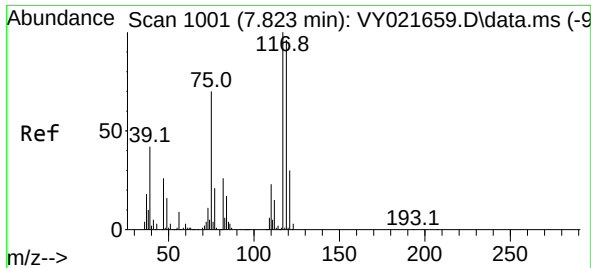
Tgt Ion:113 Resp: 168861
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Tgt Ion: 75 Resp: 21360
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.8 37.2#

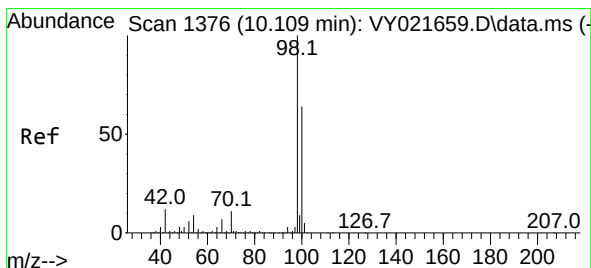
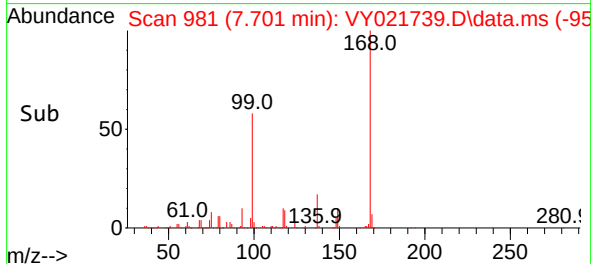
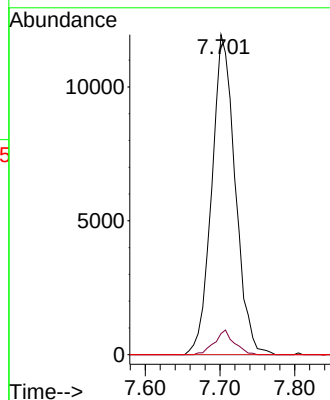
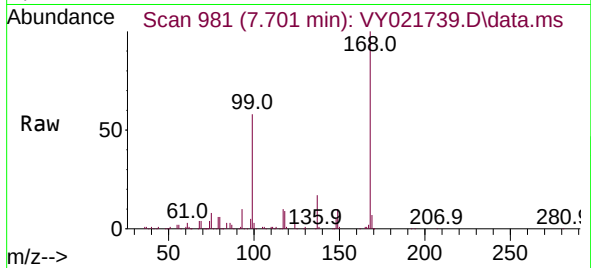




#38
Carbon Tetrachloride
Concen: 4.611 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

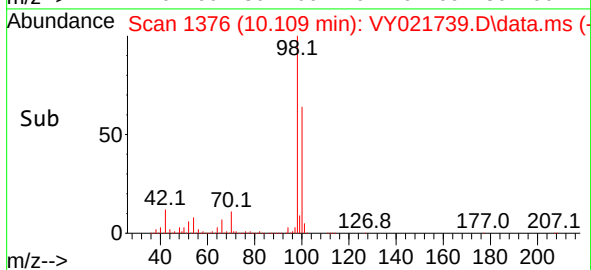
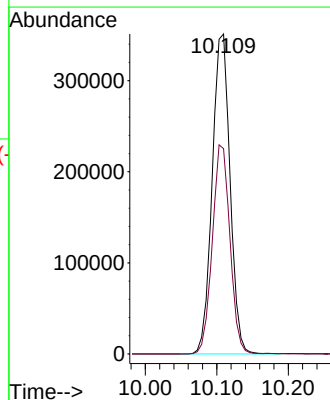
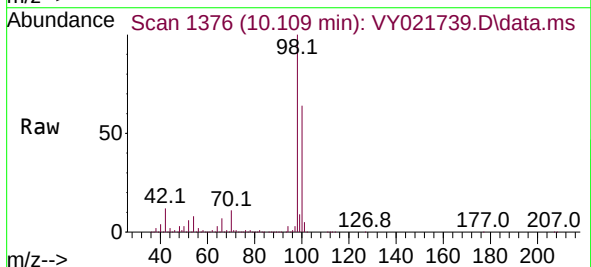
Instrument :
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ClientSampleId :
IBLK

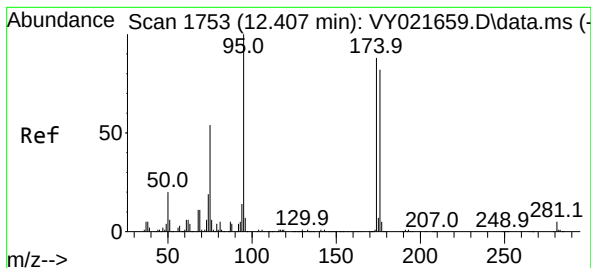
Tgt Ion:117 Resp: 26099
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.318 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Tgt Ion: 98 Resp: 608685
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

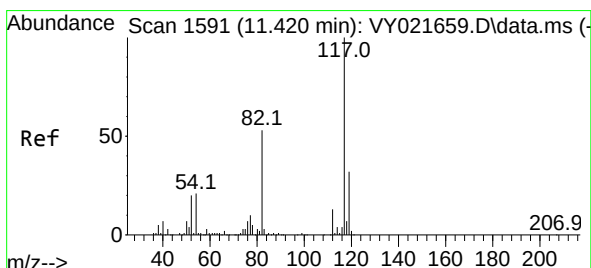
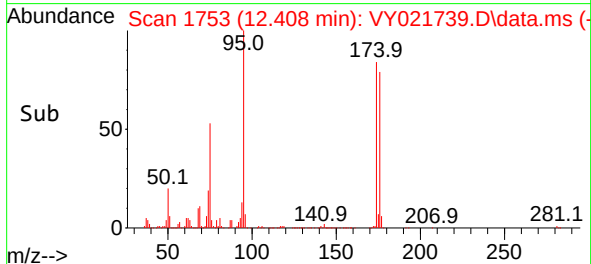
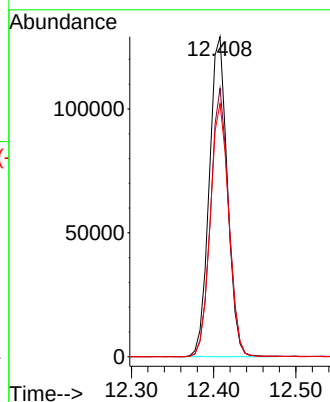
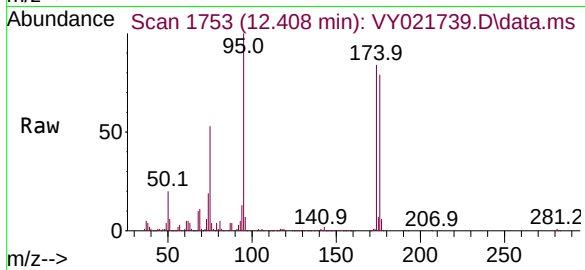




#62
4-Bromofluorobenzene
Concen: 47.344 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

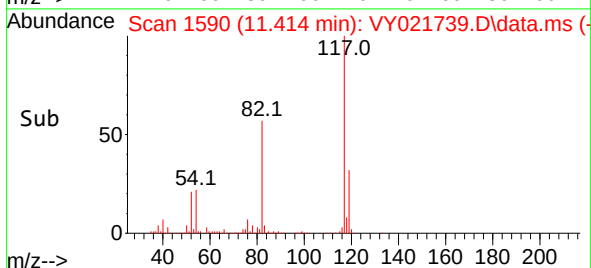
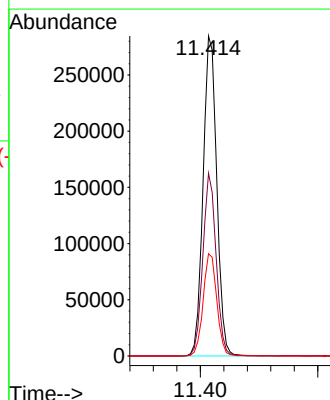
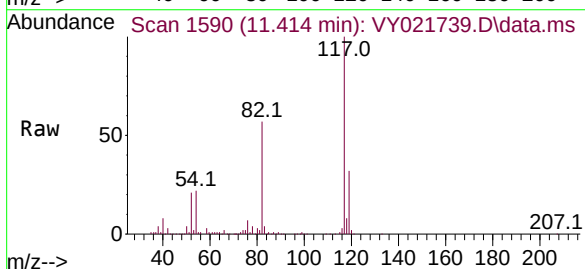
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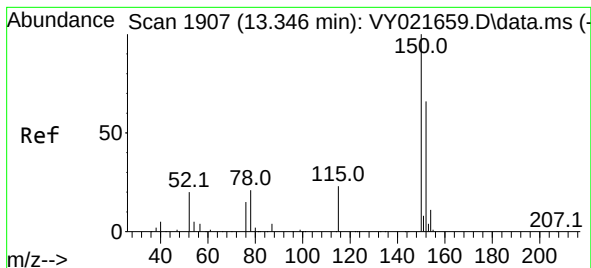
Tgt Ion: 95 Resp: 197646
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.8
176 80.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Tgt Ion: 117 Resp: 459676
Ion Ratio Lower Upper
117 100
82 57.1 42.8 64.2
119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021739.D

Acq: 01 Apr 2025 14:19

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

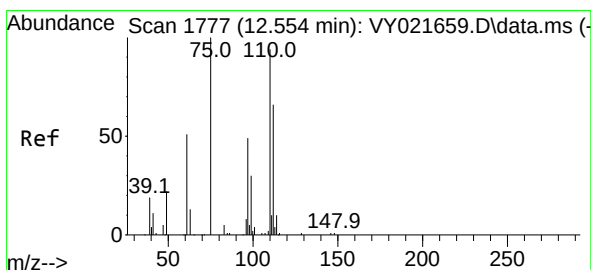
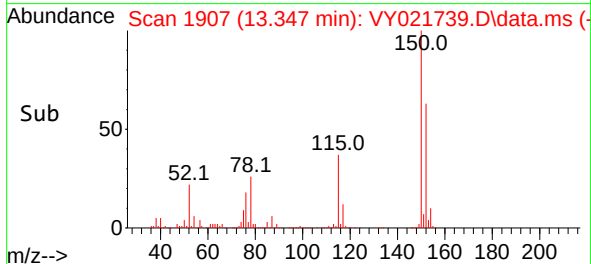
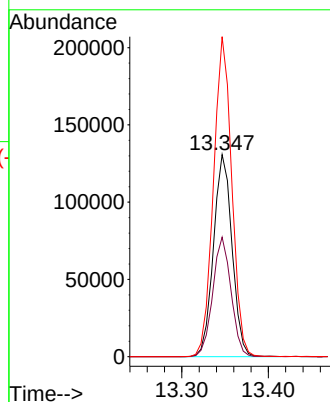
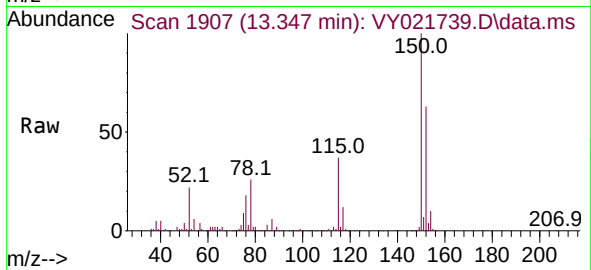
Tgt Ion:152 Resp: 195040

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 156.1 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 54.322 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021739.D

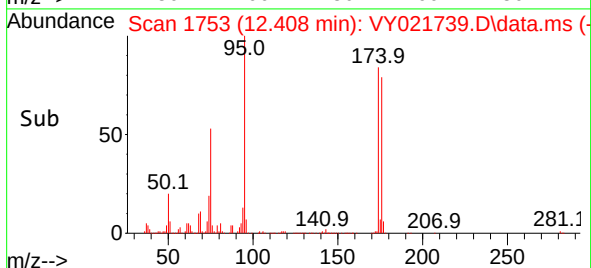
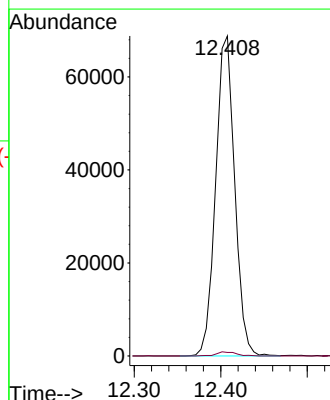
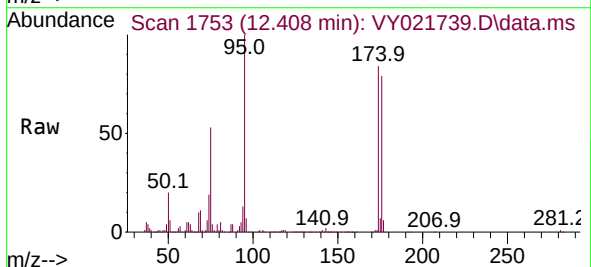
Acq: 01 Apr 2025 14:19

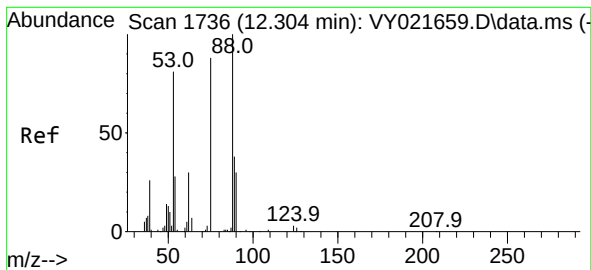
Tgt Ion: 75 Resp: 105024

Ion Ratio Lower Upper

75 100

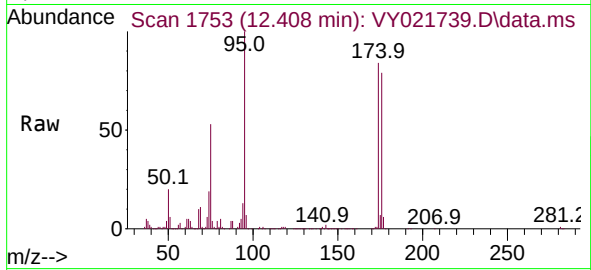
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.168 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021739.D
 Acq: 01 Apr 2025 14:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 105024
 Ion Ratio Lower Upper
 75 100
 53 0.3 76.1 114.1#
 89 0.0 36.2 54.4#

