

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021897.D
 Acq On : 15 Apr 2025 15:35
 Operator : SY/MD
 Sample : IBLK1
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Apr 16 03:03:04 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)

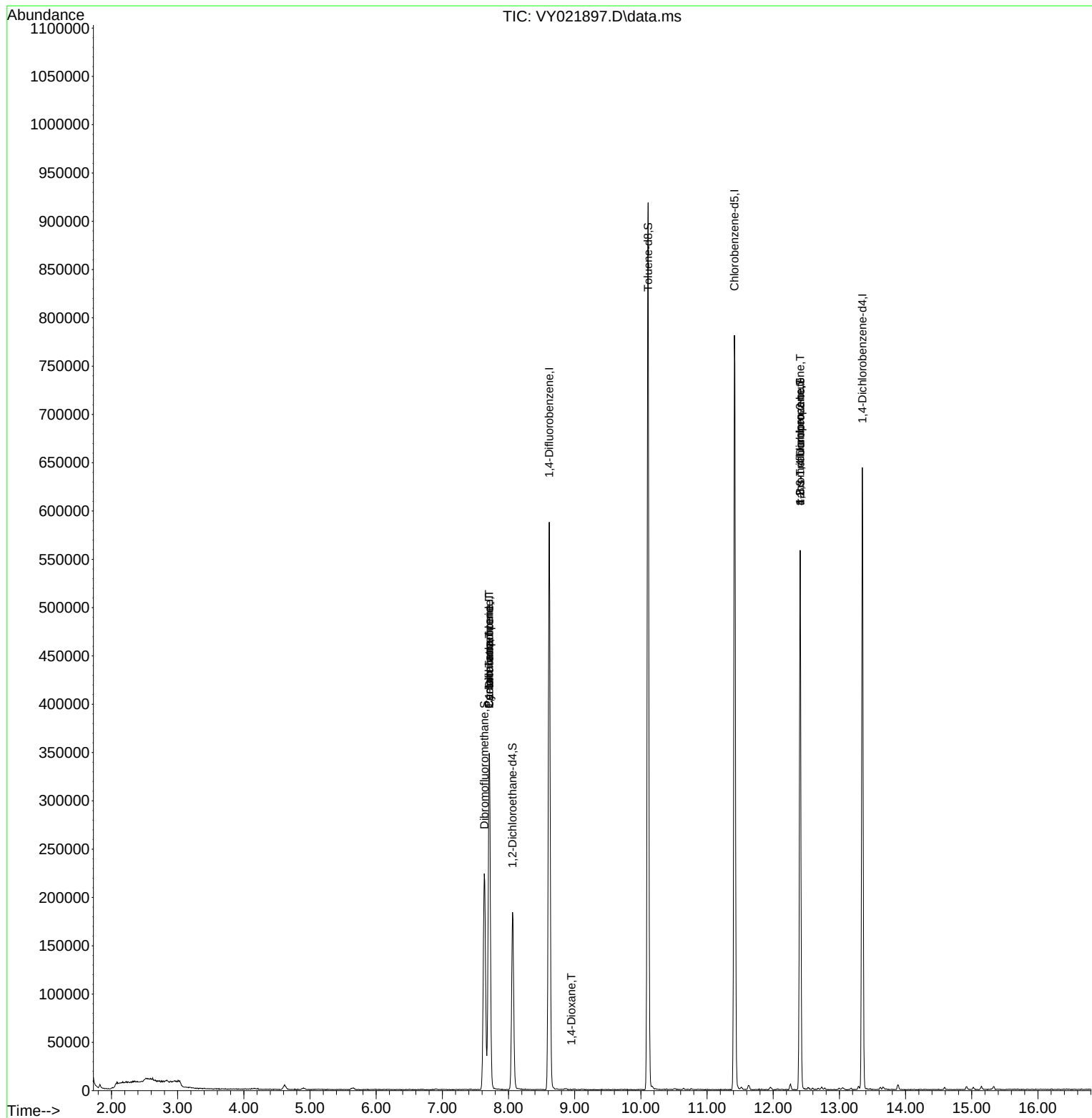
Internal Standards						
1) Pentafluorobenzene	7.707	168	271240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	485277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	414201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	159605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141466	48.137	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.280%		
35) Dibromofluoromethane	7.634	113	159482	50.663	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.320%		
50) Toluene-d8	10.109	98	582325	48.626	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.260%		
62) 4-Bromofluorobenzene	12.407	95	164000	40.487	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	80.980%		
Target Compounds						Qvalue
20) Methylene Chloride	4.616	84	2872	Below Cal		91
31) Cyclohexane	7.707	56	6277	1.210 ug/l #		28
36) 1,1-Dichloropropene	7.707	75	20683	4.314 ug/l #		51
38) Carbon Tetrachloride	7.707	117	27902	5.081 ug/l #		15
49) 1,4-Dioxane	8.951	88	49	2.335 ug/l #		21
76) 1,2,3-Trichloropropane	12.407	75	86924	54.942 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.407	75	86924	126.596 ug/l #		12

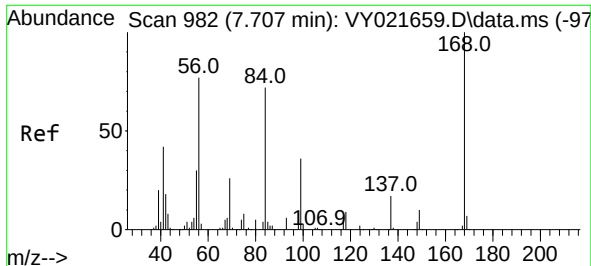
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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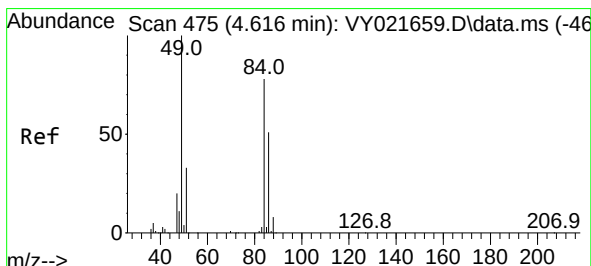
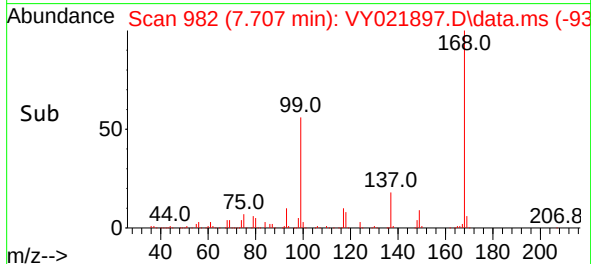
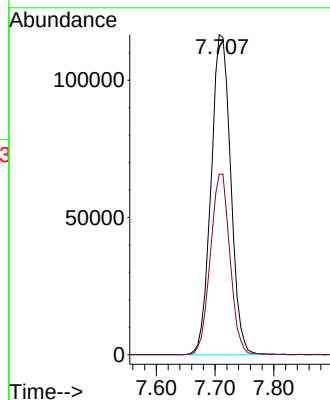
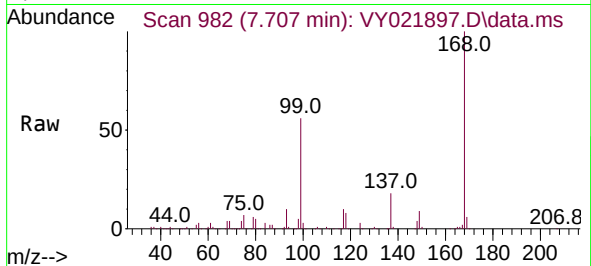




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021897.D
Acq: 15 Apr 2025 15:35

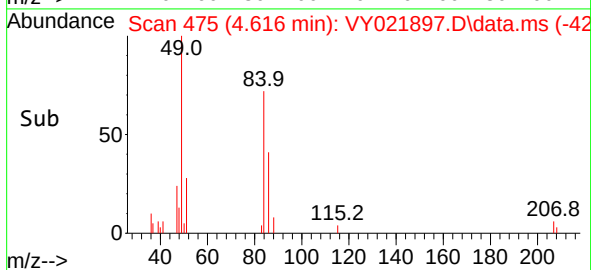
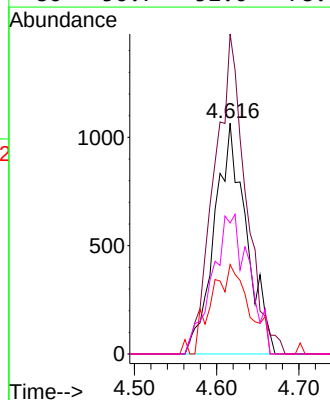
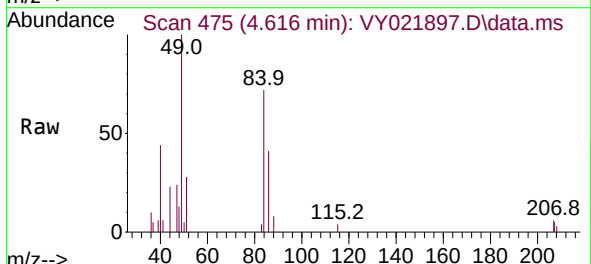
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

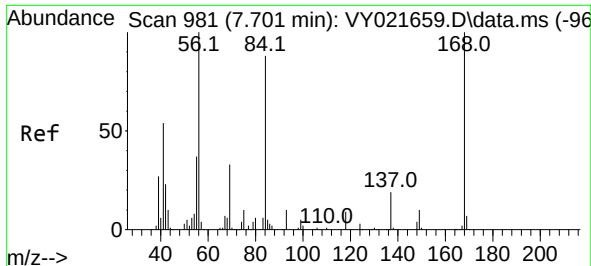
Tgt Ion:168 Resp: 271240
Ion Ratio Lower Upper
168 100
99 56.4 46.7 70.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021897.D
Acq: 15 Apr 2025 15:35

Tgt Ion: 84 Resp: 2872
Ion Ratio Lower Upper
84 100
49 138.7 102.8 154.2
51 38.8 33.5 50.3
86 56.7 52.0 78.0

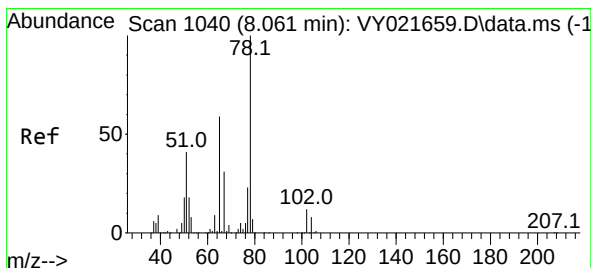
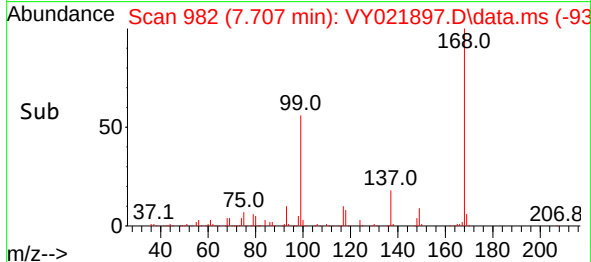
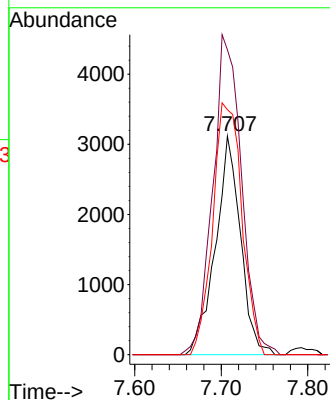
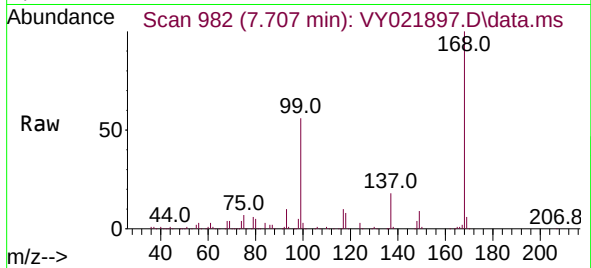




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021897.D
Acq: 15 Apr 2025 15:35

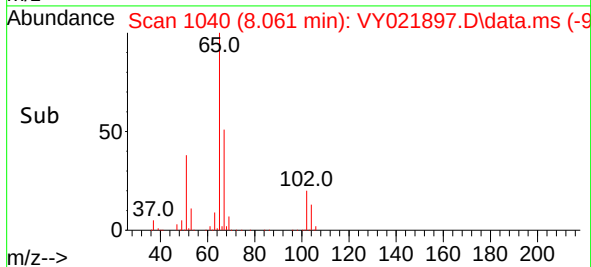
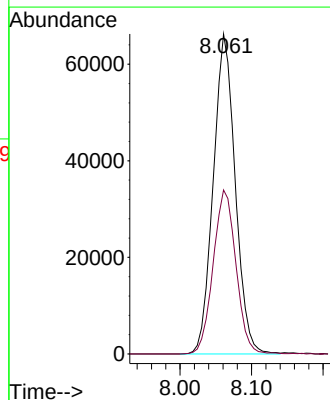
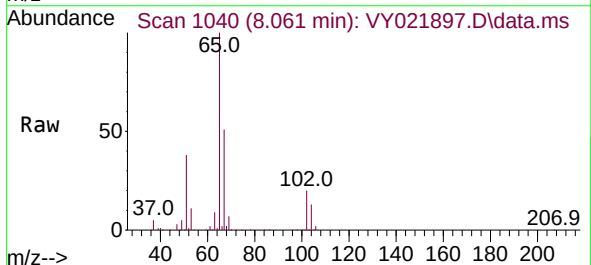
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

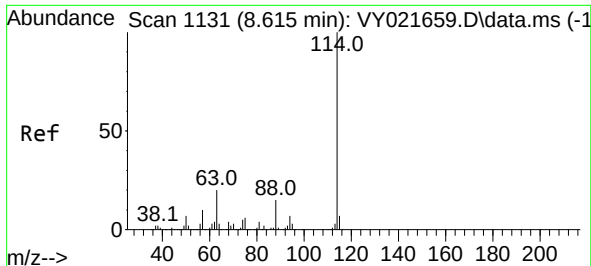
Tgt Ion: 56 Resp: 6277
Ion Ratio Lower Upper
56 100
69 139.5 26.6 40.0#
84 112.1 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 48.137 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021897.D
Acq: 15 Apr 2025 15:35

Tgt Ion: 65 Resp: 141466
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.6

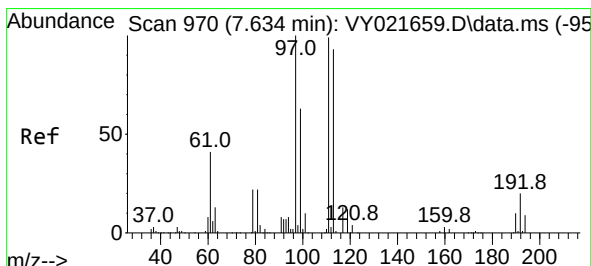
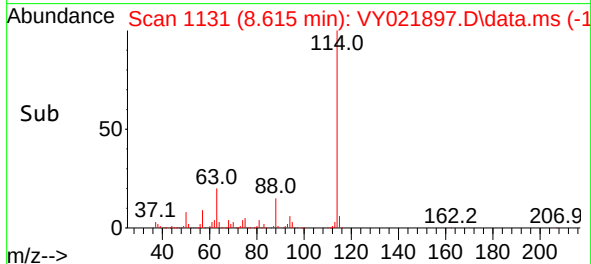
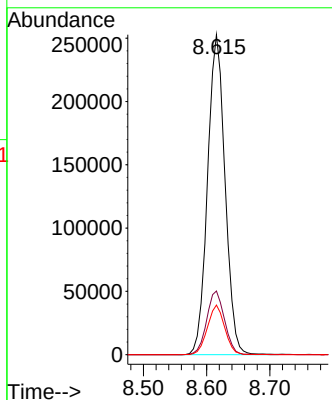
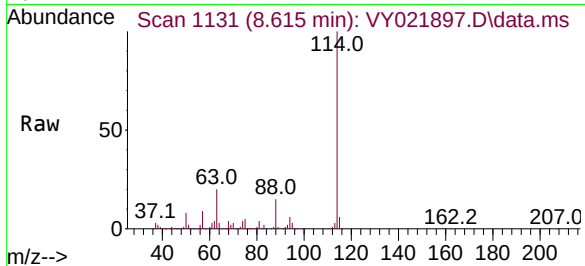




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021897.D
Acq: 15 Apr 2025 15:35

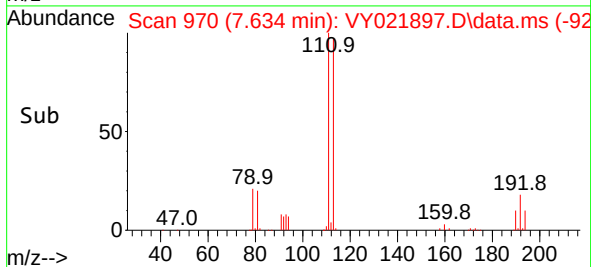
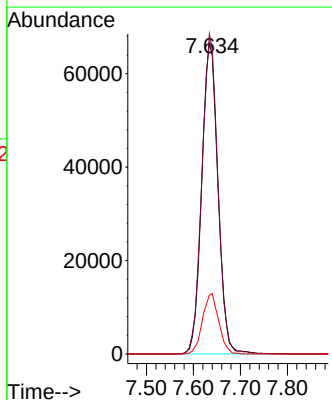
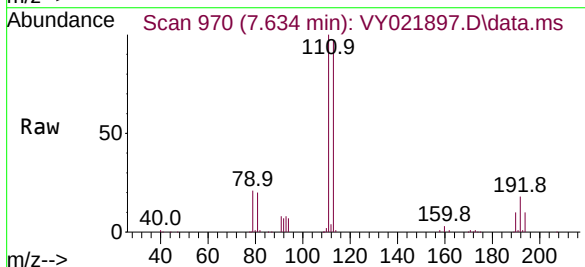
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

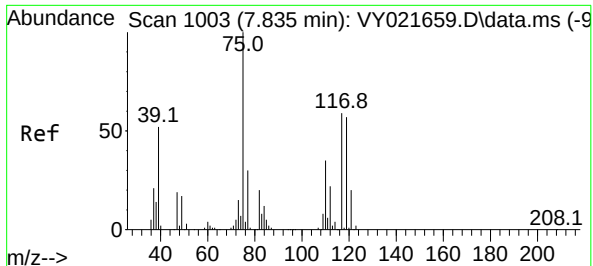
Tgt Ion:114 Resp: 485277
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.2
88 15.5 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.663 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021897.D
Acq: 15 Apr 2025 15:35

Tgt Ion:113 Resp: 159482
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.3 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.314 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY021897.D

Acq: 15 Apr 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

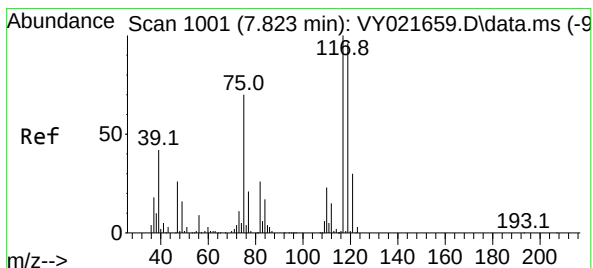
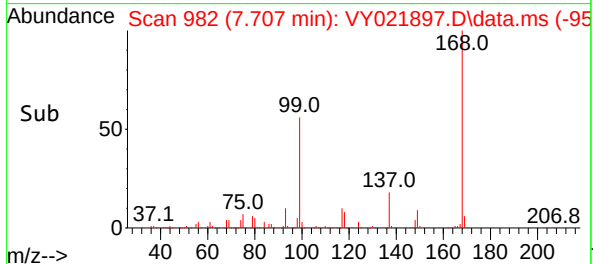
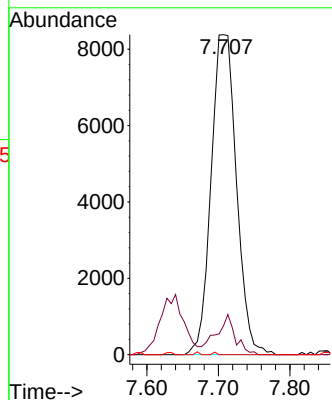
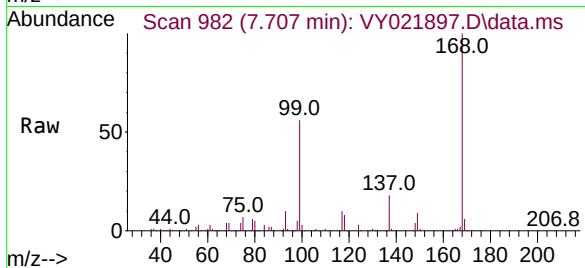
Tgt Ion: 75 Resp: 20683

Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

77 0.1 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.081 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY021897.D

Acq: 15 Apr 2025 15:35

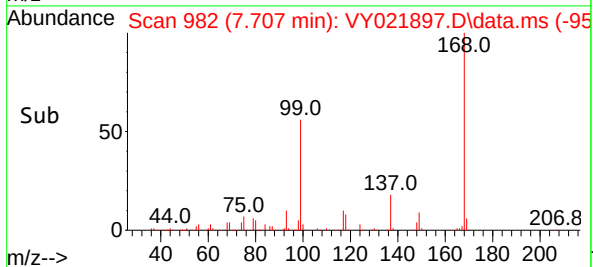
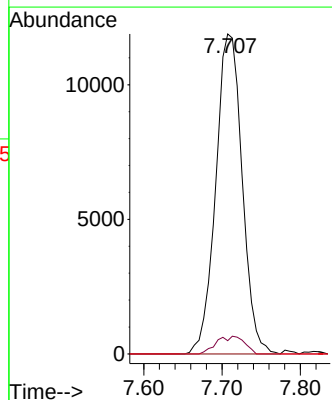
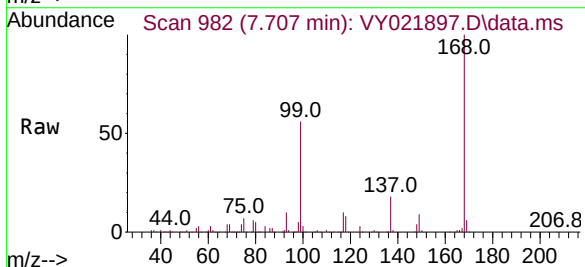
Tgt Ion: 117 Resp: 27902

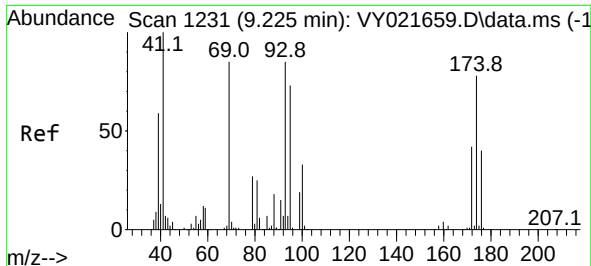
Ion Ratio Lower Upper

117 100

119 4.1 76.2 114.4#

121 0.0 24.2 36.4#





#49

1,4-Dioxane

Concen: 2.335 ug/l

RT: 8.951 min Scan# 1186

Delta R.T. -0.274 min

Lab File: VY021897.D

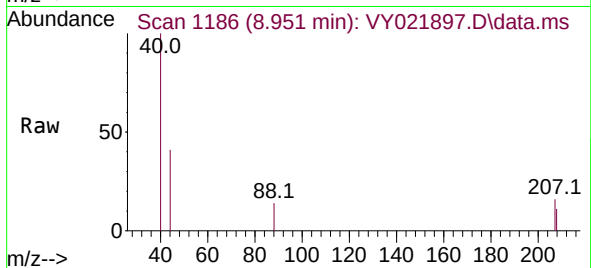
Acq: 15 Apr 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

IBLK



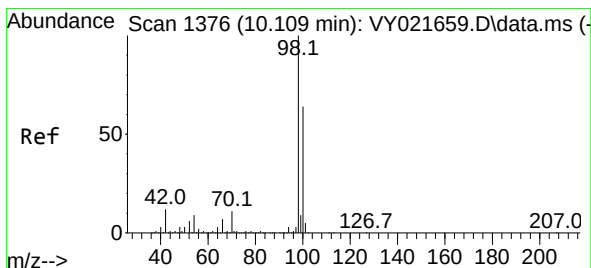
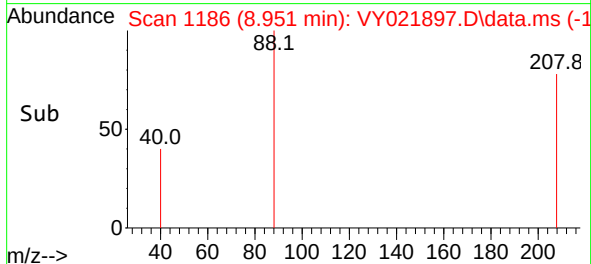
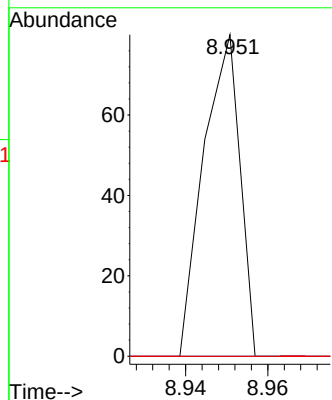
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 0.0 28.8 43.2#

58 0.0 59.4 89.2#



#50

Toluene-d8

Concen: 48.626 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021897.D

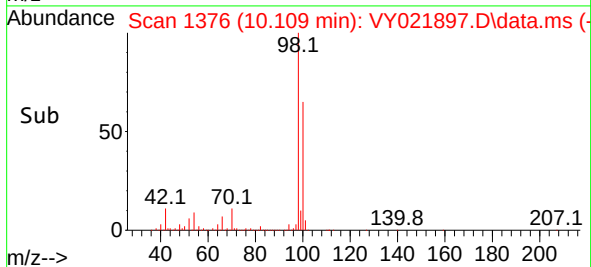
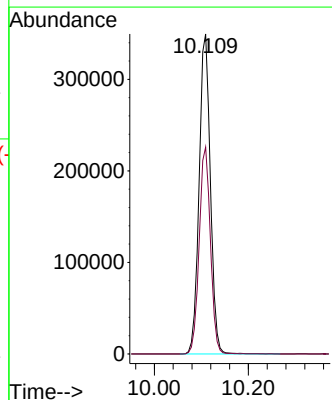
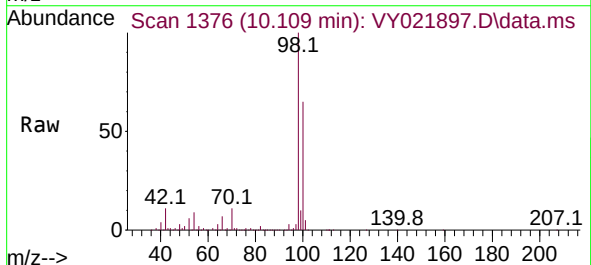
Acq: 15 Apr 2025 15:35

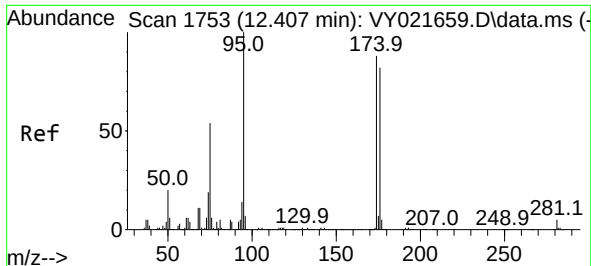
Tgt Ion: 98 Resp: 582325

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1

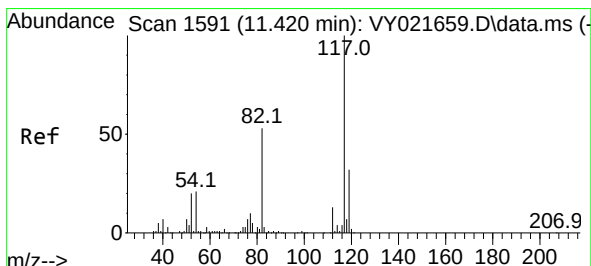
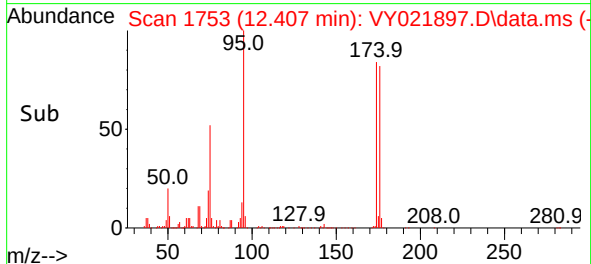
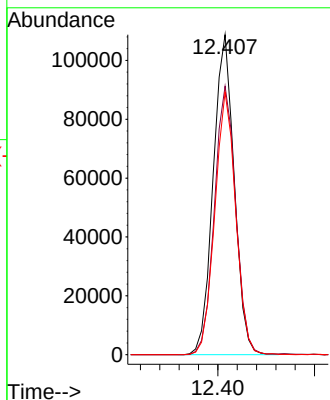
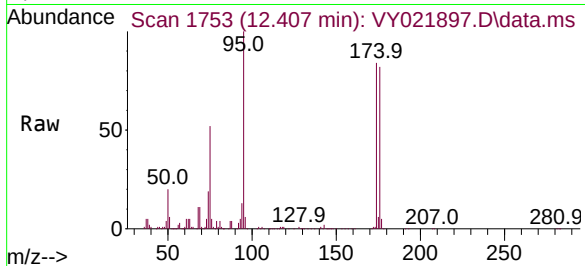




#62
4-Bromofluorobenzene
Concen: 40.487 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021897.D
Acq: 15 Apr 2025 15:35

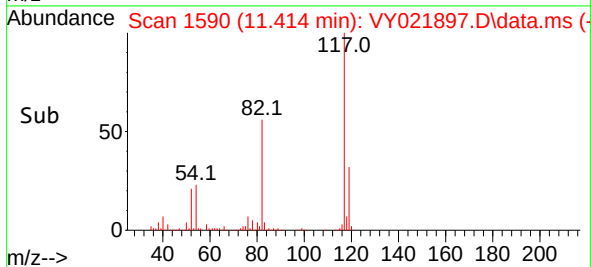
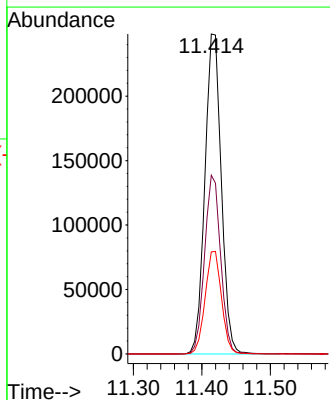
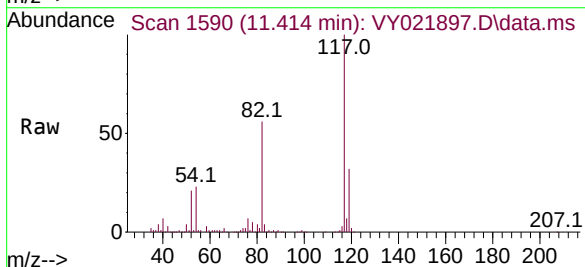
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

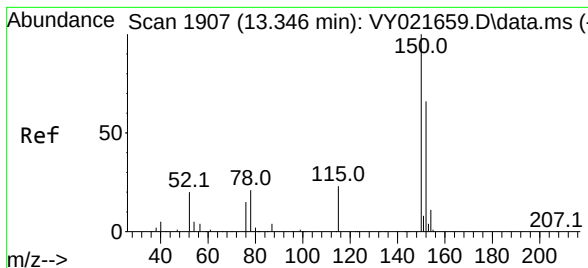
Tgt Ion: 95 Resp: 164000
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.8
176 81.5 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021897.D
Acq: 15 Apr 2025 15:35

Tgt Ion: 117 Resp: 414201
Ion Ratio Lower Upper
117 100
82 55.8 42.8 64.2
119 31.9 25.7 38.5

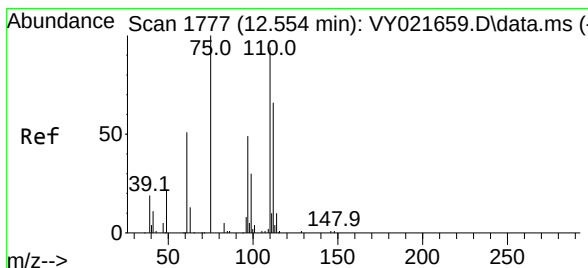
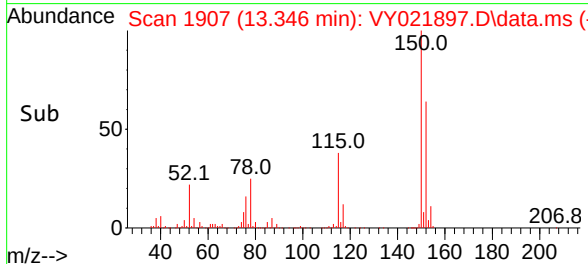
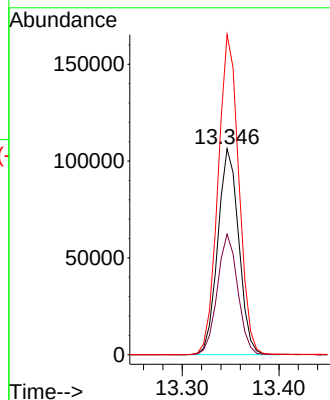
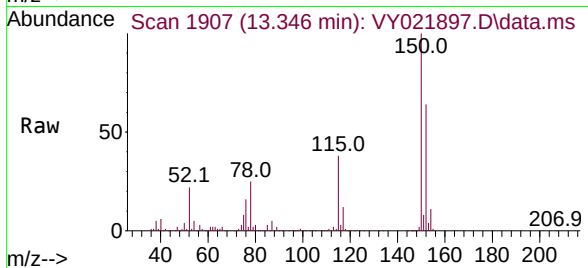




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021897.D
 Acq: 15 Apr 2025 15:35

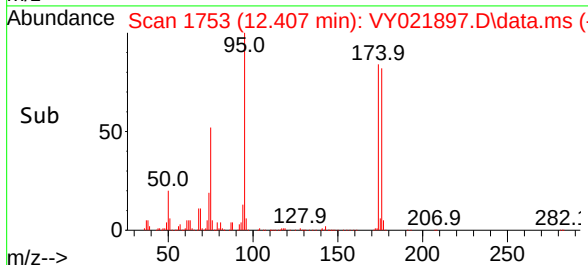
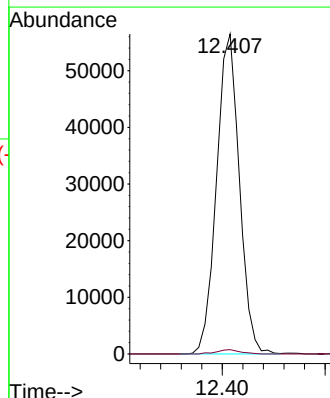
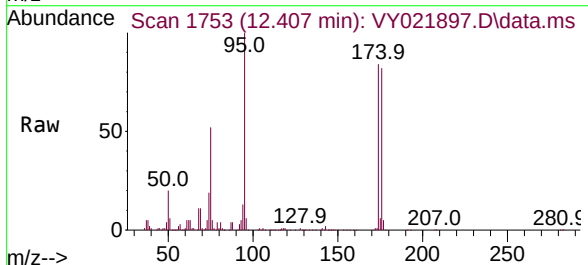
Instrument :
 MSVOA_Y
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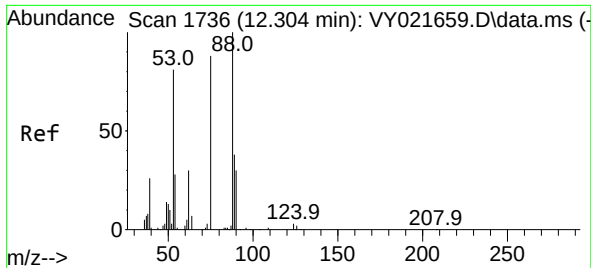
Tgt Ion:152 Resp: 159605
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.8 86.5
 150 154.6 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 54.942 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY021897.D
 Acq: 15 Apr 2025 15:35

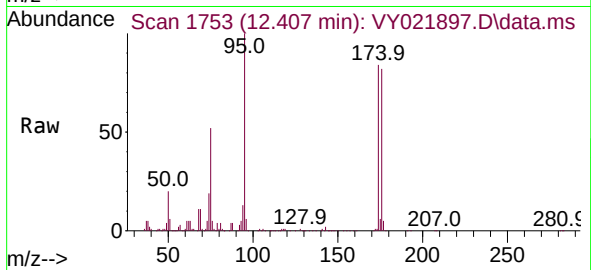
Tgt Ion: 75 Resp: 86924
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.596 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021897.D
 Acq: 15 Apr 2025 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 86924
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.2 54.4#

