

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021738.D
 Acq On : 01 Apr 2025 13:46
 Operator : SY/MD
 Sample : Q1675-12
 Misc : 8.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T6

Quant Time: Apr 02 03:23:15 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)

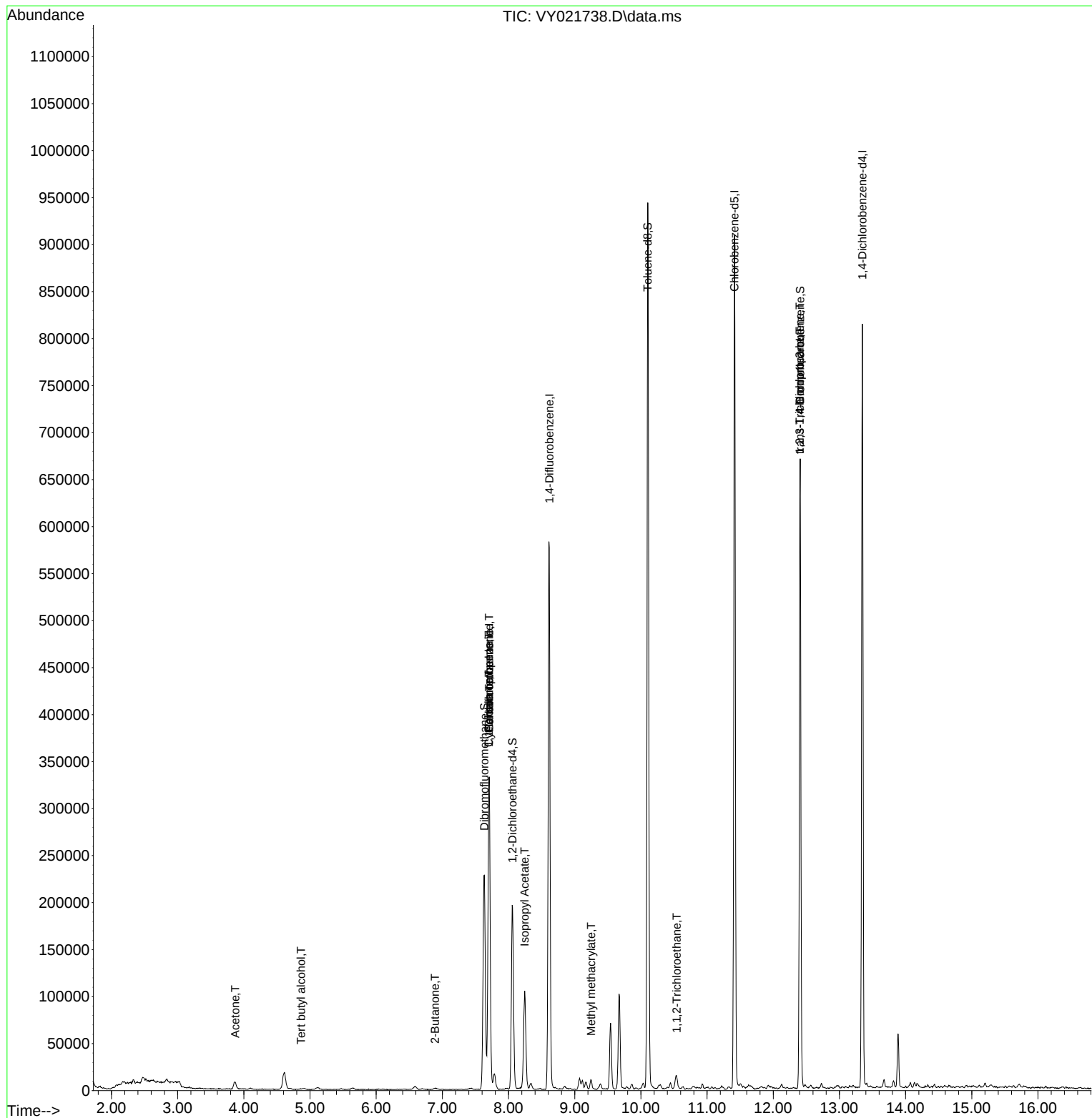
Internal Standards						
1) Pentafluorobenzene	7.707	168	250737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	486743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	457044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	197804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153980	56.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.360%	
35) Dibromofluoromethane	7.634	113	160111	50.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.420%	
50) Toluene-d8	10.103	98	601700	50.093	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.408	95	201813	49.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	182	1.031	ug/l	97
16) Acetone	3.872	43	12649	22.750	ug/l	95
25) 2-Butanone	6.890	43	1701	2.142	ug/l	99
31) Cyclohexane	7.701	56	6231	1.300	ug/l #	13
36) 1,1-Dichloropropene	7.701	75	20224	4.205	ug/l #	51
38) Carbon Tetrachloride	7.707	117	25281	4.590	ug/l #	17
43) Isopropyl Acetate	8.244	43	20093	4.671	ug/l #	61
48) Methyl methacrylate	9.250	41	3144	1.593	ug/l #	38
55) 1,1,2-Trichloroethane	10.542	97	2688	1.063	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	105767	53.942	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	105767	124.292	ug/l #	12

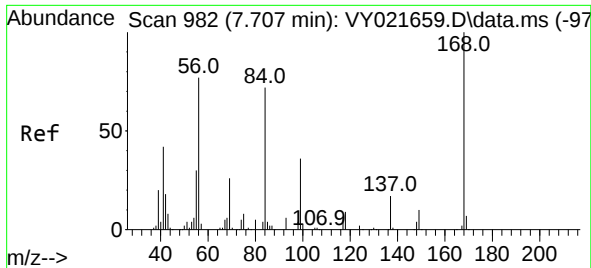
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
Data File : VY021738.D
Acq On : 01 Apr 2025 13:46
Operator : SY/MD
Sample : Q1675-12
Misc : 8.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T6

Quant Time: Apr 02 03:23:15 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

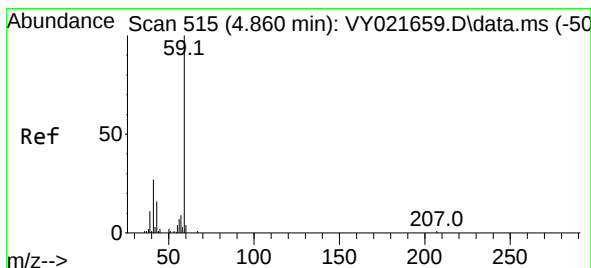
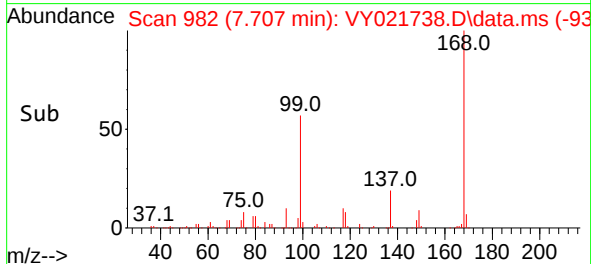
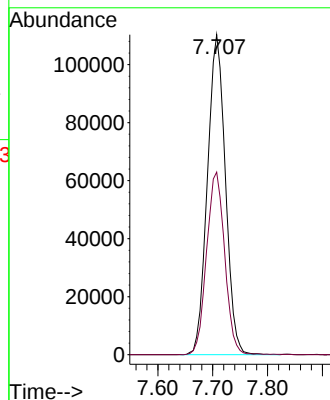
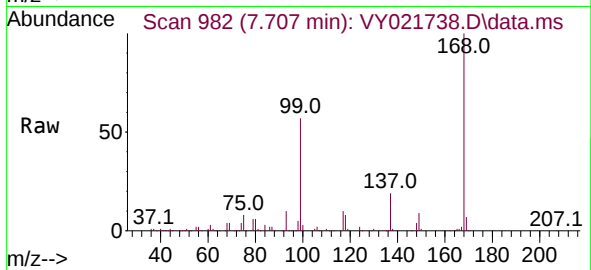




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021738.D
Acq: 01 Apr 2025 13:46

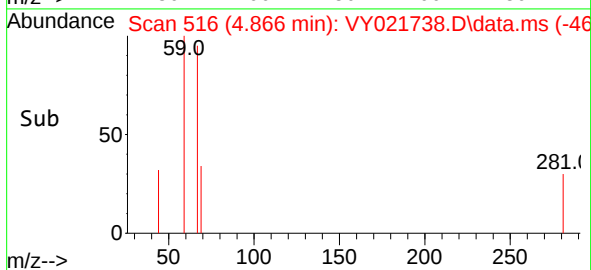
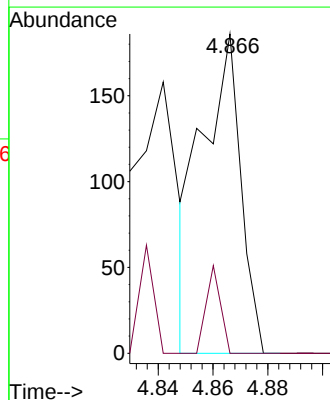
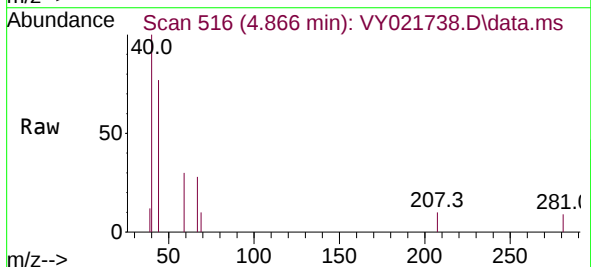
Instrument :
MSVOA_Y
ClientSampleId :
T6

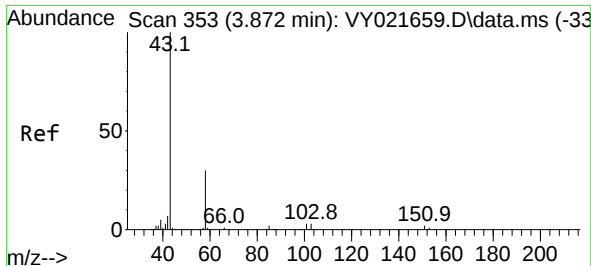
Tgt Ion:168 Resp: 250737
Ion Ratio Lower Upper
168 100
99 57.0 46.7 70.1



#11
Tert butyl alcohol
Concen: 1.031 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY021738.D
Acq: 01 Apr 2025 13:46

Tgt Ion: 59 Resp: 182
Ion Ratio Lower Upper
59 100
57 10.4 9.2 13.8





#16

Acetone

Concen: 22.750 ug/l

RT: 3.872 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY021738.D

Acq: 01 Apr 2025 13:46

Instrument :

MSVOA_Y

ClientSampleId :

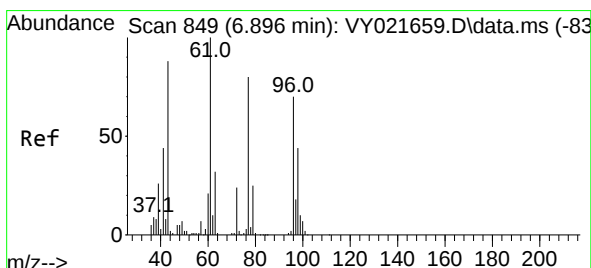
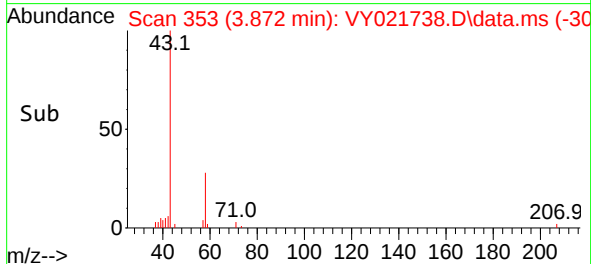
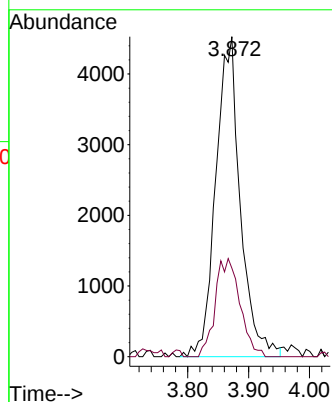
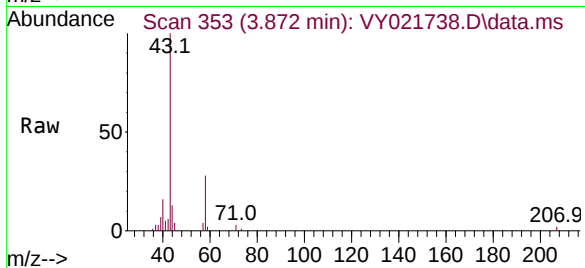
T6

Tgt Ion: 43 Resp: 12649

Ion Ratio Lower Upper

43 100

58 27.6 24.2 36.4



#25

2-Butanone

Concen: 2.142 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY021738.D

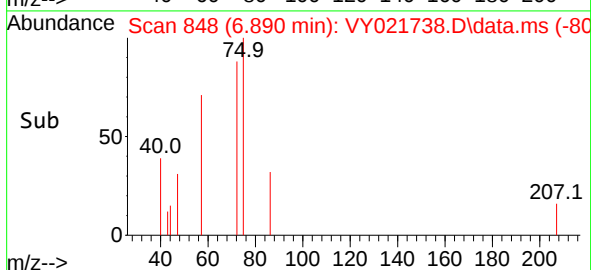
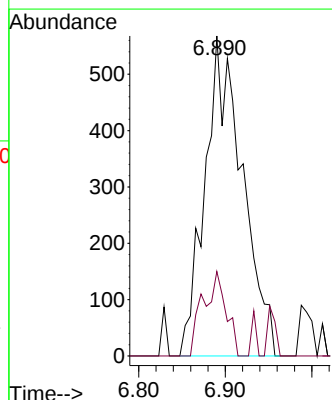
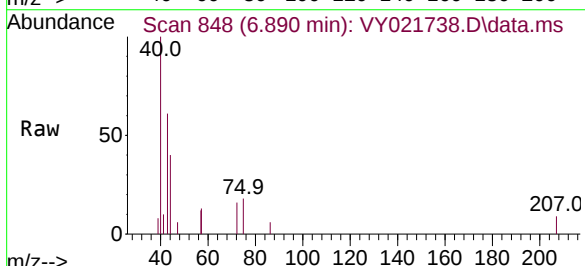
Acq: 01 Apr 2025 13:46

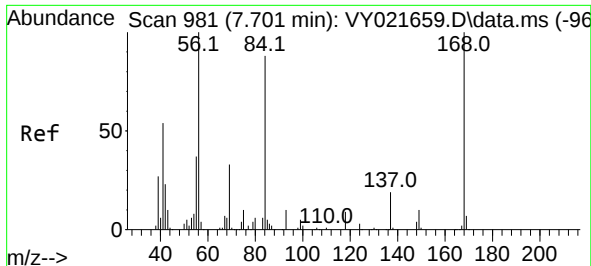
Tgt Ion: 43 Resp: 1701

Ion Ratio Lower Upper

43 100

72 26.4 21.4 32.2

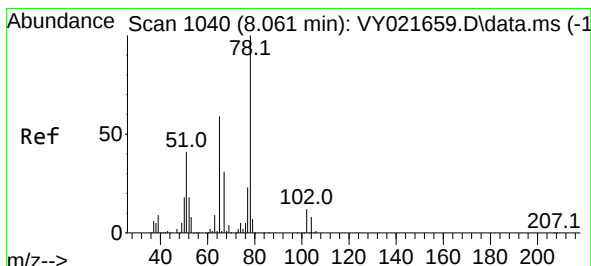
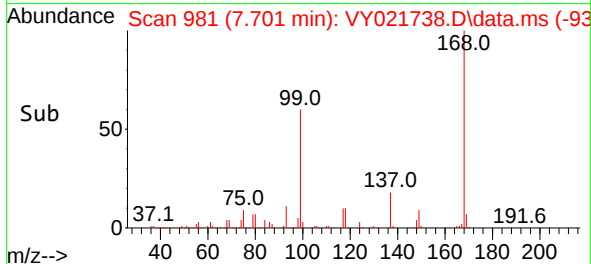
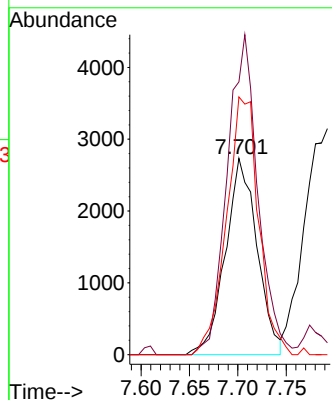
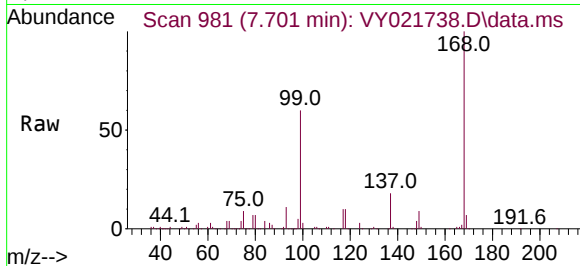




#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021738.D
Acq: 01 Apr 2025 13:46

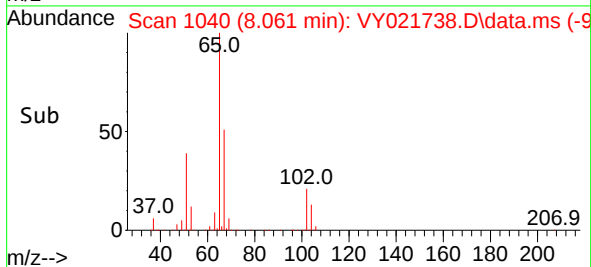
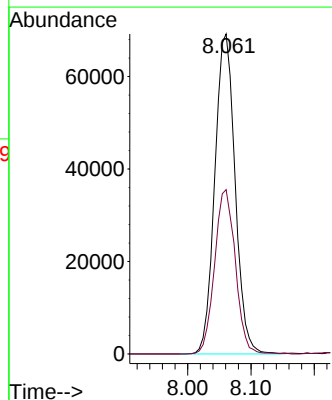
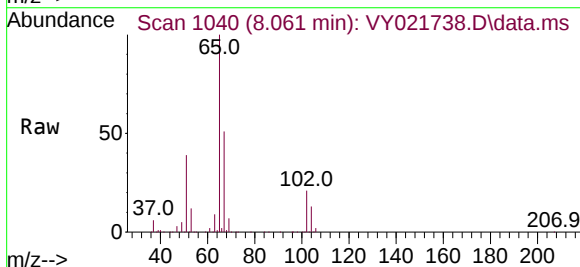
Instrument :
MSVOA_Y
ClientSampleId :
T6

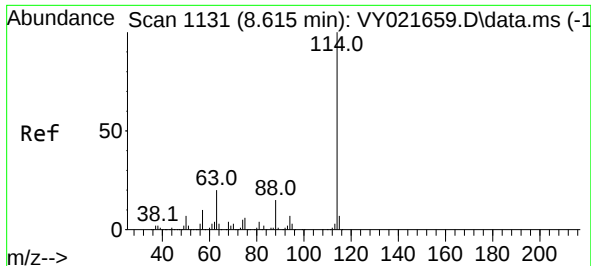
Tgt Ion: 56 Resp: 6231
Ion Ratio Lower Upper
56 100
69 139.0 26.6 40.0#
84 131.3 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 56.680 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021738.D
Acq: 01 Apr 2025 13:46

Tgt Ion: 65 Resp: 153980
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6

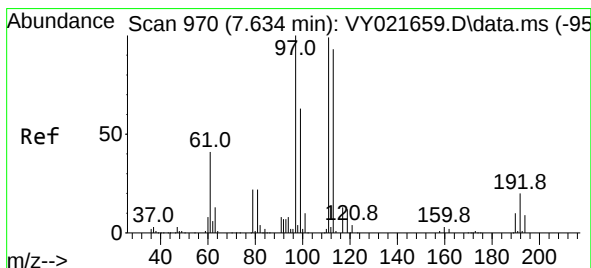
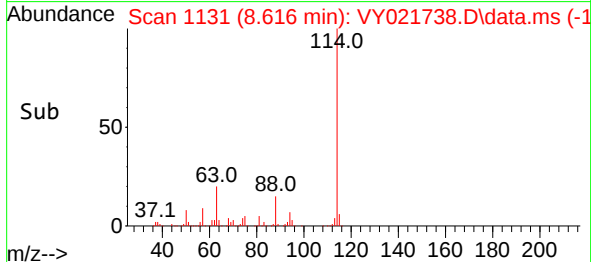
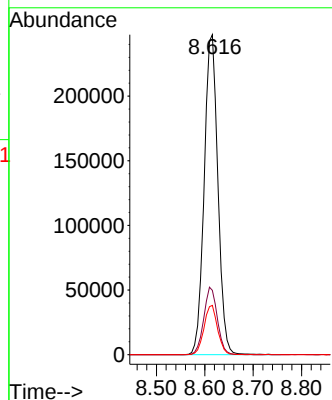
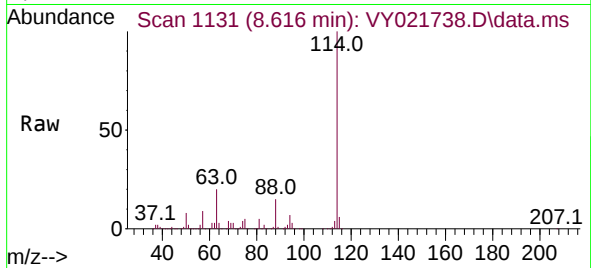




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021738.D
Acq: 01 Apr 2025 13:46

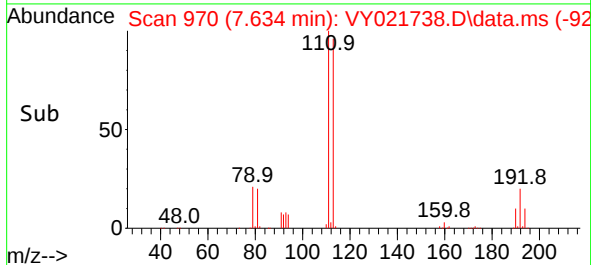
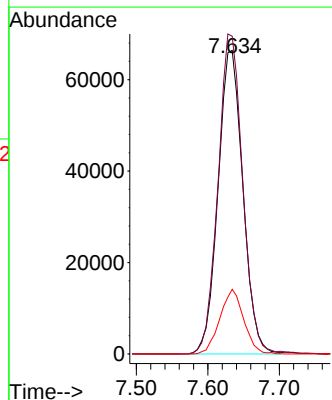
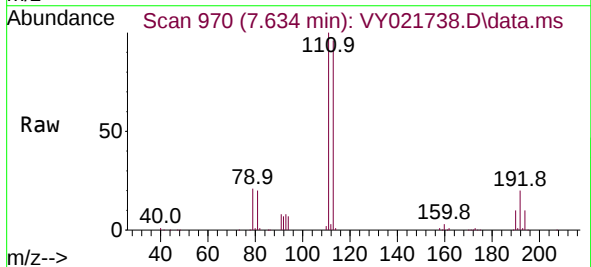
Instrument :
MSVOA_Y
ClientSampleId :
T6

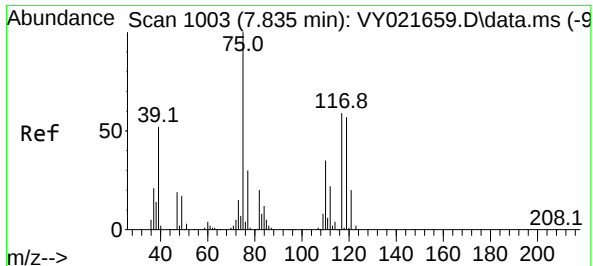
Tgt Ion:114 Resp: 486743
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.2
88 15.4 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.709 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021738.D
Acq: 01 Apr 2025 13:46

Tgt Ion:113 Resp: 160111
Ion Ratio Lower Upper
113 100
111 105.0 82.6 123.8
192 20.5 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.205 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

Lab File: VY021738.D

Acq: 01 Apr 2025 13:46

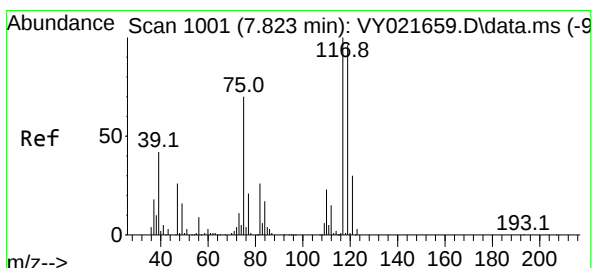
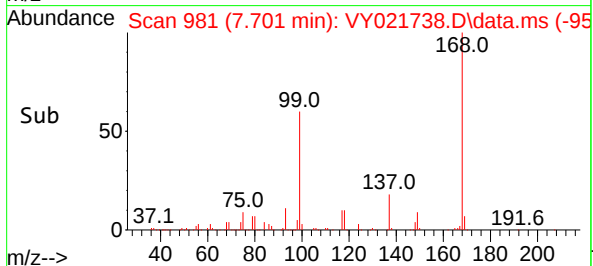
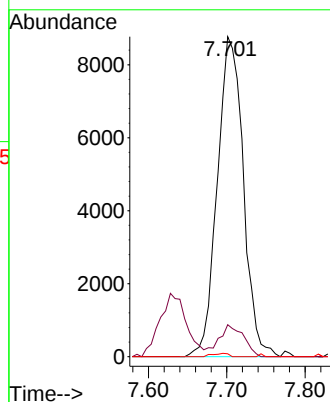
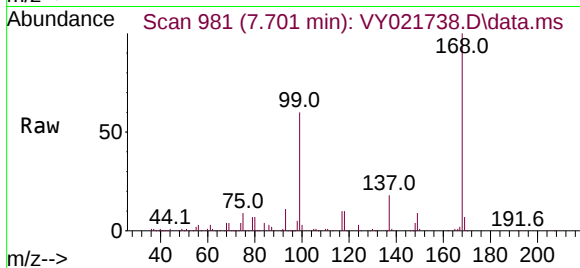
Instrument :

MSVOA_Y

ClientSampleId :

T6

Tgt Ion:	75	Resp:	20224
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.0	50.9#
77	0.6	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 4.590 ug/l

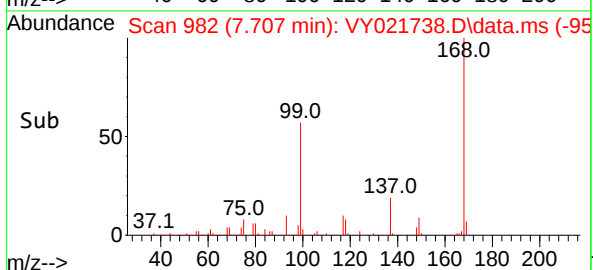
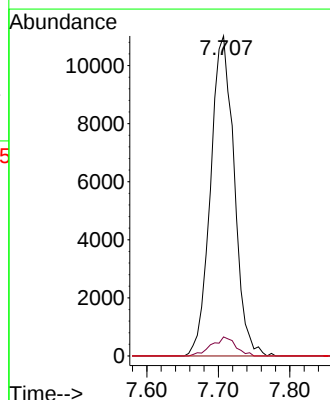
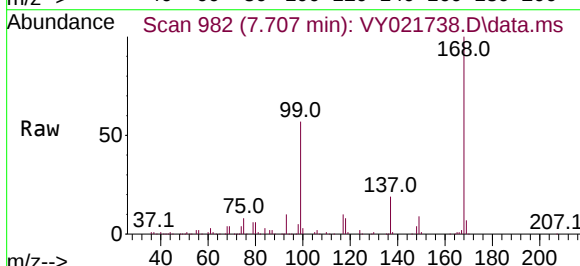
RT: 7.707 min Scan# 982

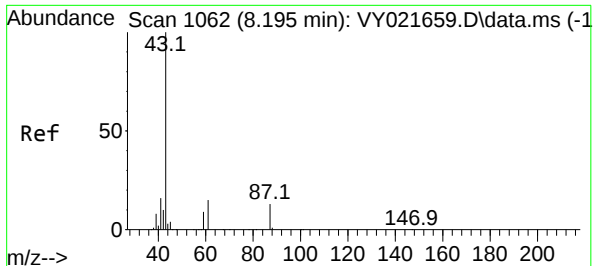
Delta R.T. -0.116 min

Lab File: VY021738.D

Acq: 01 Apr 2025 13:46

Tgt Ion:	117	Resp:	25281
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.2	114.4#
121	0.0	24.2	36.4#





#43

Isopropyl Acetate

Concen: 4.671 ug/l

RT: 8.244 min Scan# 1070

Delta R.T. 0.049 min

Lab File: VY021738.D

Acq: 01 Apr 2025 13:46

Instrument :

MSVOA_Y

ClientSampleId :

T6

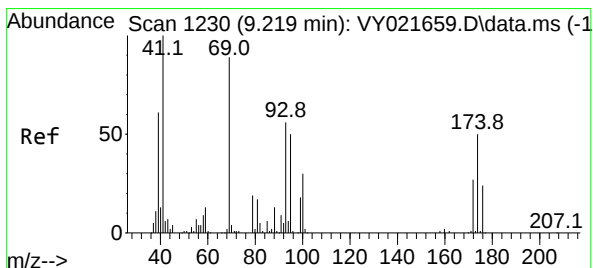
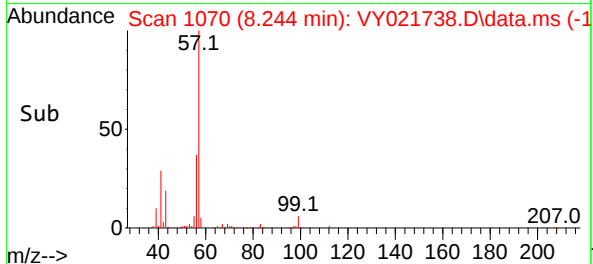
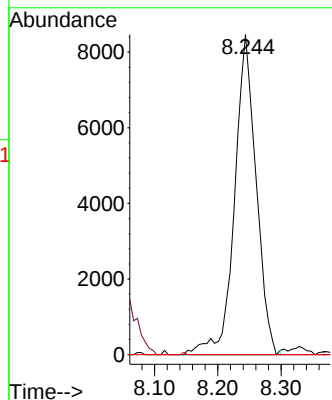
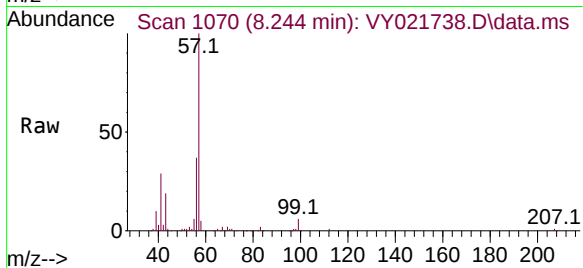
Tgt Ion: 43 Resp: 20093

Ion Ratio Lower Upper

43 100

61 0.0 15.9 23.9#

87 0.0 10.4 15.6#



#48

Methyl methacrylate

Concen: 1.593 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. 0.031 min

Lab File: VY021738.D

Acq: 01 Apr 2025 13:46

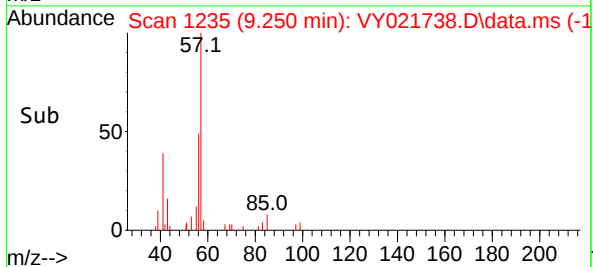
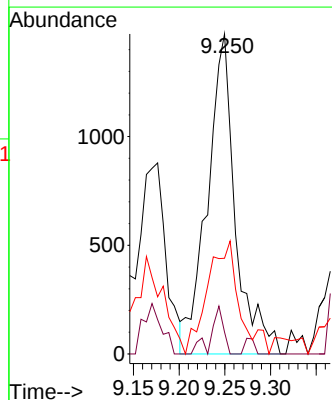
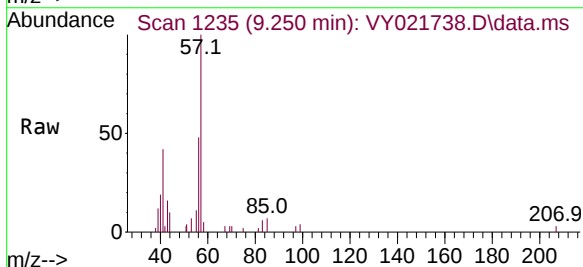
Tgt Ion: 41 Resp: 3144

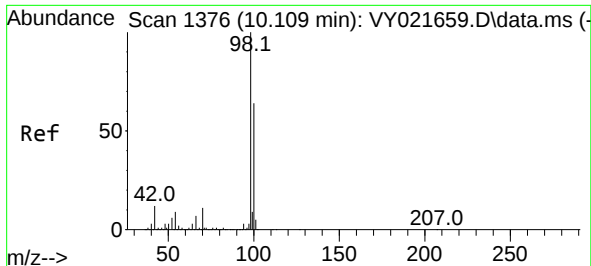
Ion Ratio Lower Upper

41 100

69 6.7 69.8 104.8#

39 39.9 47.2 70.8#

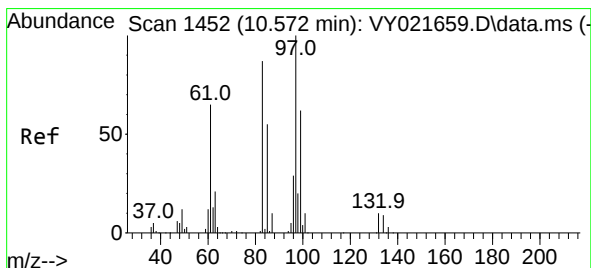
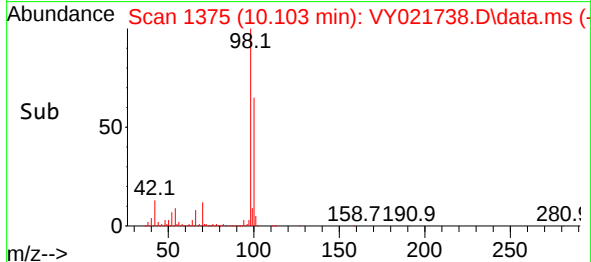
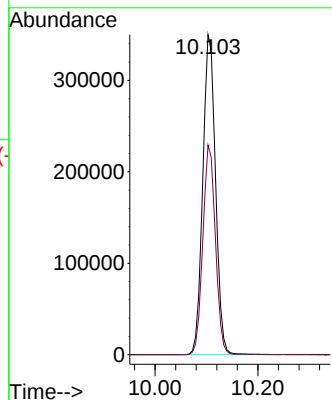
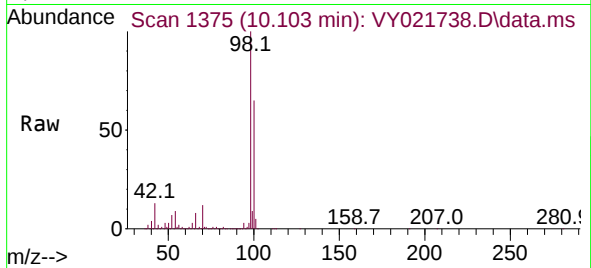




#50
Toluene-d8
Concen: 50.093 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021738.D
Acq: 01 Apr 2025 13:46

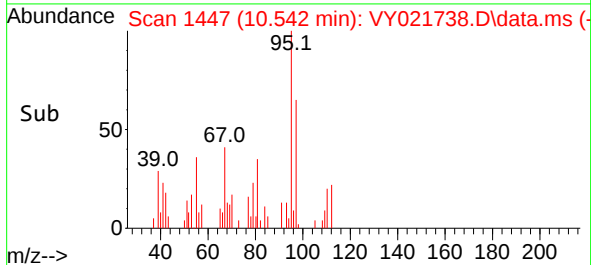
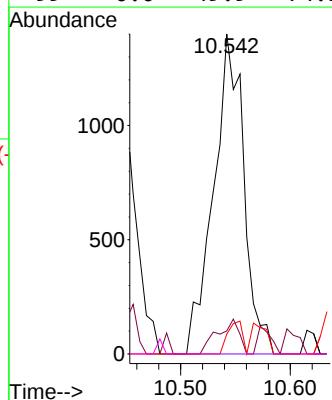
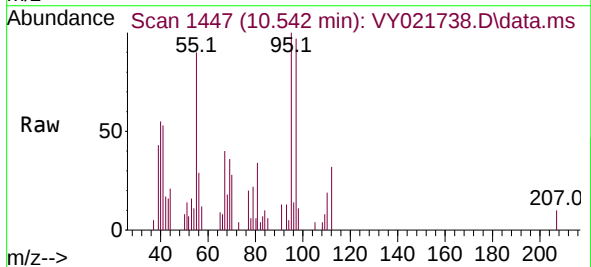
Instrument :
MSVOA_Y
ClientSampleId :
T6

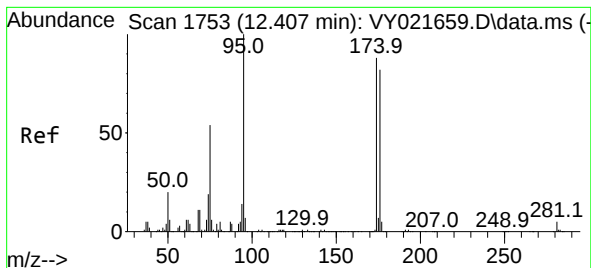
Tgt Ion: 98 Resp: 601700
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#55
1,1,2-Trichloroethane
Concen: 1.063 ug/l
RT: 10.542 min Scan# 1447
Delta R.T. -0.030 min
Lab File: VY021738.D
Acq: 01 Apr 2025 13:46

Tgt Ion: 97 Resp: 2688
Ion Ratio Lower Upper
97 100
83 7.2 69.5 104.3#
85 6.2 43.9 65.9#
99 0.0 49.9 74.9#

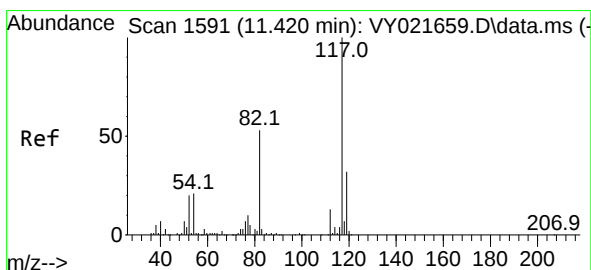
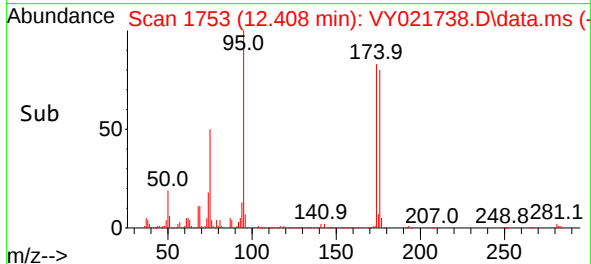
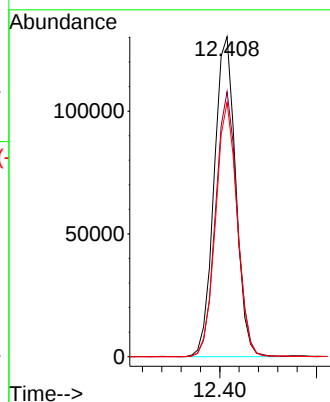
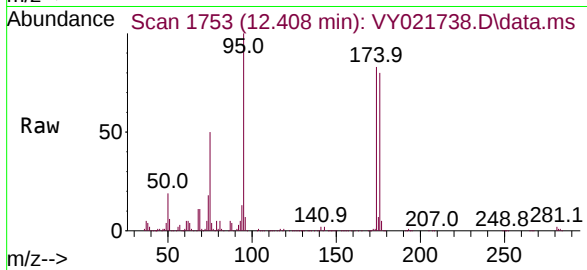




#62
4-Bromofluorobenzene
Concen: 49.672 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021738.D
Acq: 01 Apr 2025 13:46

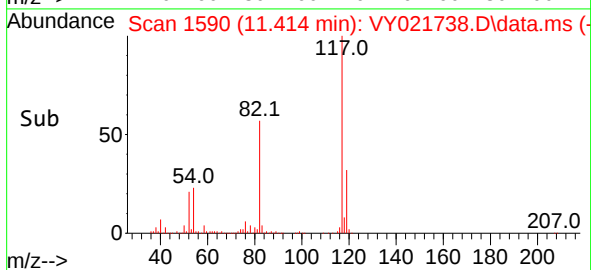
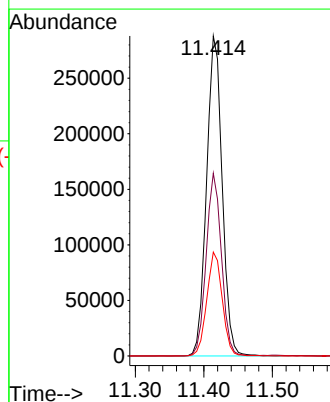
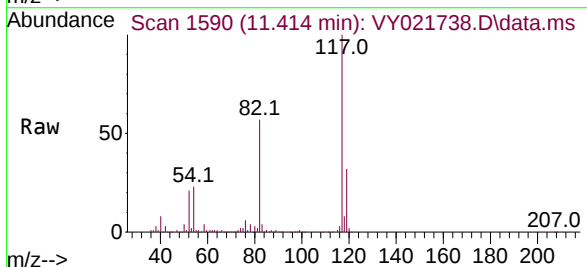
Instrument :
MSVOA_Y
ClientSampleId :
T6

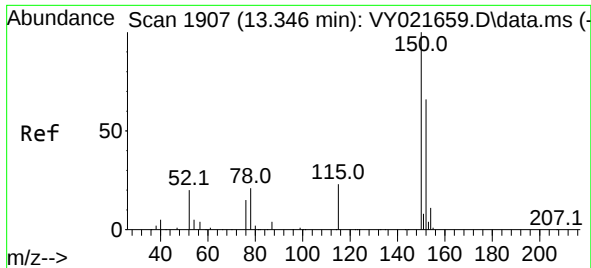
Tgt Ion: 95 Resp: 201813
Ion Ratio Lower Upper
95 100
174 82.3 0.0 170.8
176 79.2 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021738.D
Acq: 01 Apr 2025 13:46

Tgt Ion: 117 Resp: 457044
Ion Ratio Lower Upper
117 100
82 57.1 42.8 64.2
119 32.5 25.7 38.5

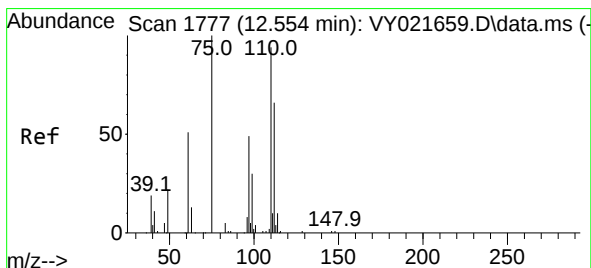
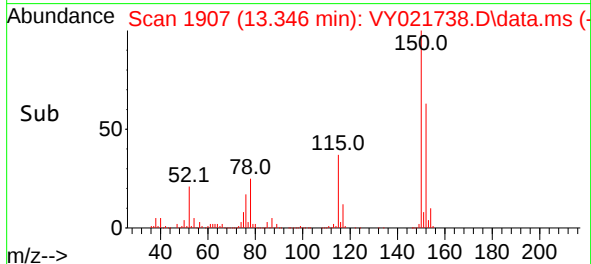
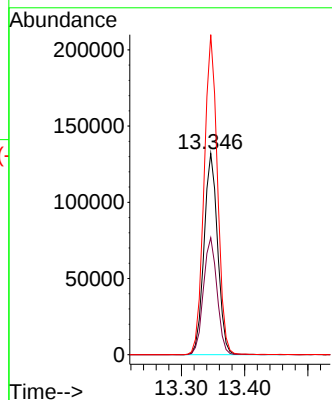
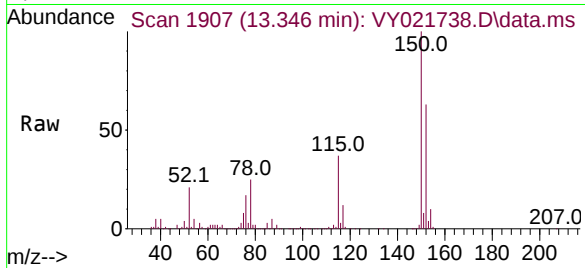




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021738.D
 Acq: 01 Apr 2025 13:46

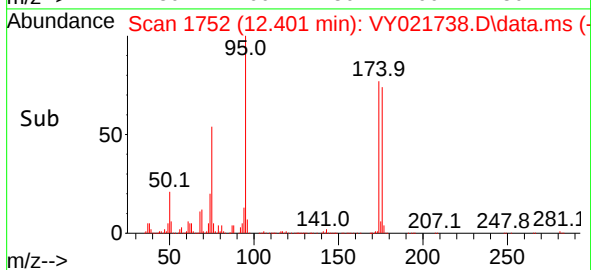
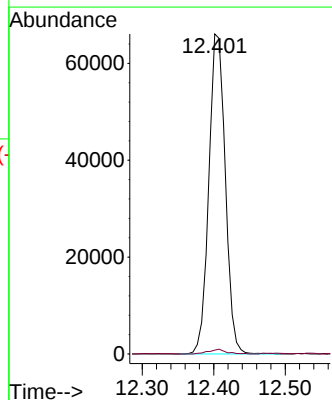
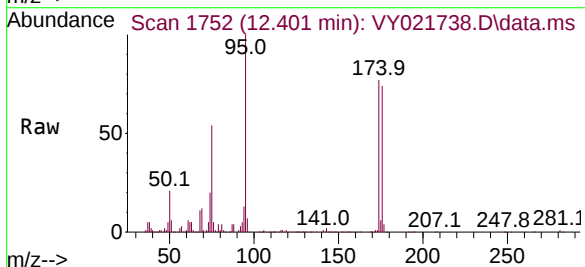
Instrument :
 MSVOA_Y
 ClientSampleId :
 T6

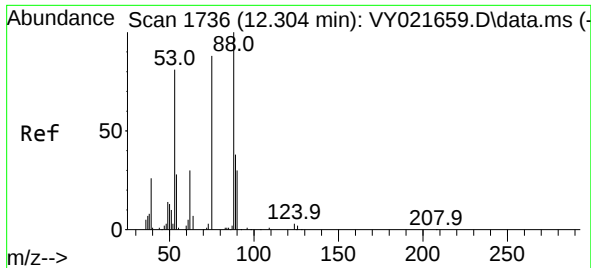
Tgt Ion:152 Resp: 197804
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 156.7 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 53.942 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY021738.D
 Acq: 01 Apr 2025 13:46

Tgt Ion: 75 Resp: 105767
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.292 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY021738.D
 Acq: 01 Apr 2025 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 T6

Tgt Ion: 75 Resp: 105767
 Ion Ratio Lower Upper
 75 100
 53 0.3 76.1 114.1#
 89 0.1 36.2 54.4#

