

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021836.D
 Acq On : 10 Apr 2025 14:26
 Operator : SY/MD
 Sample : Q1744-03
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-158-SB02

Quant Time: Apr 11 01:50:58 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)

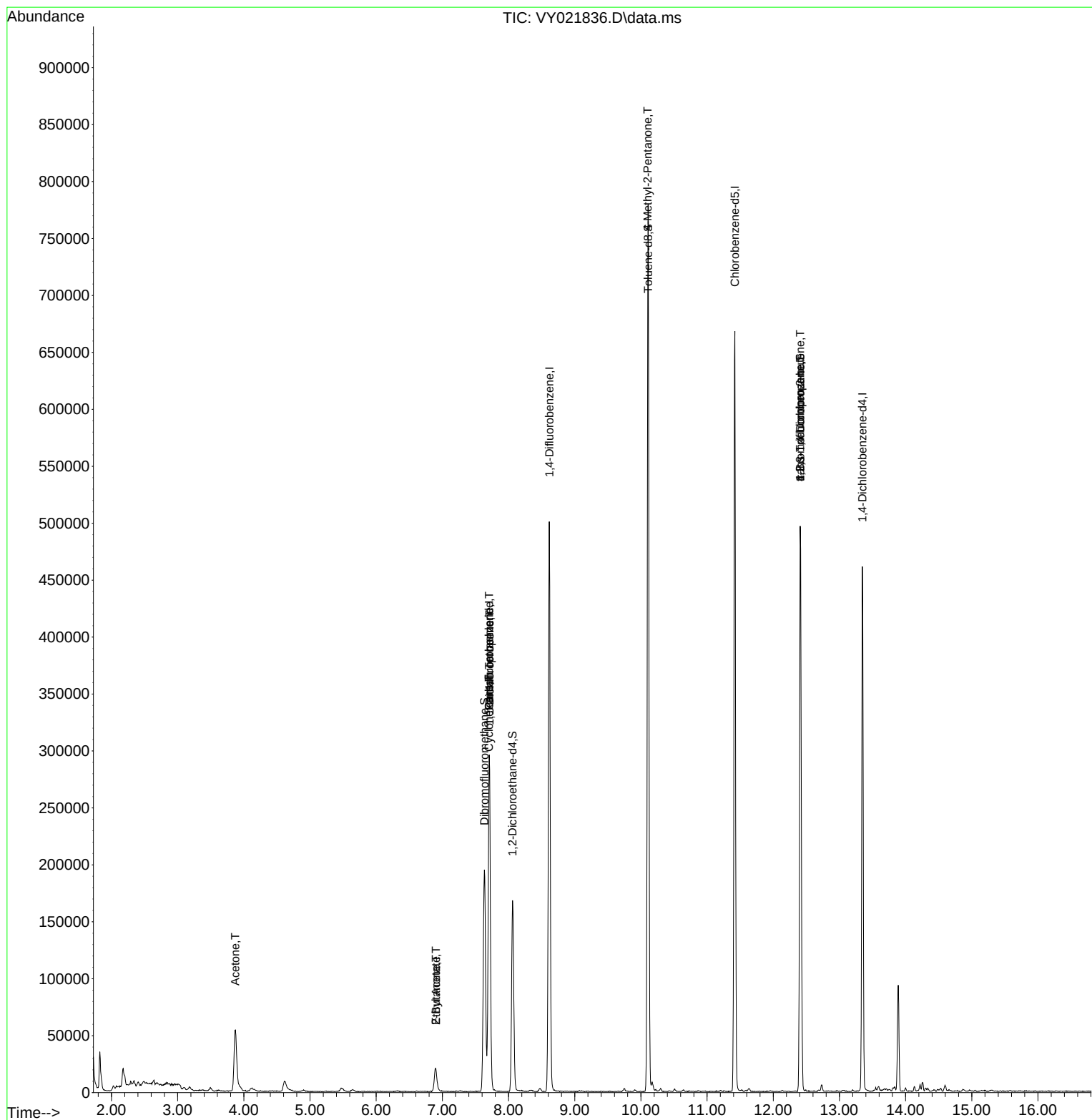
Internal Standards						
1) Pentafluorobenzene	7.707	168	221830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	407665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	345604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	111730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	134386	55.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.820%	
35) Dibromofluoromethane	7.634	113	139096	52.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.200%	
50) Toluene-d8	10.109	98	494435	49.147	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.300%	
62) 4-Bromofluorobenzene	12.408	95	127916	37.591	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.180%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	100429	204.168	ug/l	98
20) Methylene Chloride	4.616	84	6579	Below Cal		91
25) 2-Butanone	6.902	43	35647	50.737	ug/l	94
31) Cyclohexane	7.701	56	4869	1.148	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	17655	4.383	ug/l #	52
37) Ethyl Acetate	6.902	43	35647	18.752	ug/l #	69
38) Carbon Tetrachloride	7.707	117	23146	5.017	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	2852	1.521	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	69971	63.177	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	69971	145.571	ug/l #	12

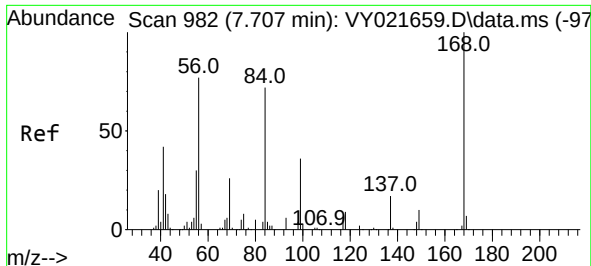
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
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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

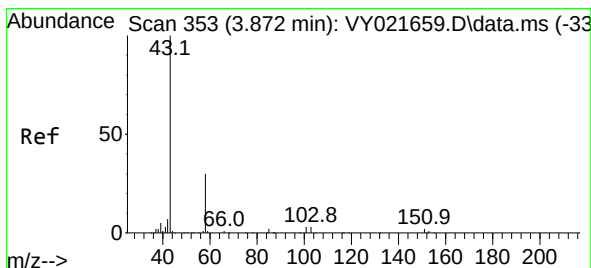
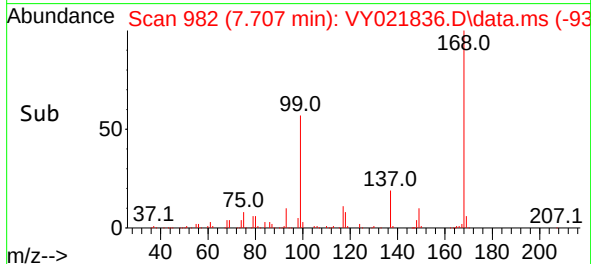
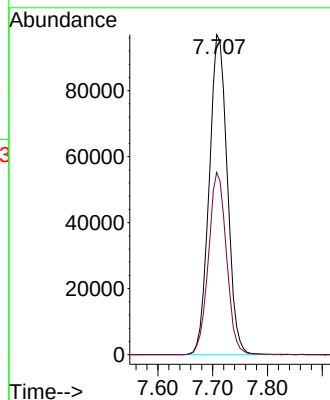
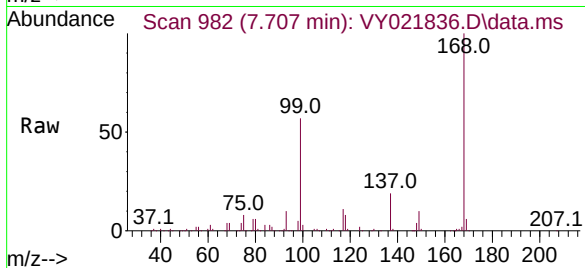




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021836.D
Acq: 10 Apr 2025 14:26

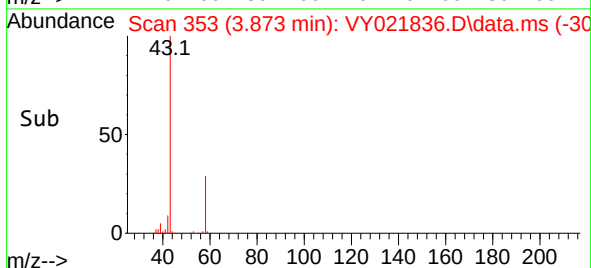
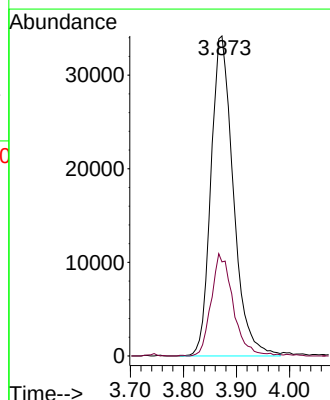
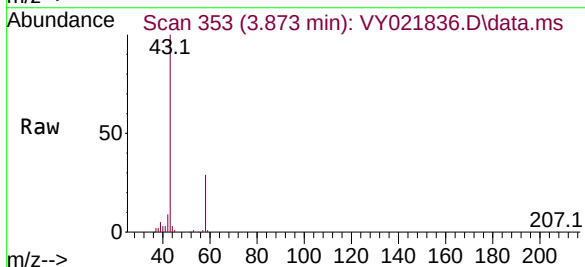
Instrument :
MSVOA_Y
ClientSampleId :
B-158-SB02

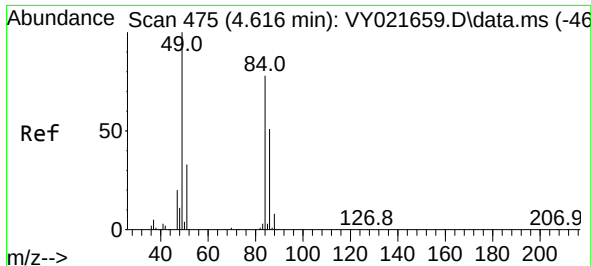
Tgt Ion:168 Resp: 221830
Ion Ratio Lower Upper
168 100
99 56.9 46.7 70.1



#16
Acetone
Concen: 204.168 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021836.D
Acq: 10 Apr 2025 14:26

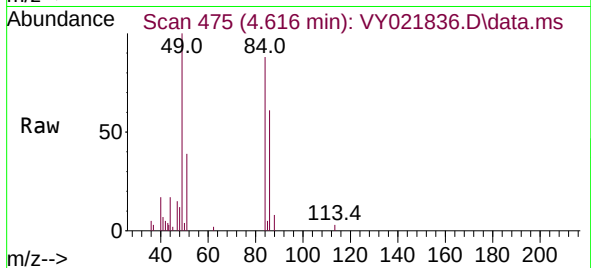
Tgt Ion: 43 Resp: 100429
Ion Ratio Lower Upper
43 100
58 29.2 24.2 36.4



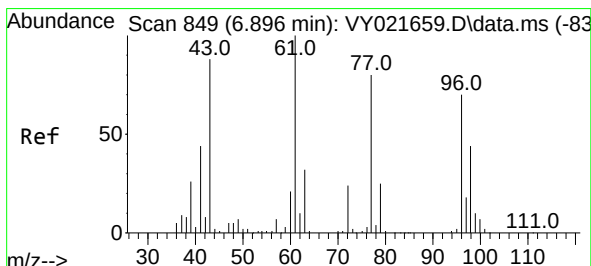
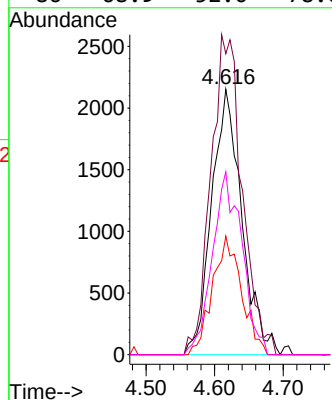
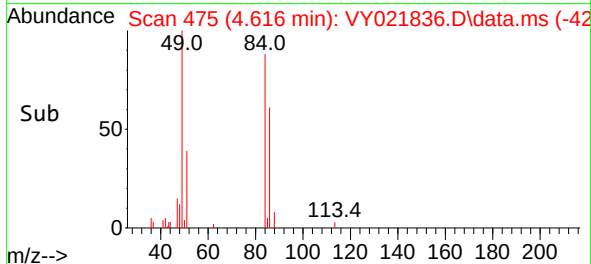


#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY021836.D
Acq: 10 Apr 2025 14:26

Instrument :
MSVOA_Y
ClientSampleId :
B-158-SB02

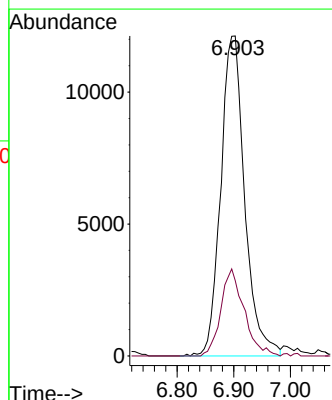
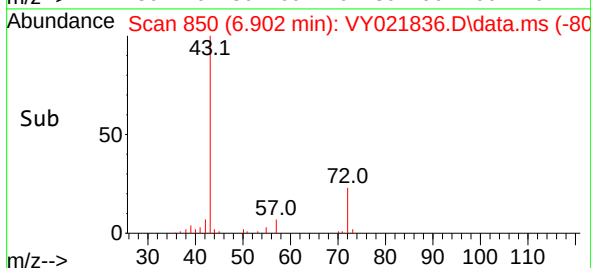
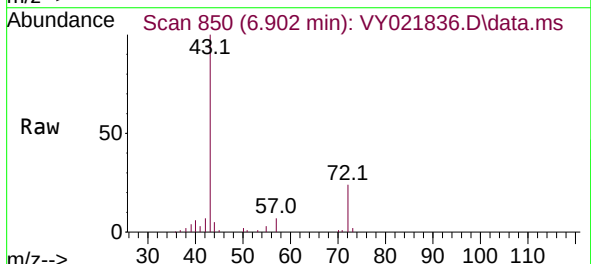


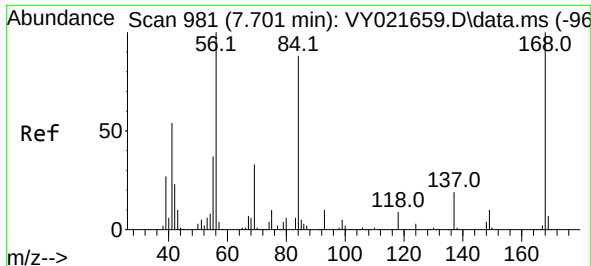
Tgt Ion: 84	Resp: 6579
Ion Ratio	Lower Upper
84 100	
49 113.4	102.8 154.2
51 44.7	33.5 50.3
86 68.9	52.0 78.0



#25
2-Butanone
Concen: 50.737 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY021836.D
Acq: 10 Apr 2025 14:26

Tgt Ion: 43	Resp: 35647
Ion Ratio	Lower Upper
43 100	
72 23.5	21.4 32.2

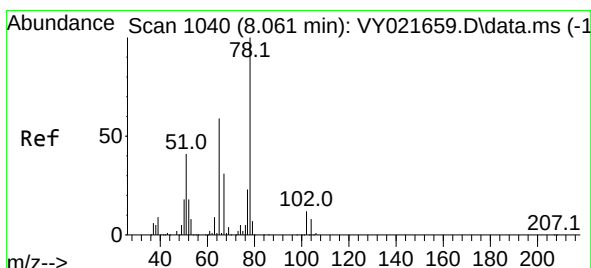
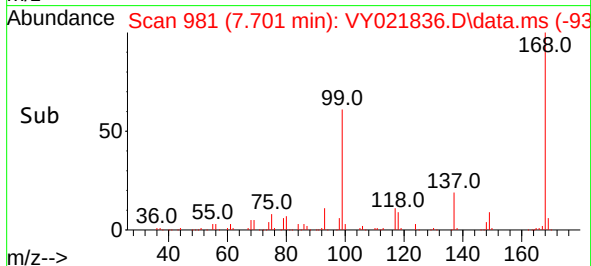
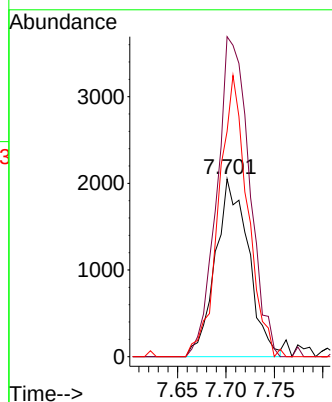
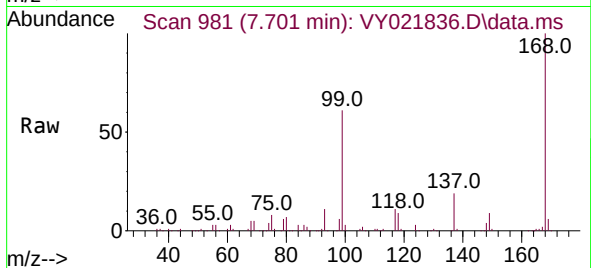




#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021836.D
Acq: 10 Apr 2025 14:26

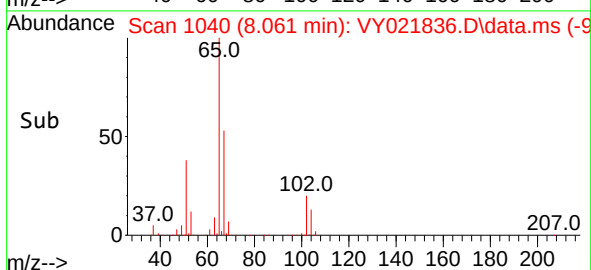
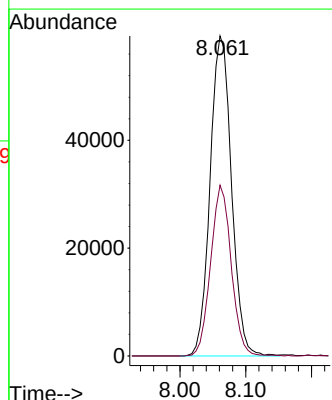
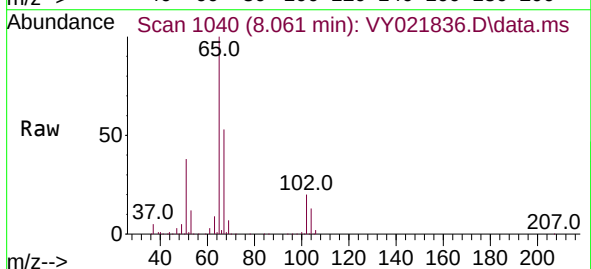
Instrument :
MSVOA_Y
ClientSampleId :
B-158-SB02

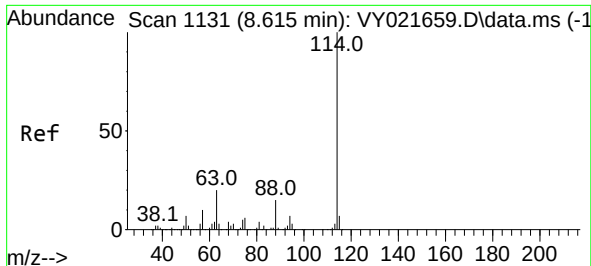
Tgt Ion: 56 Resp: 4869
Ion Ratio Lower Upper
56 100
69 180.1 26.6 40.0#
84 126.8 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 55.913 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021836.D
Acq: 10 Apr 2025 14:26

Tgt Ion: 65 Resp: 134386
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.6

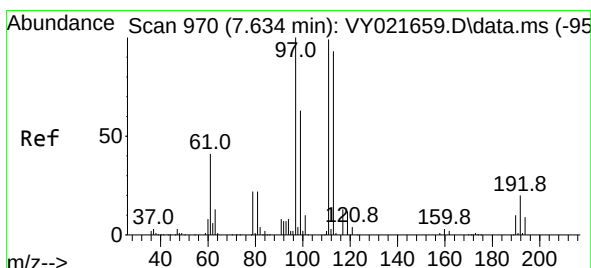
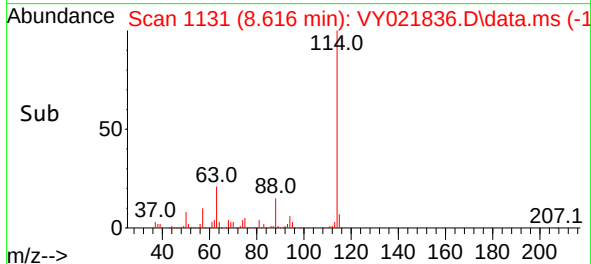
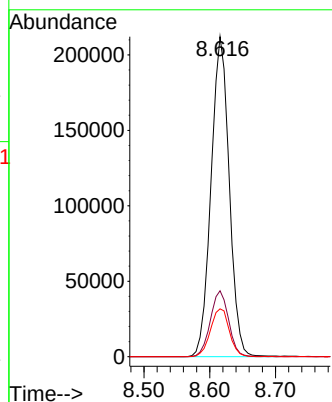
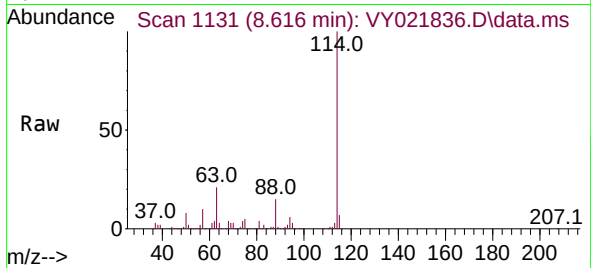




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021836.D
Acq: 10 Apr 2025 14:26

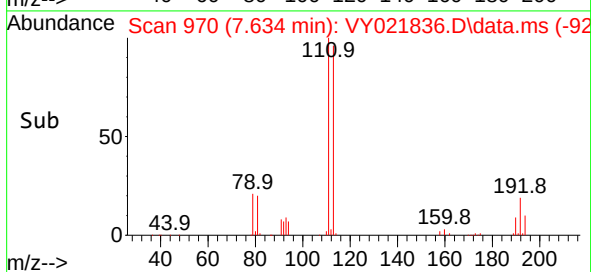
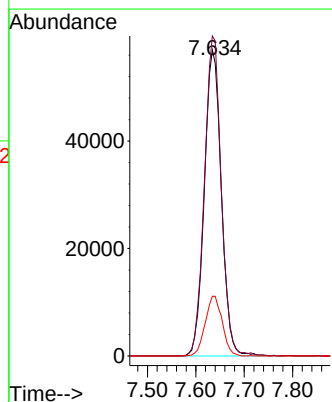
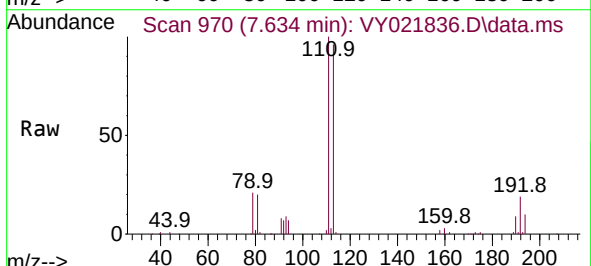
Instrument :
MSVOA_Y
ClientSampleId :
B-158-SB02

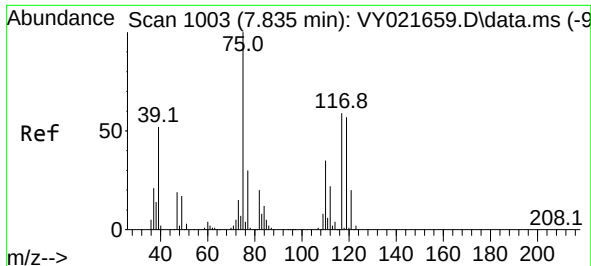
Tgt Ion:114 Resp: 407665
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.2
88 15.0 0.0 29.8



#35
Dibromofluoromethane
Concen: 52.599 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021836.D
Acq: 10 Apr 2025 14:26

Tgt Ion:113 Resp: 139096
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 19.5 16.2 24.4

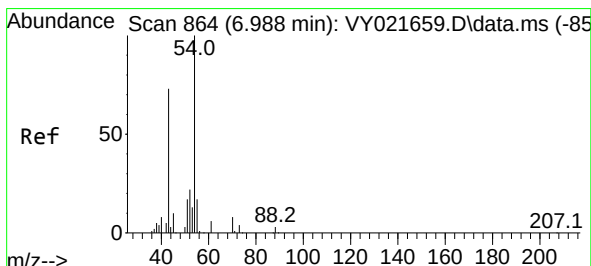
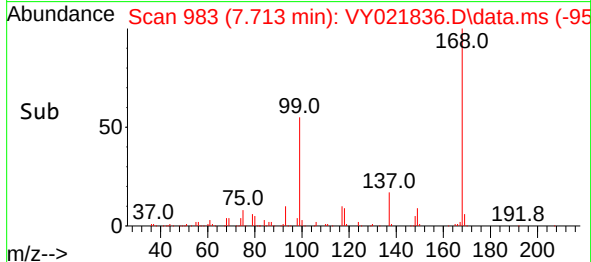
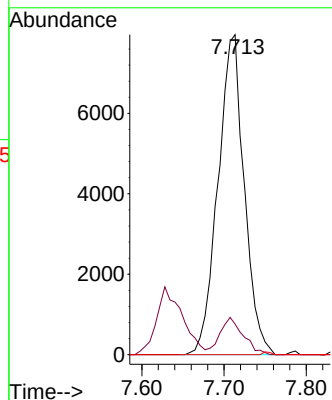
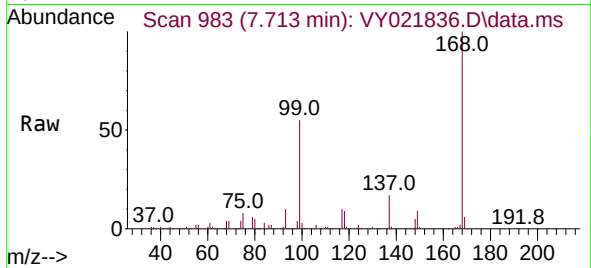




#36
 1,1-Dichloropropene
 Concen: 4.383 ug/l
 RT: 7.713 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY021836.D
 Acq: 10 Apr 2025 14:26

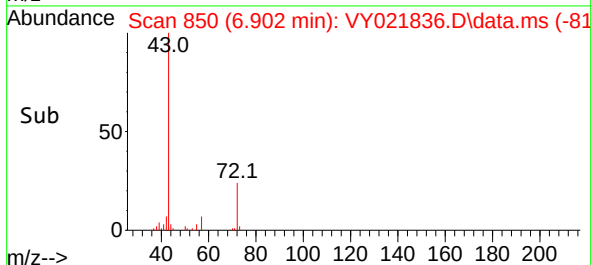
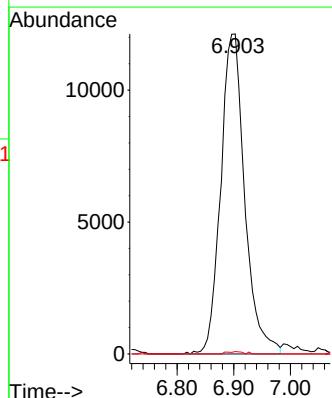
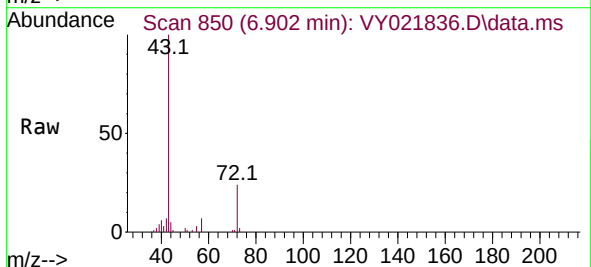
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-158-SB02

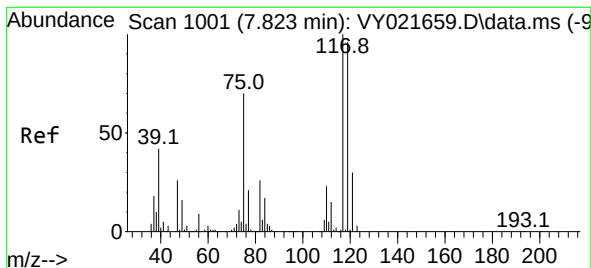
Tgt Ion: 75 Resp: 17655
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.0 50.9#
 77 0.0 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 18.752 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. -0.085 min
 Lab File: VY021836.D
 Acq: 10 Apr 2025 14:26

Tgt Ion: 43 Resp: 35647
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.0 16.6#
 70 0.5 8.1 12.1#





#38

Carbon Tetrachloride

Concen: 5.017 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY021836.D

Acq: 10 Apr 2025 14:26

Instrument :

MSVOA_Y

ClientSampleId :

B-158-SB02

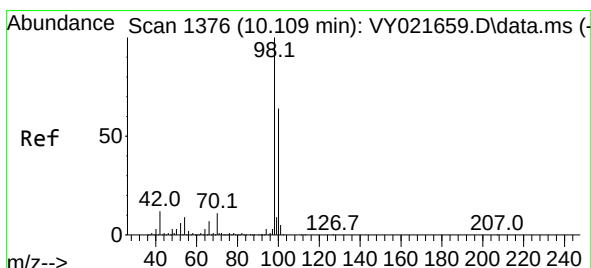
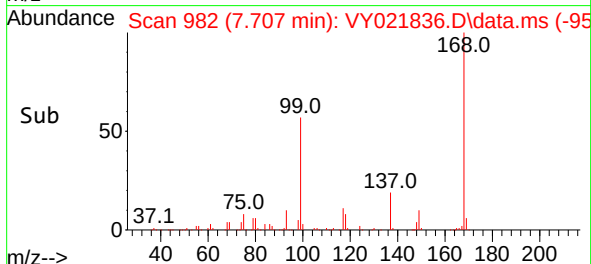
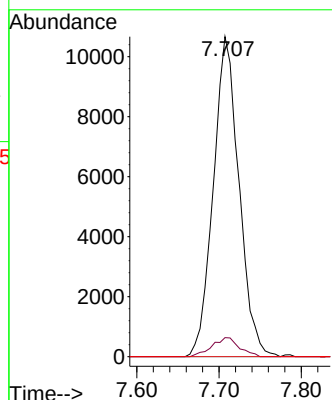
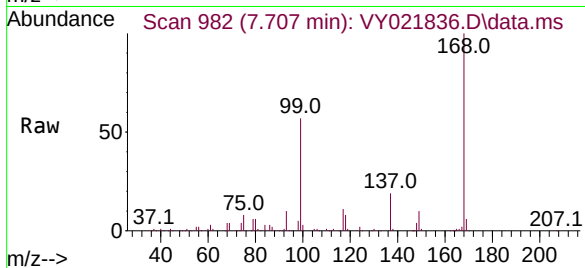
Tgt Ion:117 Resp: 23146

Ion Ratio Lower Upper

117 100

119 6.0 76.2 114.4#

121 0.0 24.2 36.4#



#50

Toluene-d8

Concen: 49.147 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021836.D

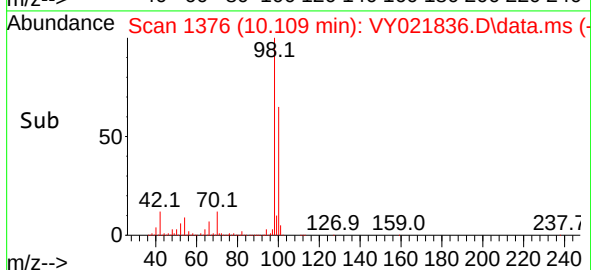
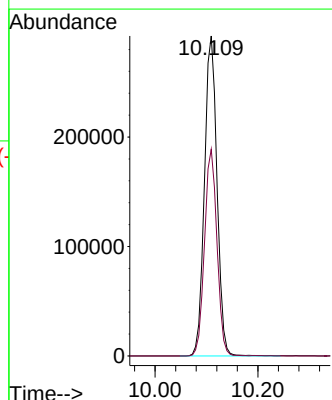
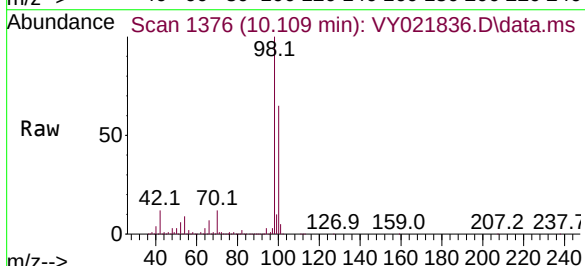
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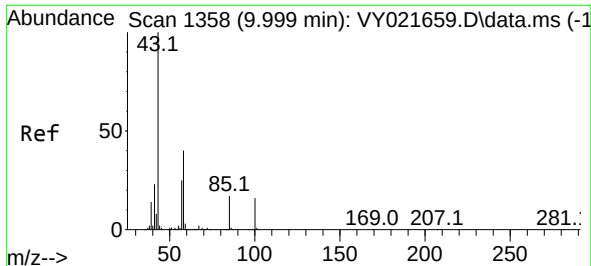
Tgt Ion: 98 Resp: 494435

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1

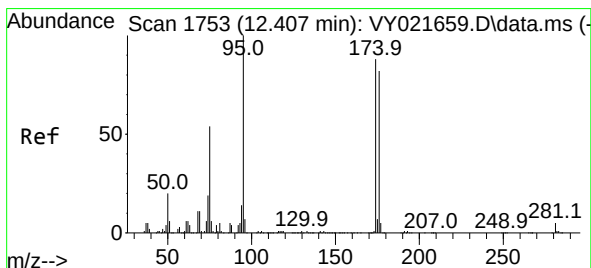
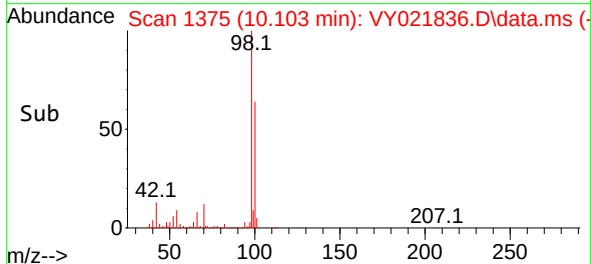
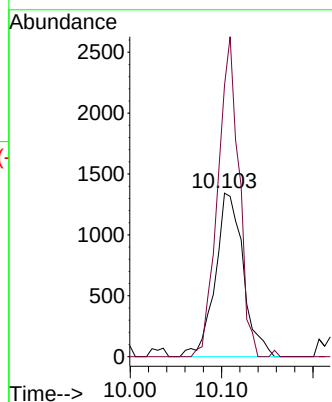
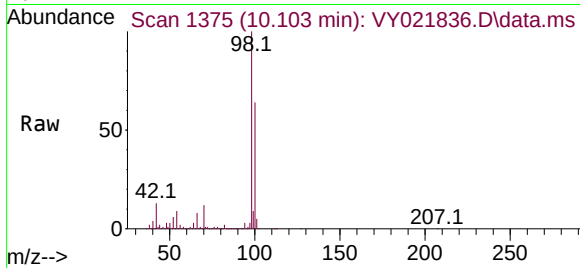




#51
4-Methyl-2-Pentanone
Concen: 1.521 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY021836.D
Acq: 10 Apr 2025 14:26

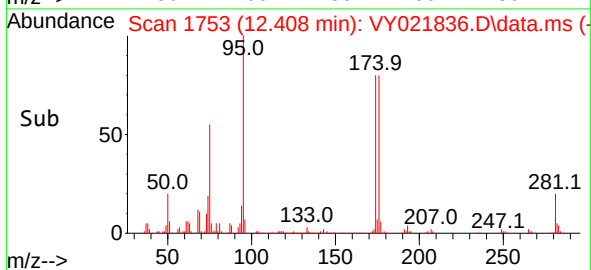
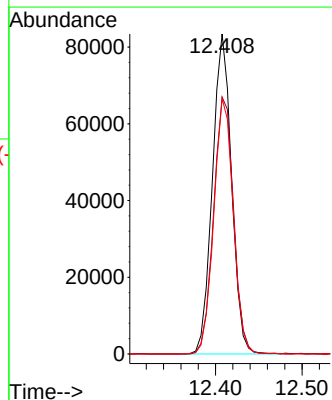
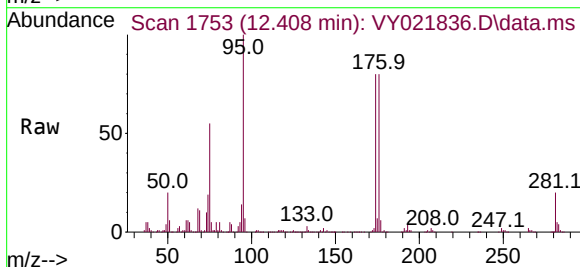
Instrument :
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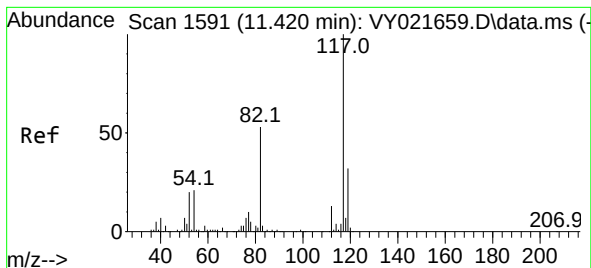
Tgt Ion: 43 Resp: 2852
Ion Ratio Lower Upper
43 100
58 148.1 31.5 47.3#



#62
4-Bromofluorobenzene
Concen: 37.591 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021836.D
Acq: 10 Apr 2025 14:26

Tgt Ion: 95 Resp: 127916
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 81.3 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021836.D

Acq: 10 Apr 2025 14:26

Instrument :

MSVOA_Y

ClientSampleId :

B-158-SB02

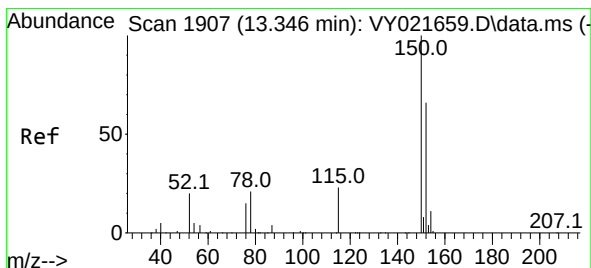
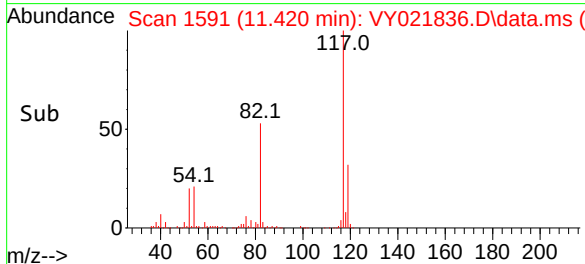
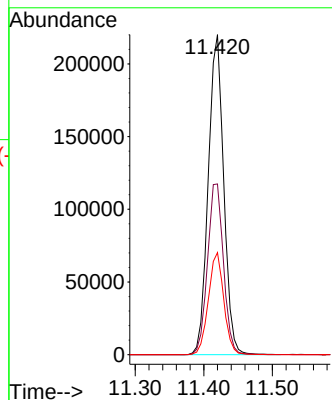
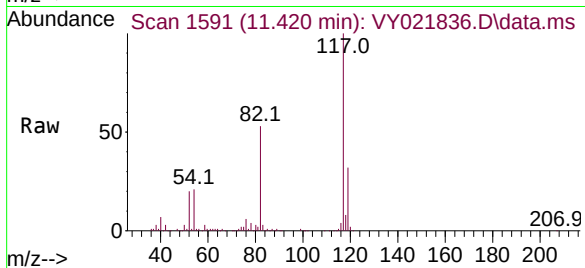
Tgt Ion:117 Resp: 345604

Ion Ratio Lower Upper

117 100

82 53.4 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: VY021836.D

Acq: 10 Apr 2025 14:26

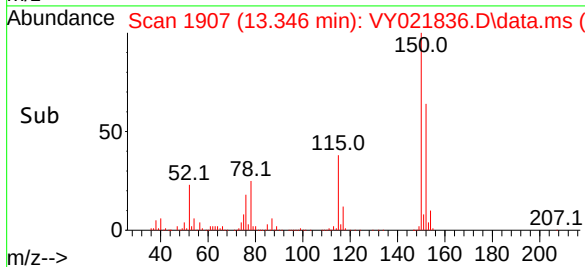
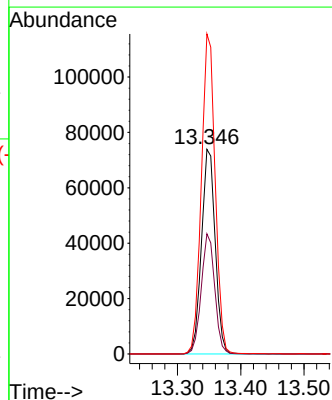
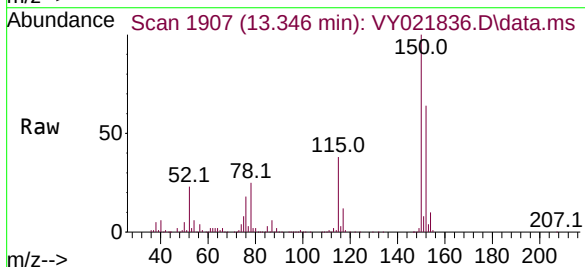
Tgt Ion:152 Resp: 111730

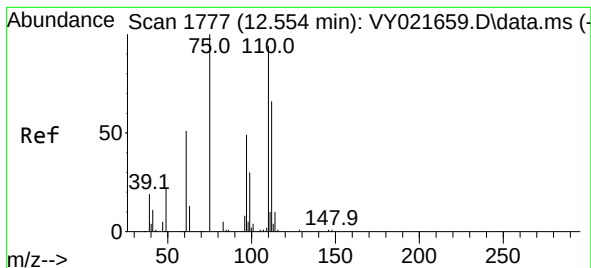
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 157.0 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 63.177 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021836.D

Acq: 10 Apr 2025 14:26

Instrument :

MSVOA_Y

ClientSampleId :

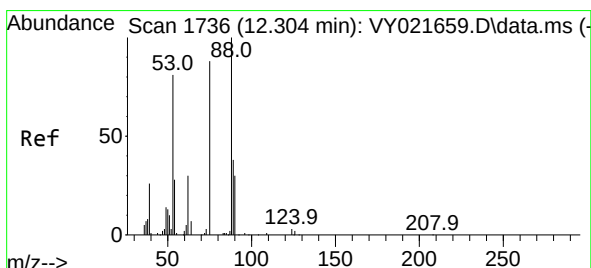
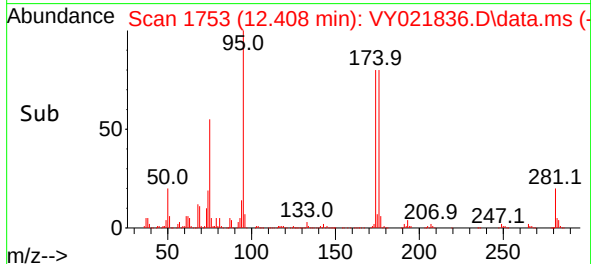
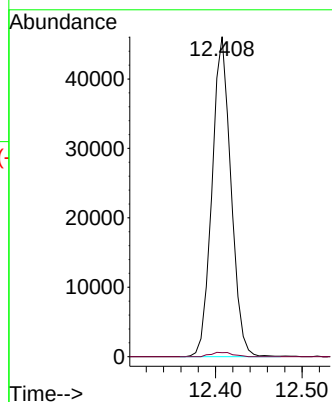
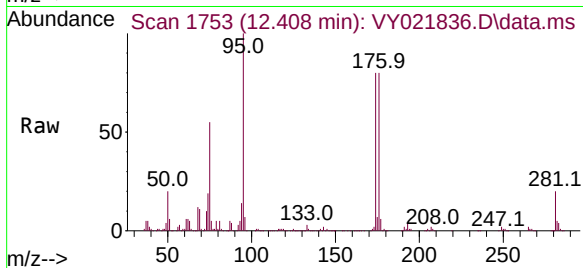
B-158-SB02

Tgt Ion: 75 Resp: 69971

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 145.571 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY021836.D

Acq: 10 Apr 2025 14:26

Tgt Ion: 75 Resp: 69971

Ion Ratio Lower Upper

75 100

53 0.3 76.1 114.1#

89 0.7 36.2 54.4#

