

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021843.D
 Acq On : 10 Apr 2025 17:10
 Operator : SY/MD
 Sample : Q1752-07
 Misc : 5.96g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Apr 11 01:52:16 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)

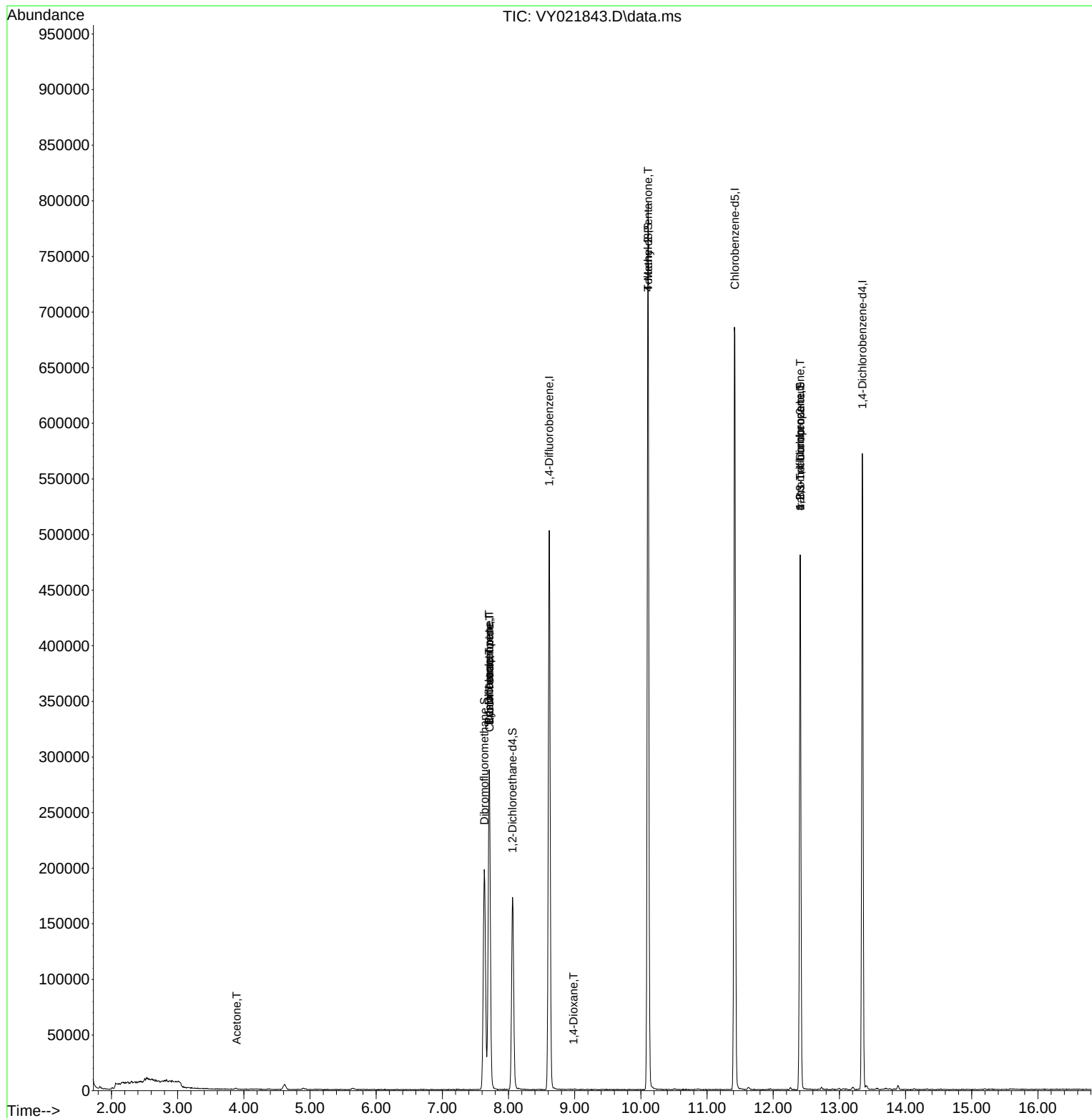
Internal Standards						
1) Pentafluorobenzene	7.707	168	216847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	405056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	356209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	136625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	136962	58.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.580%
35) Dibromofluoromethane	7.634	113	139175	52.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.940%
50) Toluene-d8	10.109	98	494066	49.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.407	95	139439	41.241	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.480%
Target Compounds						
					Qvalue	
16) Acetone	3.891	43	1233	2.564	ug/l	95
20) Methylene Chloride	4.616	84	2943	Below Cal	#	94
31) Cyclohexane	7.707	56	5014	1.209	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	18696	4.671	ug/l #	50
38) Carbon Tetrachloride	7.713	117	21610	4.714	ug/l #	17
49) 1,4-Dioxane	8.981	88	23	1.313	ug/l #	21
51) 4-Methyl-2-Pentanone	10.109	43	2310	1.240	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	74710	55.165	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	74710	127.109	ug/l #	12

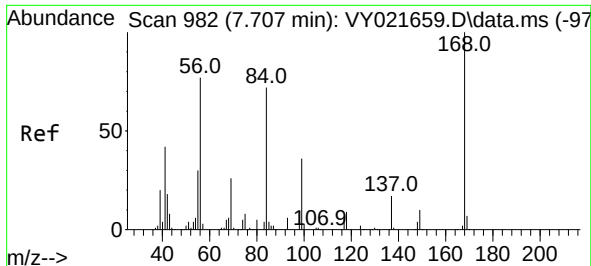
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

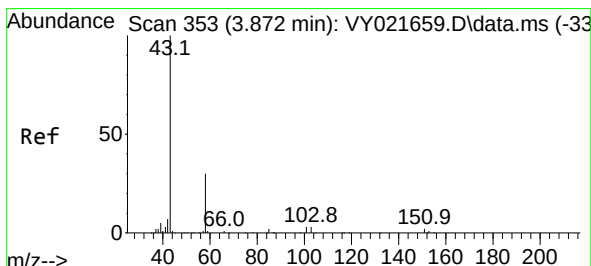
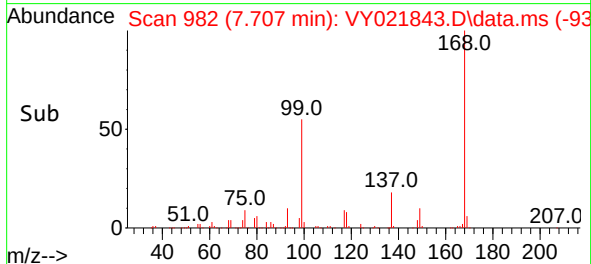
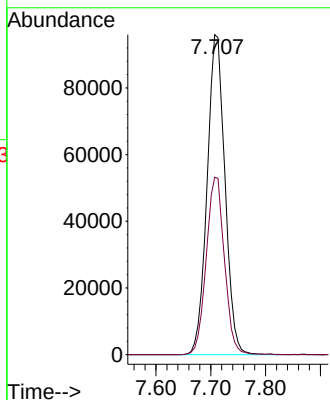
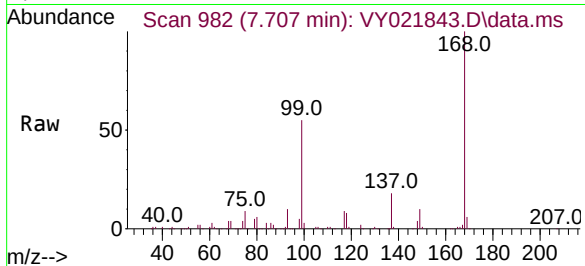




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

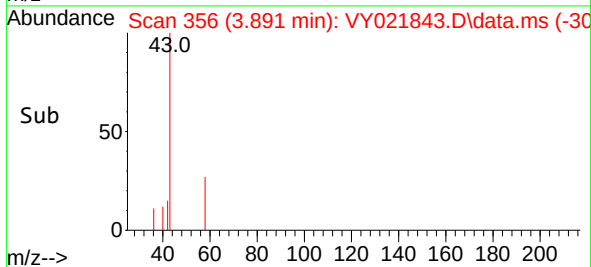
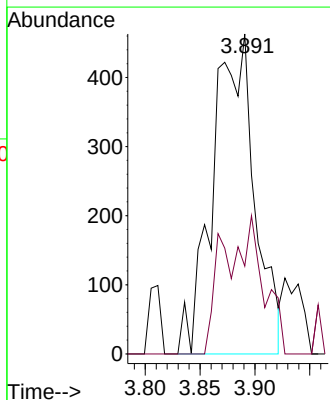
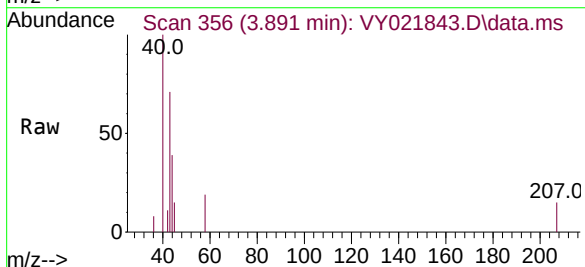
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

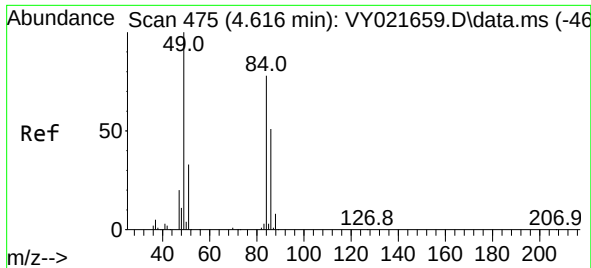
Tgt Ion:168 Resp: 216847
Ion Ratio Lower Upper
168 100
99 55.4 46.7 70.1



#16
Acetone
Concen: 2.564 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.018 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 27.4 24.2 36.4

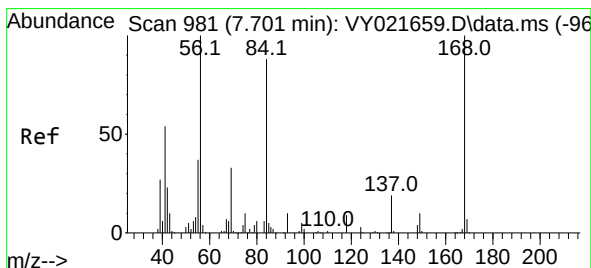
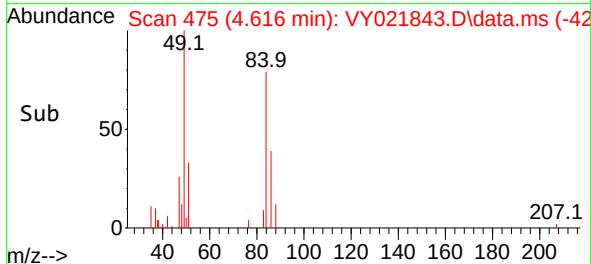
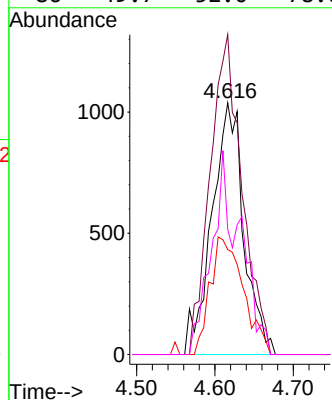
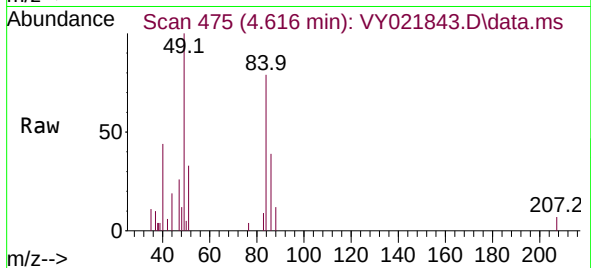




#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

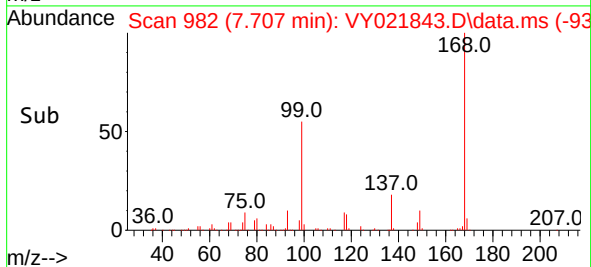
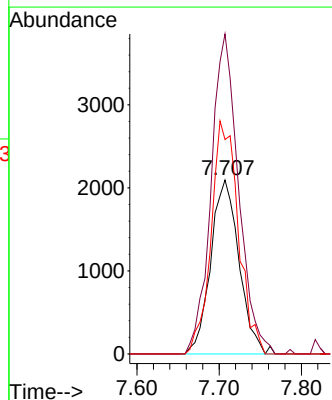
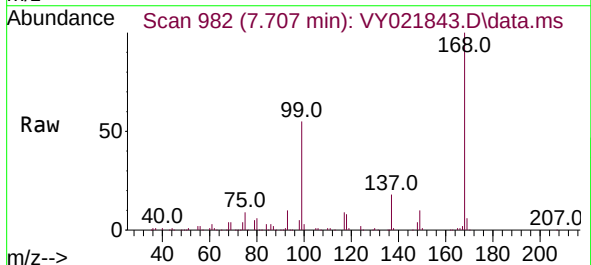
Instrument :
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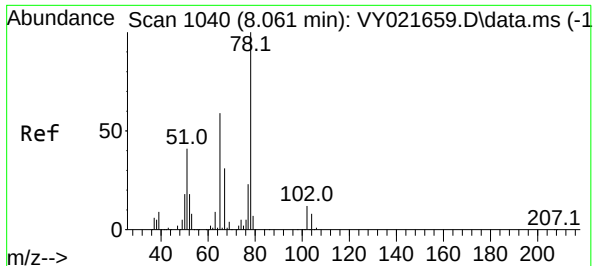
Tgt Ion:	84	Resp:	2943
Ion	Ratio	Lower	Upper
84	100		
49	127.1	102.8	154.2
51	41.7	33.5	50.3
86	49.7	52.0	78.0



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

Tgt Ion:	56	Resp:	5014
Ion	Ratio	Lower	Upper
56	100		
69	184.0	26.6	40.0
84	123.3	69.0	103.4

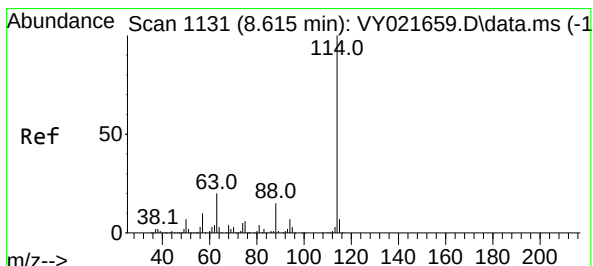
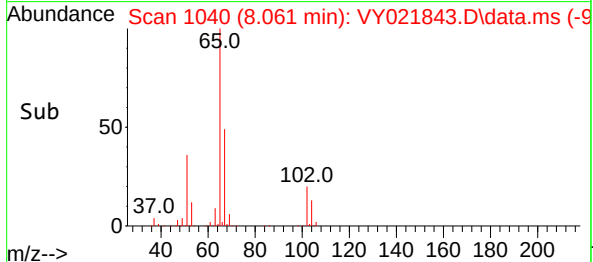
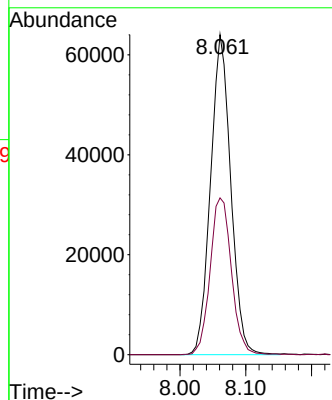
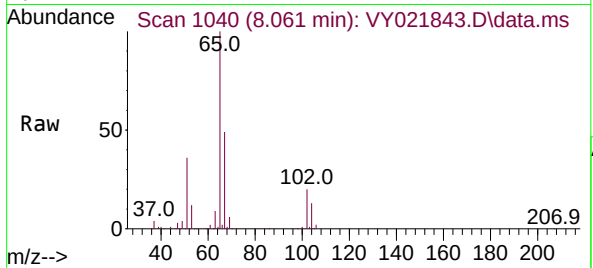




#33
1,2-Dichloroethane-d4
Concen: 58.295 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

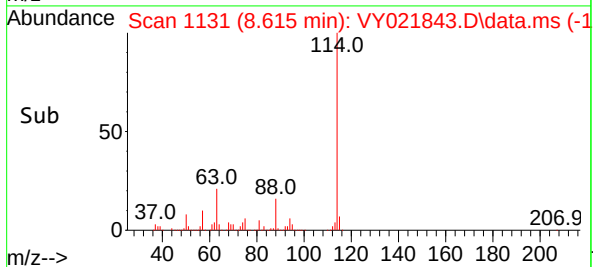
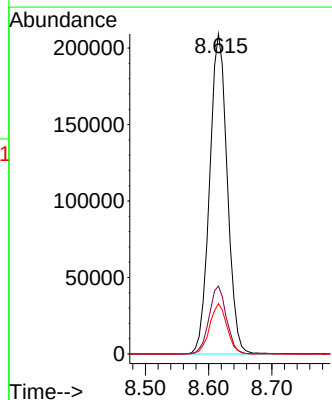
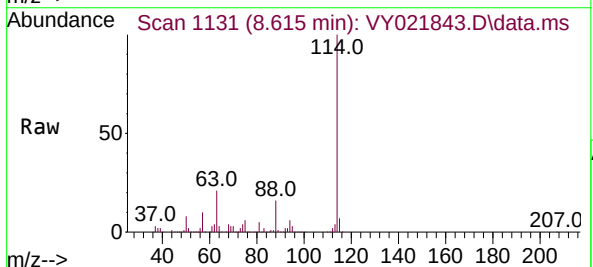
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

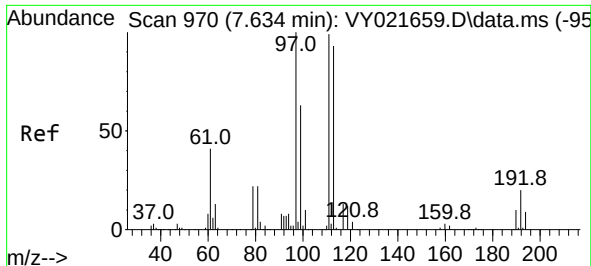
Tgt Ion: 65 Resp: 136962
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

Tgt Ion: 114 Resp: 405056
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.2
88 15.8 0.0 29.8

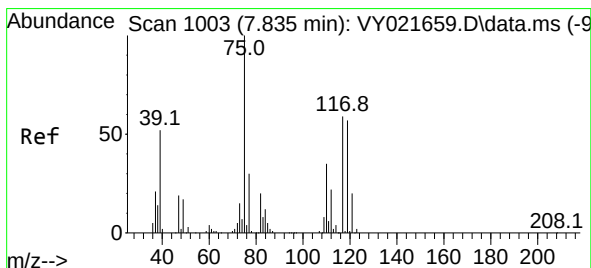
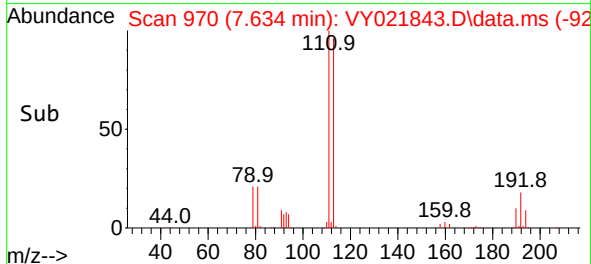
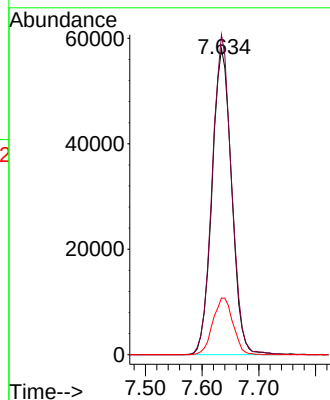
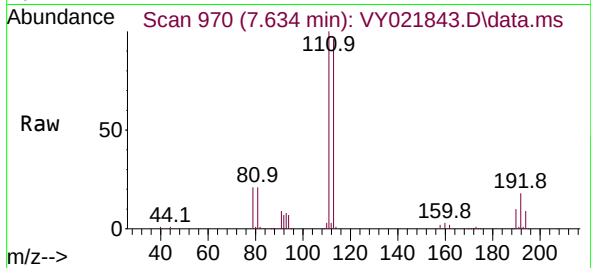




#35
Dibromofluoromethane
Concen: 52.968 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

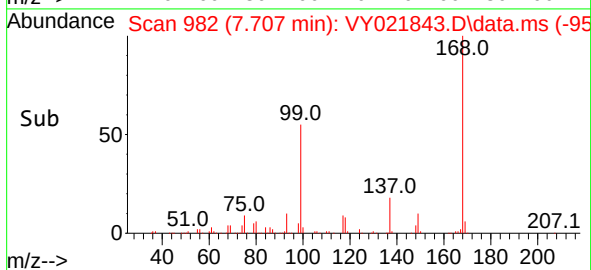
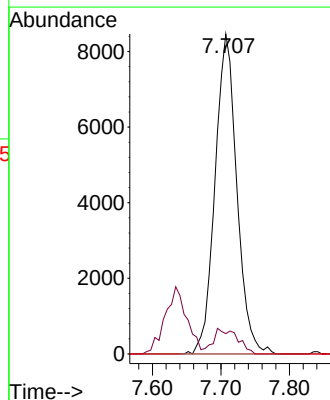
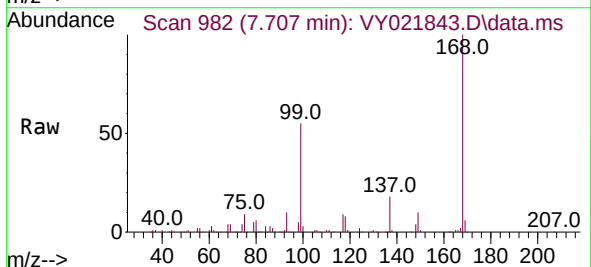
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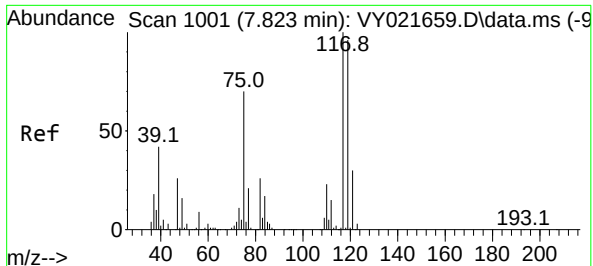
Tgt Ion:113 Resp: 139175
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 19.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

Tgt Ion: 75 Resp: 18696
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.8 37.2#

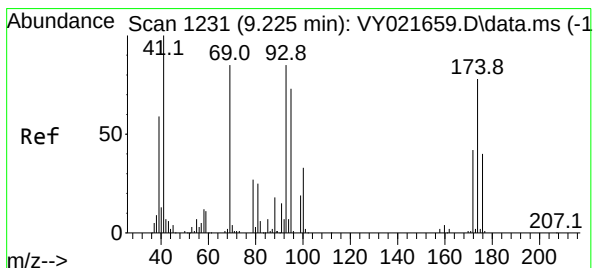
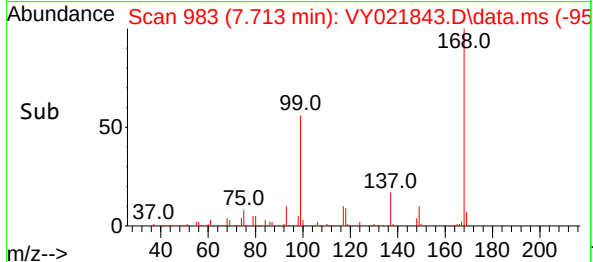
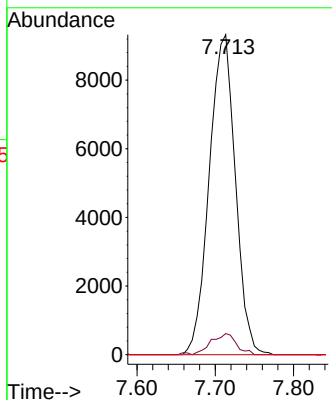
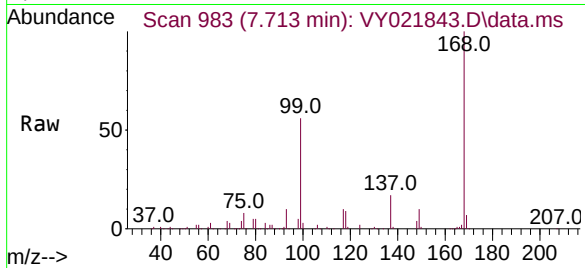




#38
Carbon Tetrachloride
Concen: 4.714 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

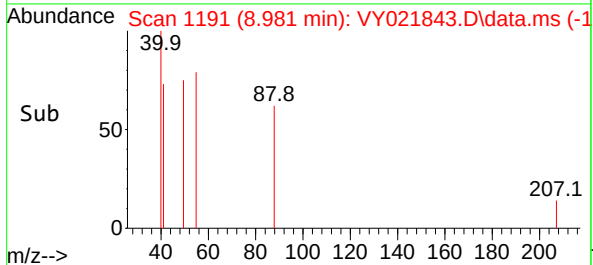
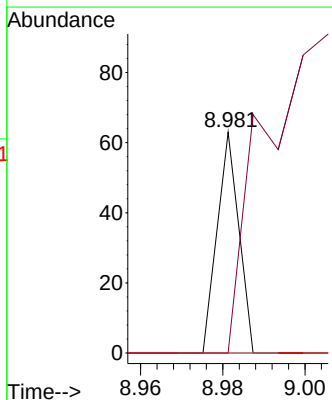
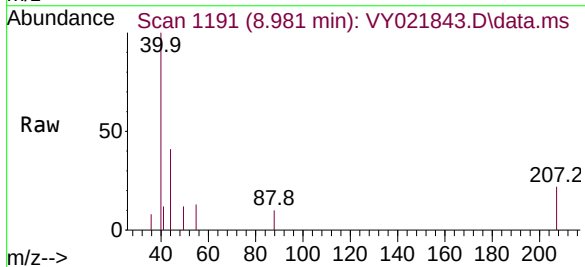
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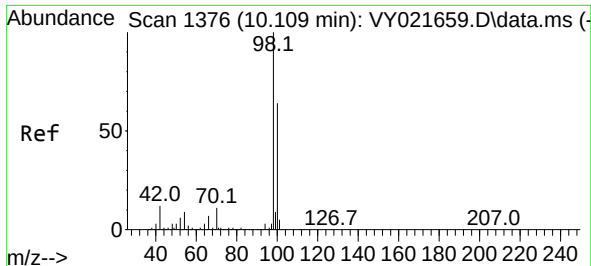
Tgt Ion:117 Resp: 21610
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.4#
121 0.0 24.2 36.4#



#49
1,4-Dioxane
Concen: 1.313 ug/l
RT: 8.981 min Scan# 1191
Delta R.T. -0.244 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 0.0 59.4 89.2#

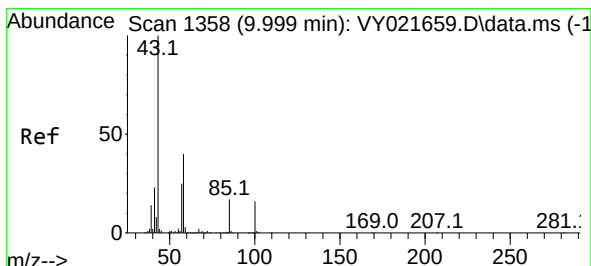
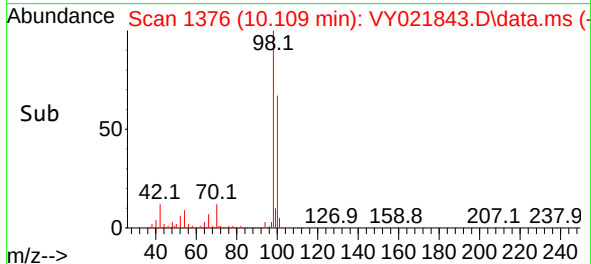
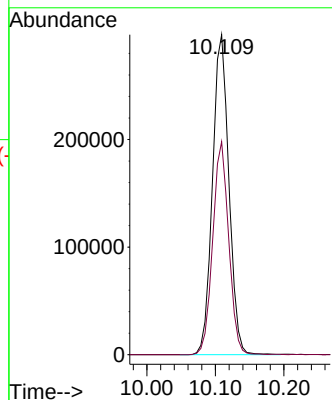
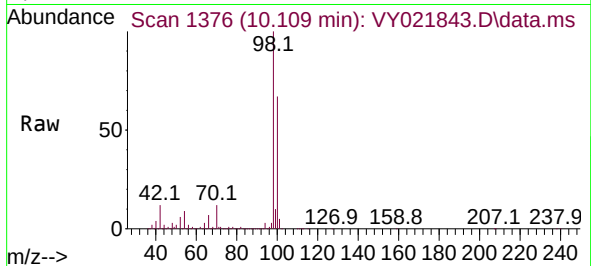




#50
Toluene-d8
Concen: 49.427 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

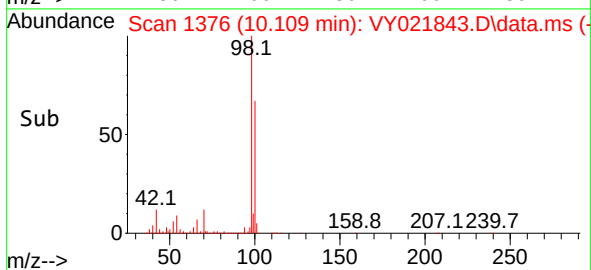
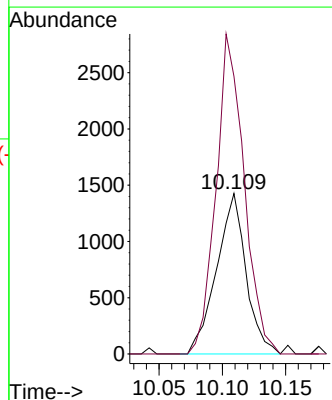
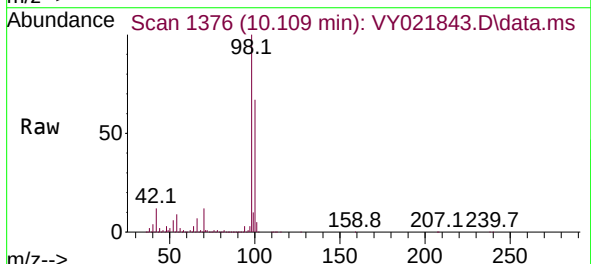
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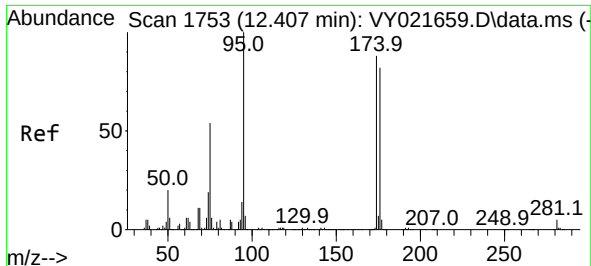
Tgt Ion: 98 Resp: 494066
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.240 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.110 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

Tgt Ion: 43 Resp: 2310
Ion Ratio Lower Upper
43 100
58 190.2 31.5 47.3#

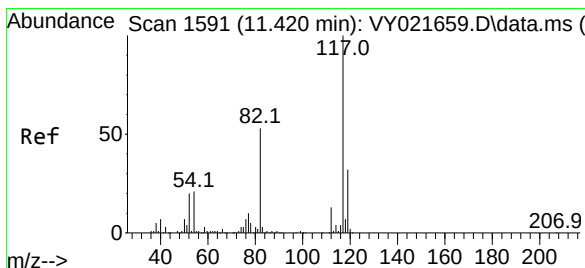
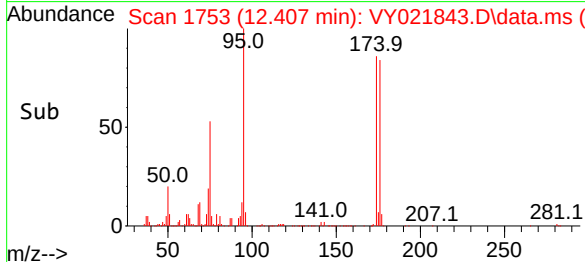
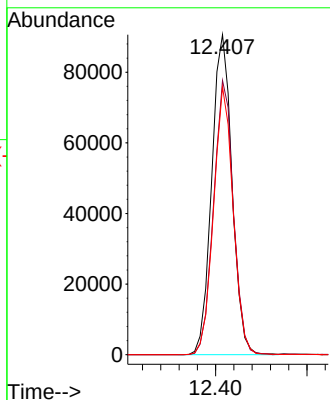
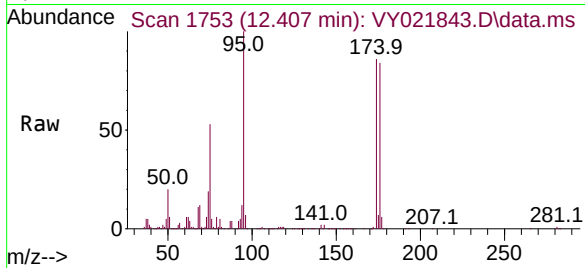




#62
4-Bromofluorobenzene
Concen: 41.241 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

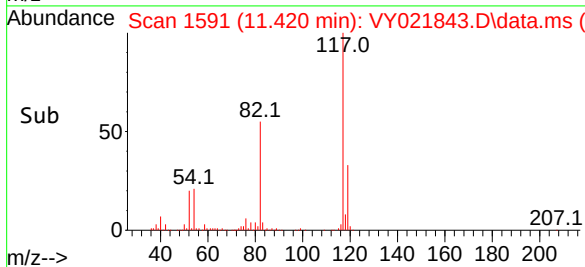
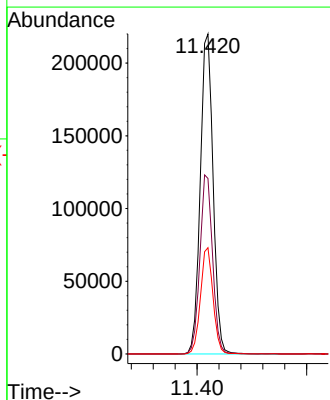
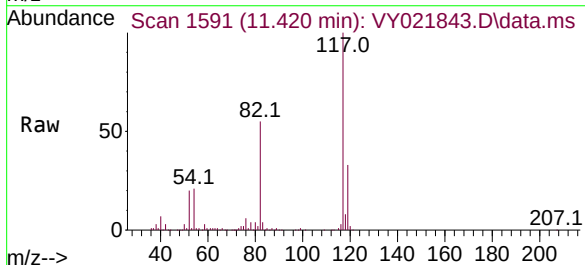
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

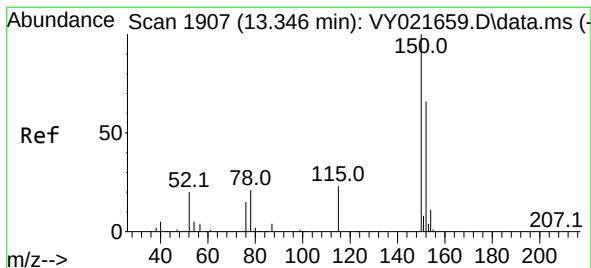
Tgt Ion: 95 Resp: 139439
Ion Ratio Lower Upper
95 100
174 83.8 0.0 170.8
176 81.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021843.D
Acq: 10 Apr 2025 17:10

Tgt Ion: 117 Resp: 356209
Ion Ratio Lower Upper
117 100
82 54.9 42.8 64.2
119 33.2 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: VY021843.D

Acq: 10 Apr 2025 17:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

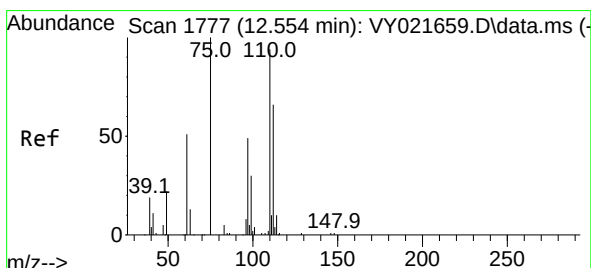
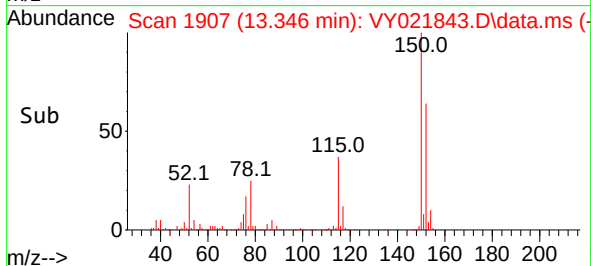
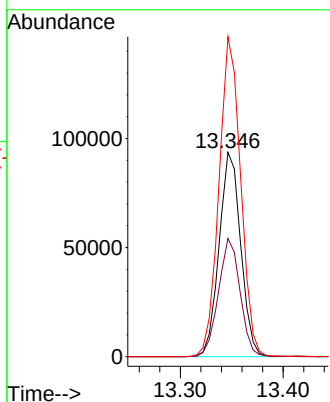
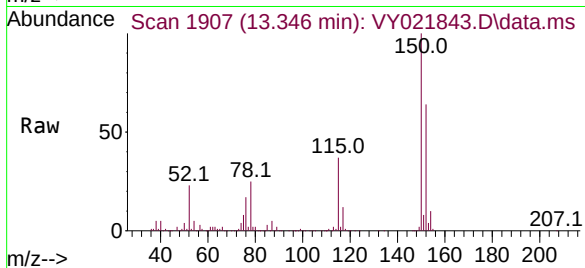
Tgt Ion:152 Resp: 136625

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 156.9 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 55.165 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021843.D

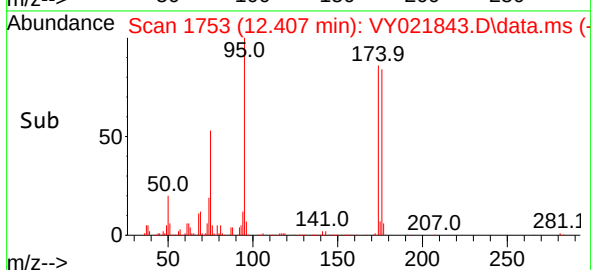
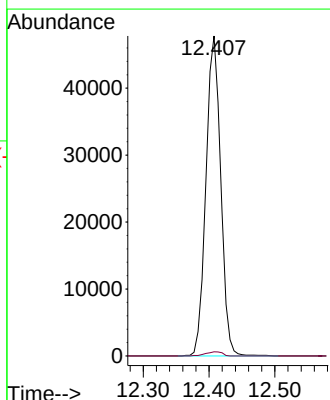
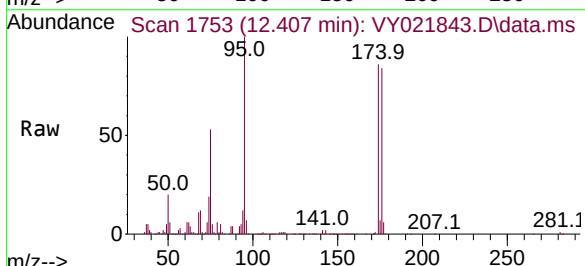
Acq: 10 Apr 2025 17:10

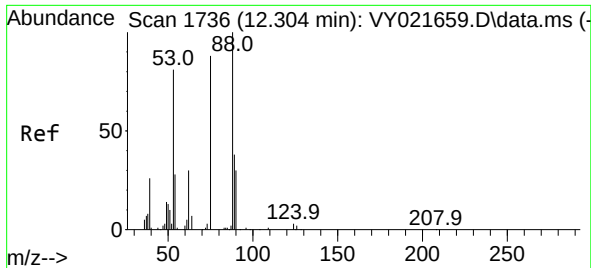
Tgt Ion: 75 Resp: 74710

Ion Ratio Lower Upper

75 100

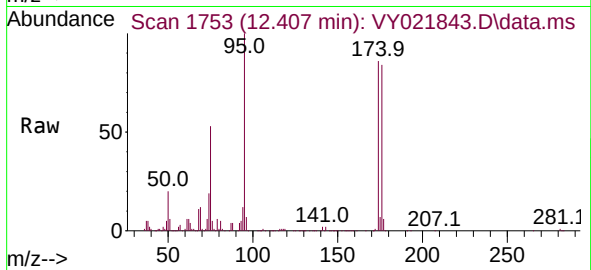
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.109 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021843.D
 Acq: 10 Apr 2025 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3



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

