

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021370.D
 Acq On : 27 Feb 2025 19:52
 Operator : SY/MD
 Sample : Q1448-05
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 28 00:44:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

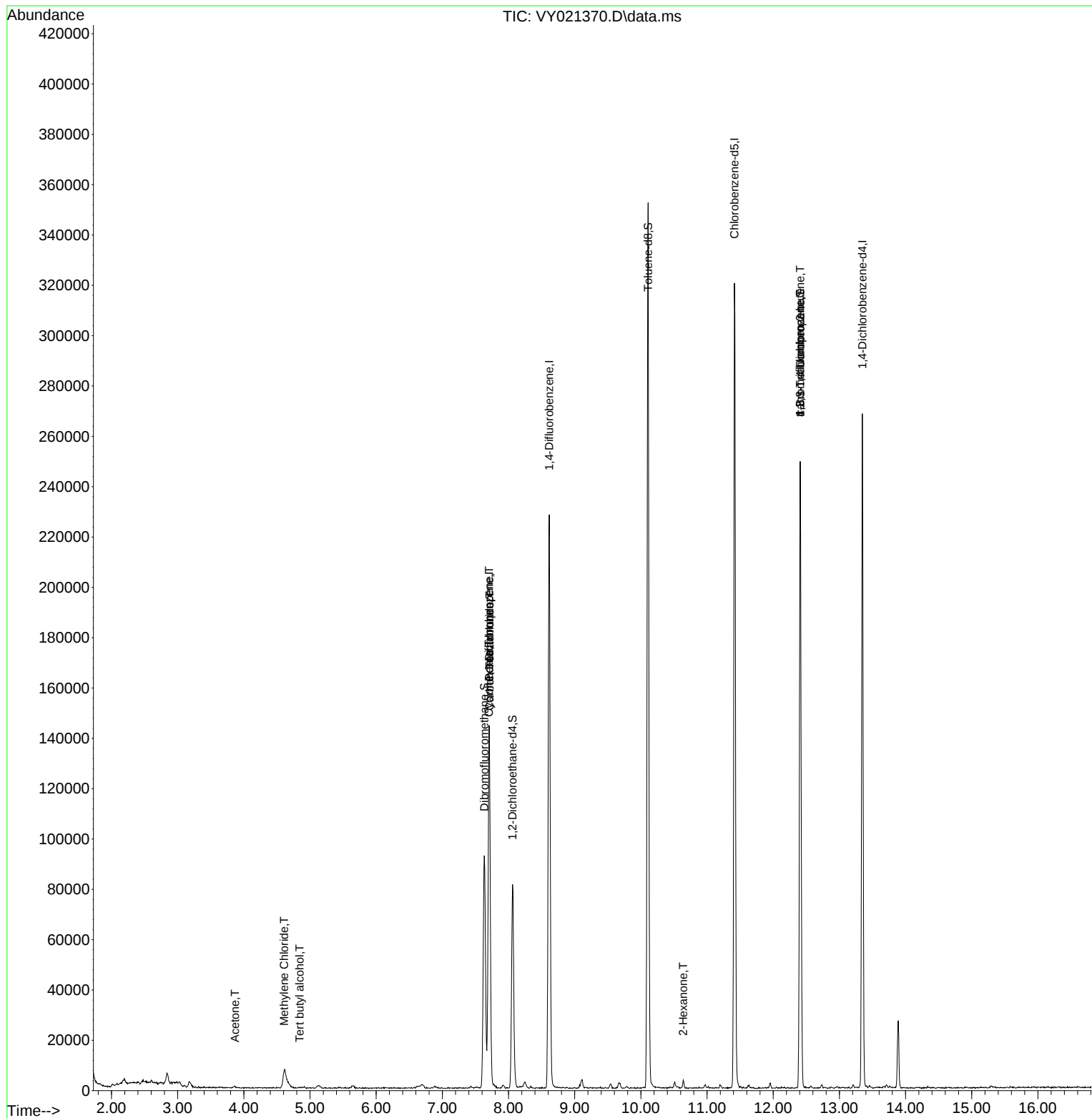
Internal Standards						
1) Pentafluorobenzene	7.707	168	106086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	190393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	166895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	65580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66936	55.620	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.240%	
35) Dibromofluoromethane	7.634	113	65551	52.515	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.040%	
50) Toluene-d8	10.109	98	225688	46.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.560%	
62) 4-Bromofluorobenzene	12.408	95	66962	41.245	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	295	3.187	ug/l #	72
16) Acetone	3.866	43	677	2.933	ug/l #	45
20) Methylene Chloride	4.610	84	4469	3.580	ug/l	93
31) Cyclohexane	7.701	56	3701	1.744	ug/l #	50
36) 1,1-Dichloropropene	7.707	75	8950	4.773	ug/l #	47
38) Carbon Tetrachloride	7.713	117	11046	5.240	ug/l #	15
59) 2-Hexanone	10.640	43	828	1.364	ug/l #	26
76) 1,2,3-Trichloropropane	12.408	75	37441	57.038	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	37441	126.775	ug/l #	10

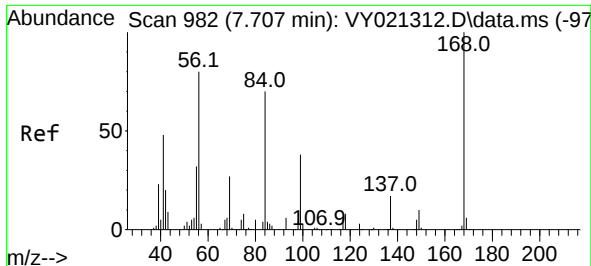
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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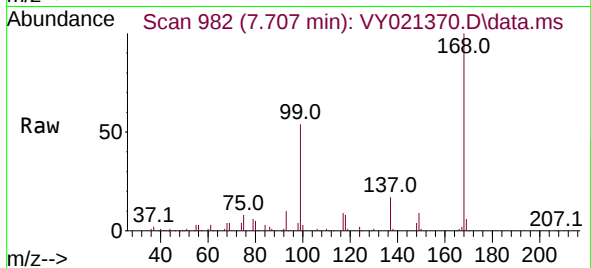
Quant Time: Feb 28 00:44:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
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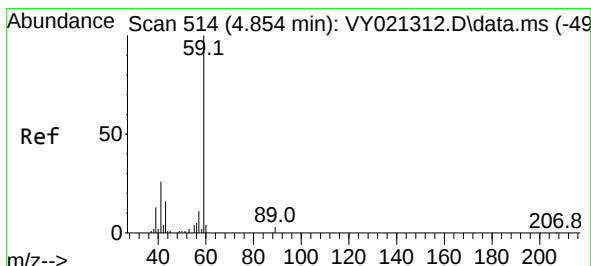
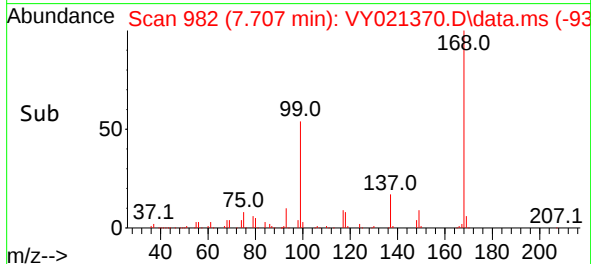
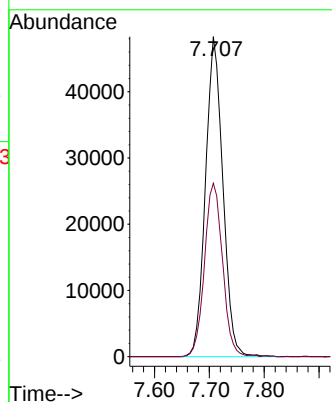


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Instrument :
MSVOA_Y
ClientSampleId :

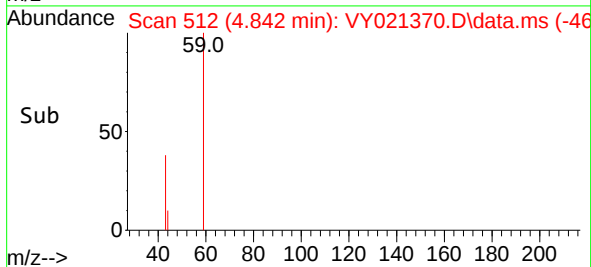
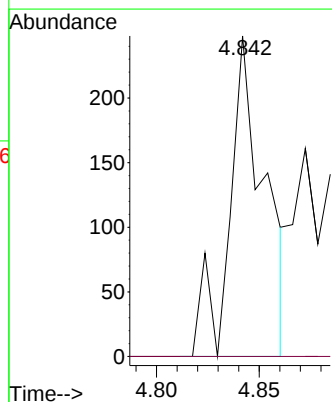
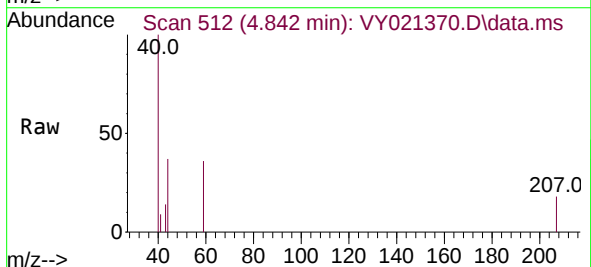


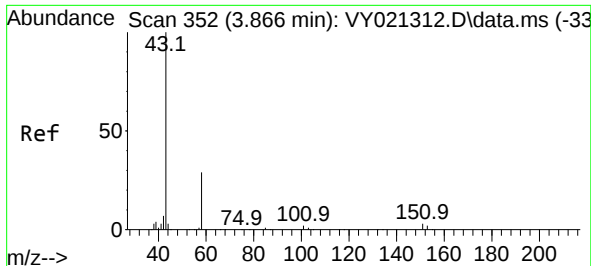
Tgt Ion:168 Resp: 106086
Ion Ratio Lower Upper
168 100
99 54.2 47.1 70.7



#11
Tert butyl alcohol
Concen: 3.187 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

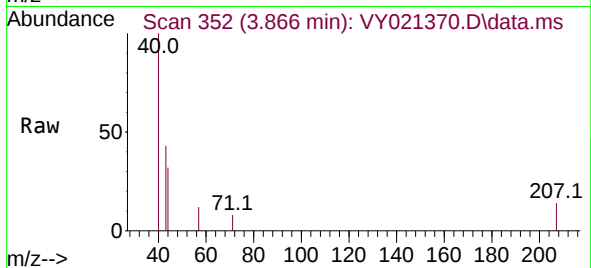
Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



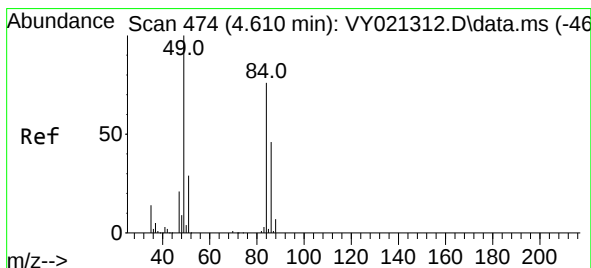
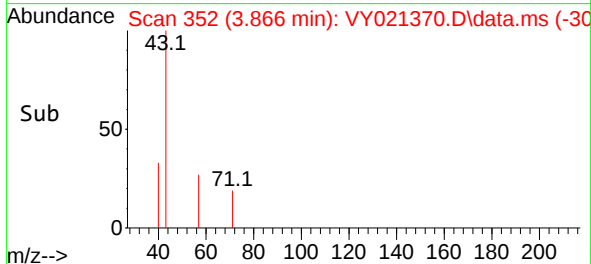
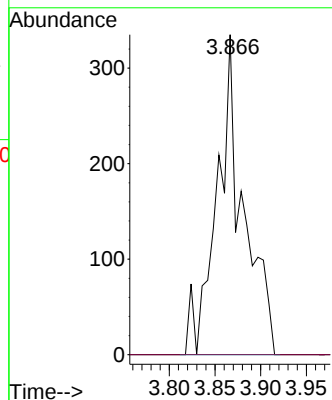


#16
Acetone
Concen: 2.933 ug/l
RT: 3.866 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Instrument :
MSVOA_Y
ClientSampleId :

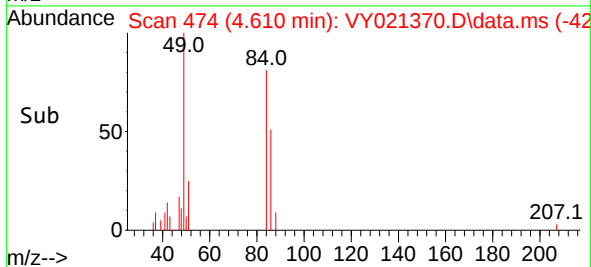
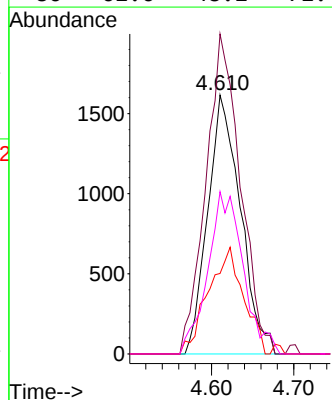
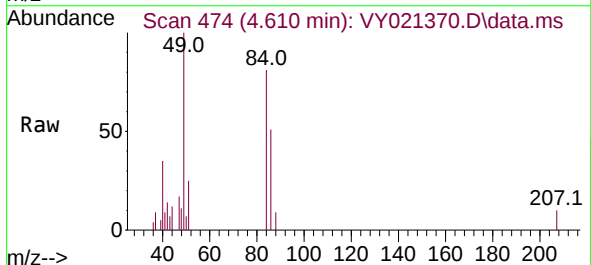


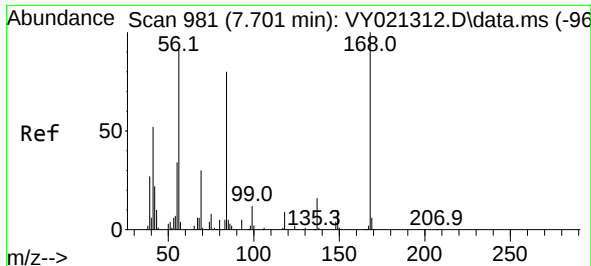
Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 0.0 23.5 35.3#



#20
Methylene Chloride
Concen: 3.580 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

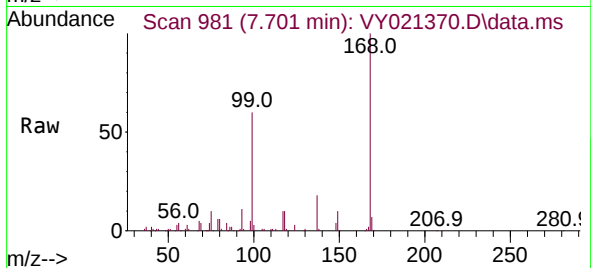
Tgt Ion: 84 Resp: 4469
Ion Ratio Lower Upper
84 100
49 123.6 105.1 157.7
51 31.1 31.0 46.4
86 62.6 48.2 72.4



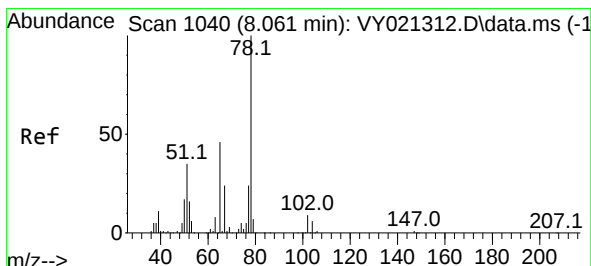
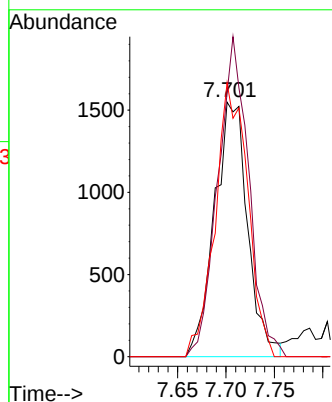
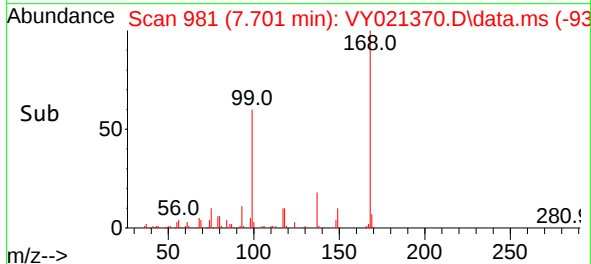


#31
Cyclohexane
Concen: 1.744 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

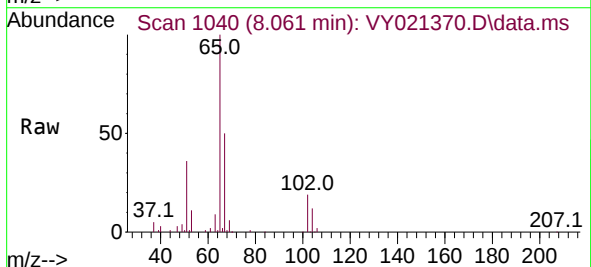
Instrument :
MSVOA_Y
ClientSampleId :



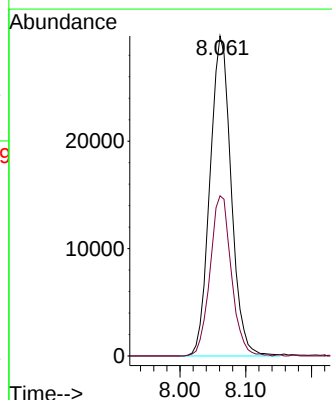
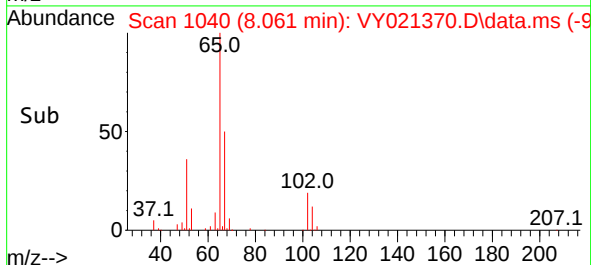
Tgt Ion: 56 Resp: 3701
Ion Ratio Lower Upper
56 100
69 103.6 26.2 39.4#
84 107.6 70.2 105.4#

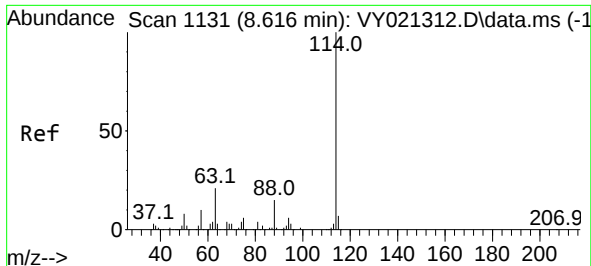


#33
1,2-Dichloroethane-d4
Concen: 55.620 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52



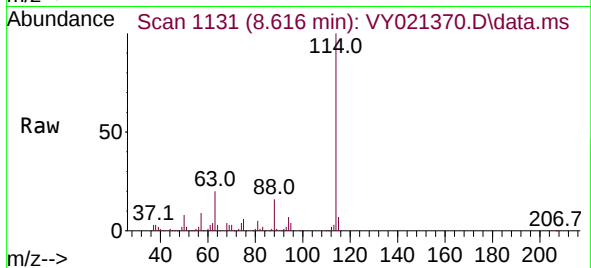
Tgt Ion: 65 Resp: 66936
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.6



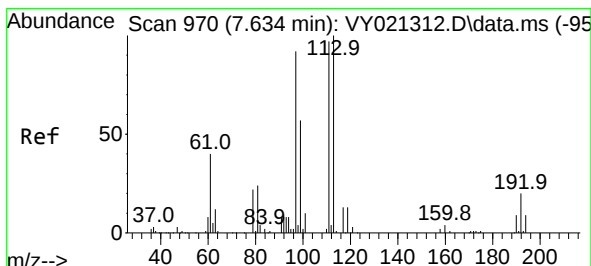
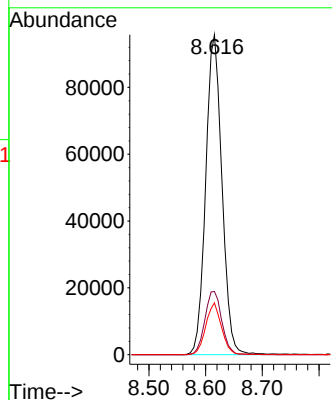
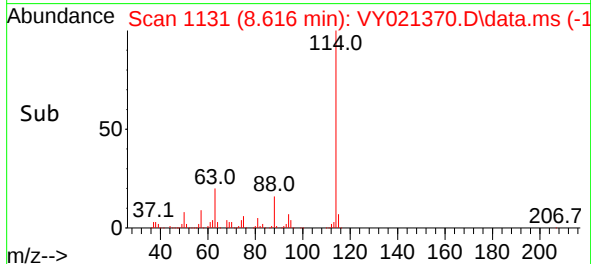


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Instrument :
MSVOA_Y
ClientSampleId :

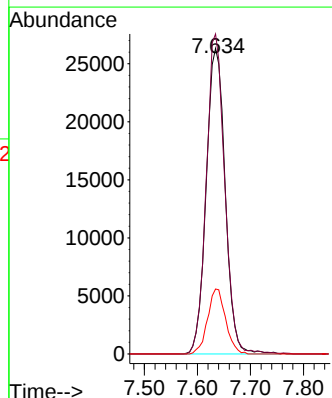
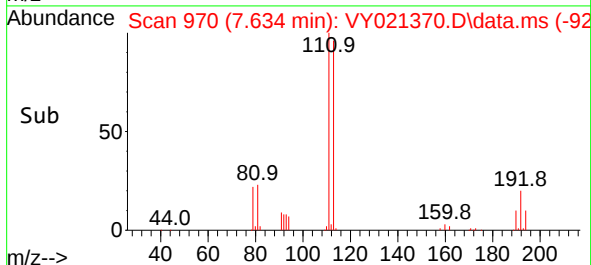
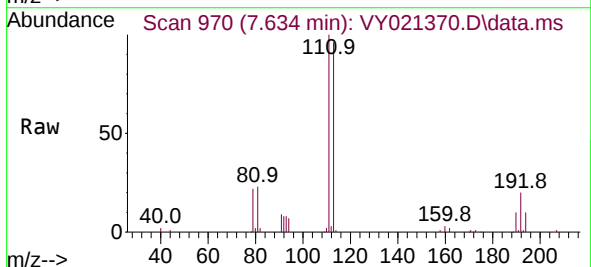


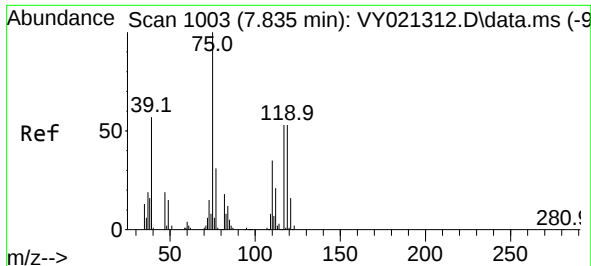
Tgt Ion:114 Resp: 190393
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.2
88 16.2 0.0 29.8



#35
Dibromofluoromethane
Concen: 52.515 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Tgt Ion:113 Resp: 65551
Ion Ratio Lower Upper
113 100
111 101.6 81.0 121.6
192 20.2 15.8 23.8





#36

1,1-Dichloropropene

Concen: 4.773 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

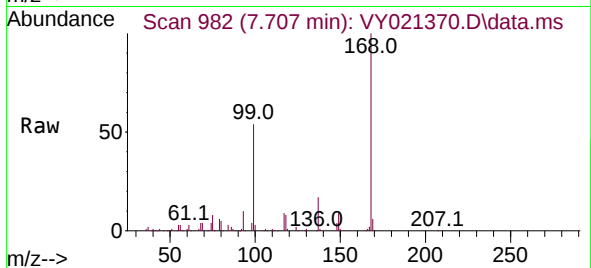
Lab File: VY021370.D

Acq: 27 Feb 2025 19:52

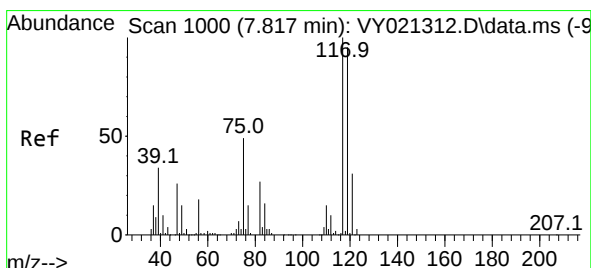
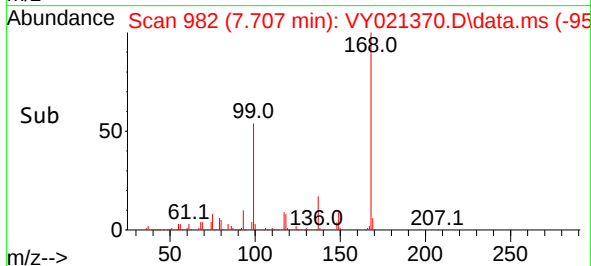
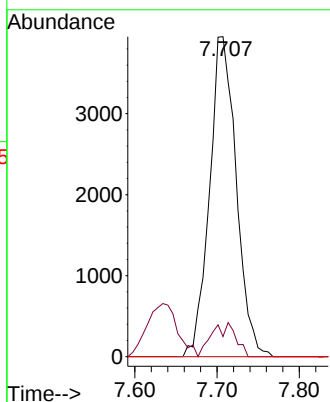
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	8950
Ion Ratio	Lower	Upper	
75	100		
110	5.2	16.9	50.7#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 5.240 ug/l

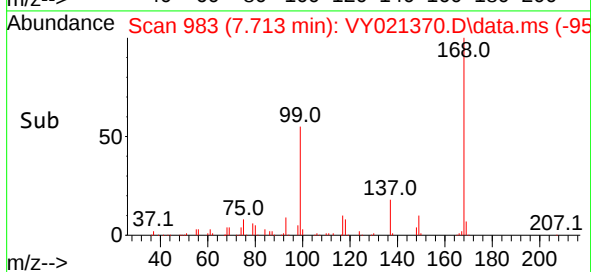
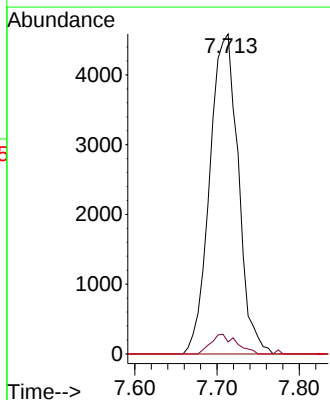
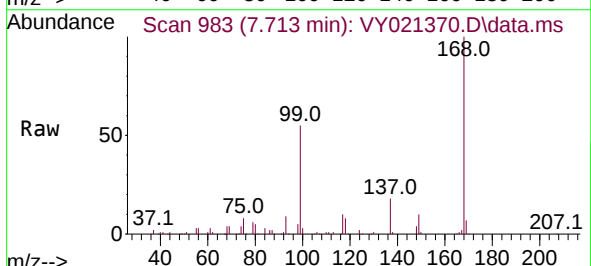
RT: 7.713 min Scan# 983

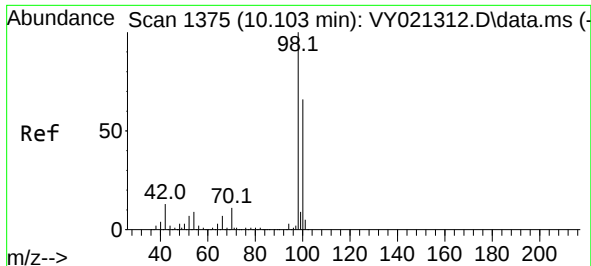
Delta R.T. -0.104 min

Lab File: VY021370.D

Acq: 27 Feb 2025 19:52

Tgt Ion:	117	Resp:	11046
Ion Ratio	Lower	Upper	
117	100		
119	3.7	76.0	114.0#
121	0.0	24.9	37.3#

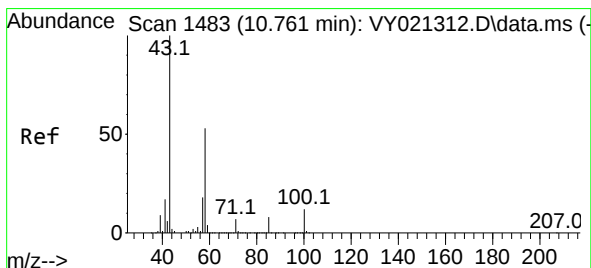
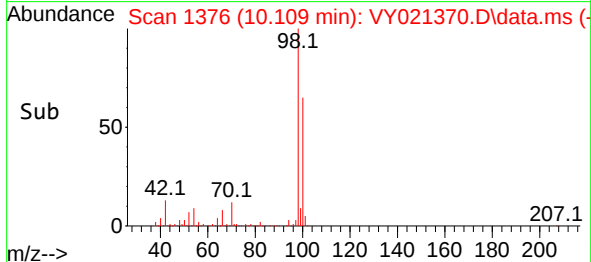
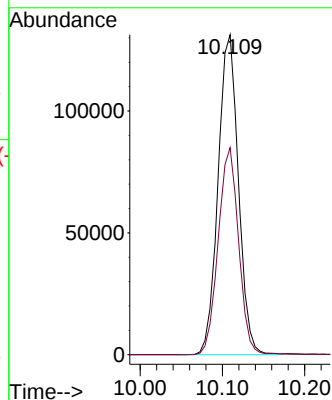
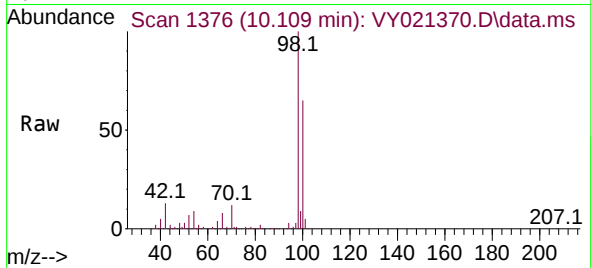




#50
Toluene-d8
Concen: 46.784 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

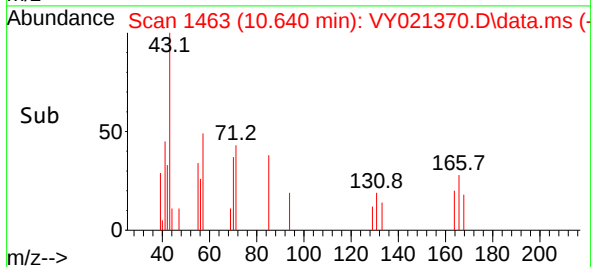
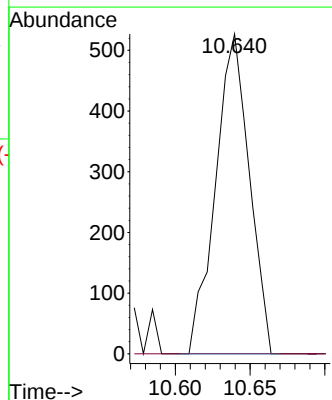
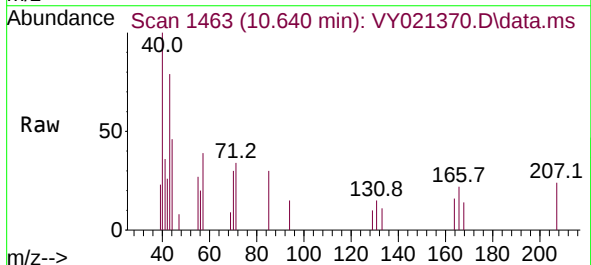
Instrument :
MSVOA_Y
ClientSampleId :

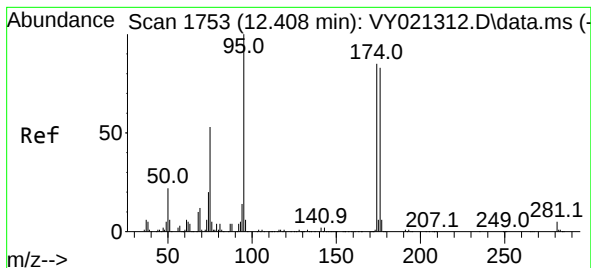
Tgt Ion: 98 Resp: 225688
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#59
2-Hexanone
Concen: 1.364 ug/l
RT: 10.640 min Scan# 1463
Delta R.T. -0.122 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Tgt Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.6#

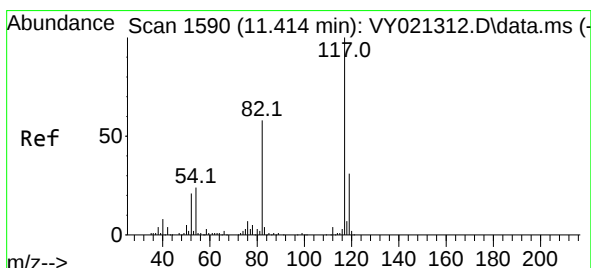
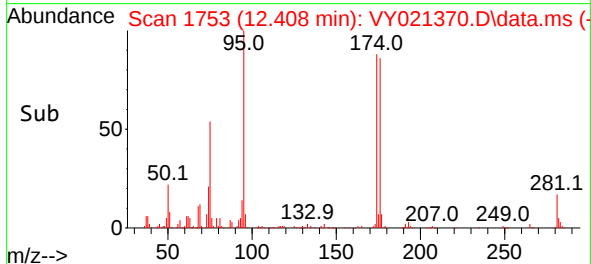
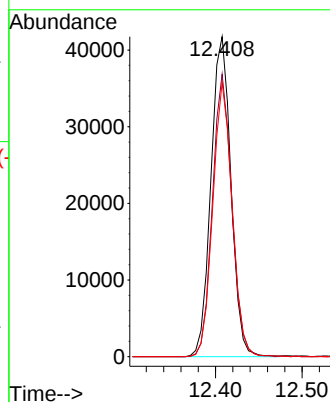
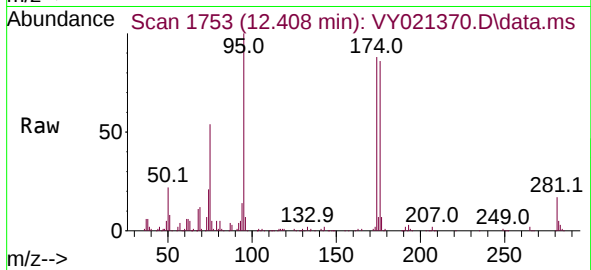




#62
4-Bromofluorobenzene
Concen: 41.245 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

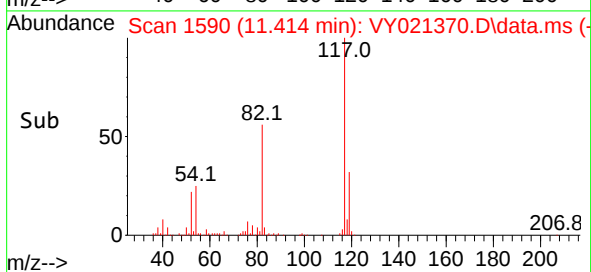
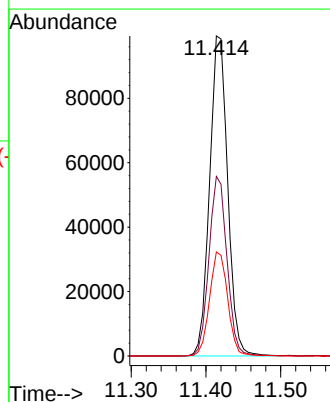
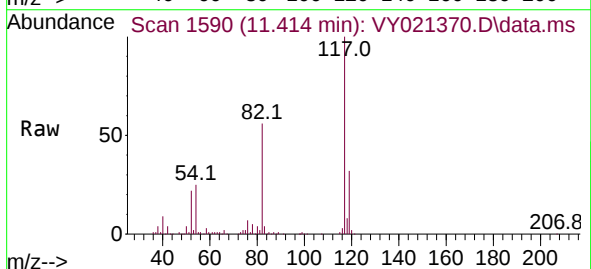
Instrument :
MSVOA_Y
ClientSampleId :

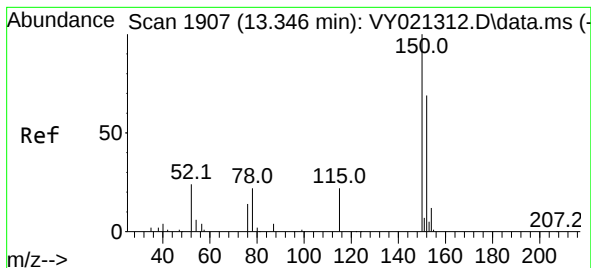
Tgt Ion: 95 Resp: 66962
Ion Ratio Lower Upper
95 100
174 85.4 0.0 168.0
176 83.1 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Tgt Ion: 117 Resp: 166895
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.5 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021370.D

Acq: 27 Feb 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

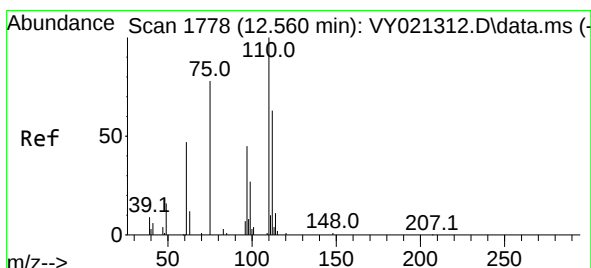
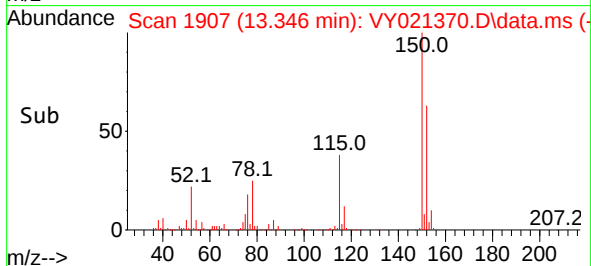
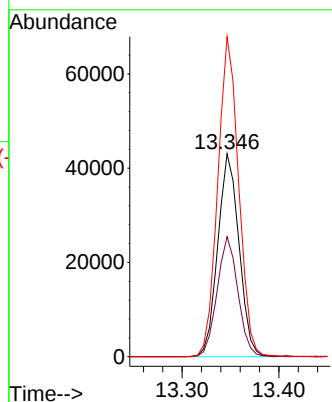
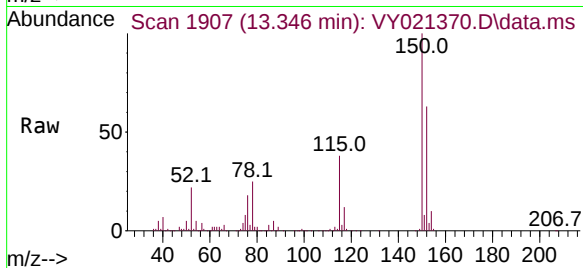
Tgt Ion:152 Resp: 65580

Ion Ratio Lower Upper

152 100

115 57.9 29.3 88.0

150 155.0 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 57.038 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY021370.D

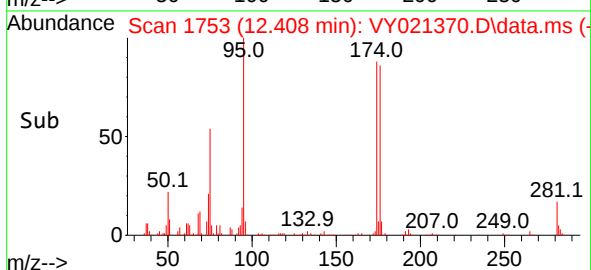
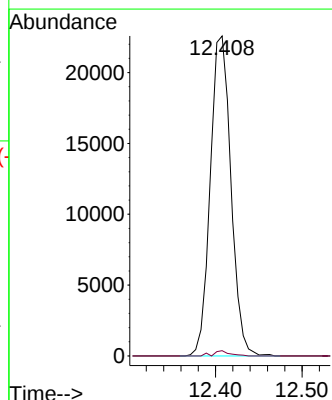
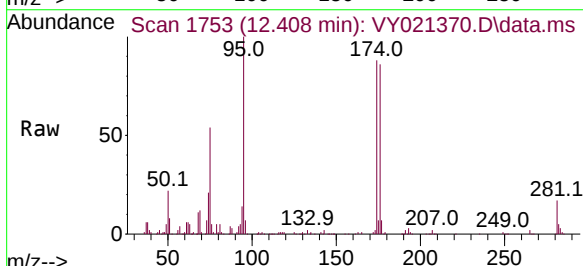
Acq: 27 Feb 2025 19:52

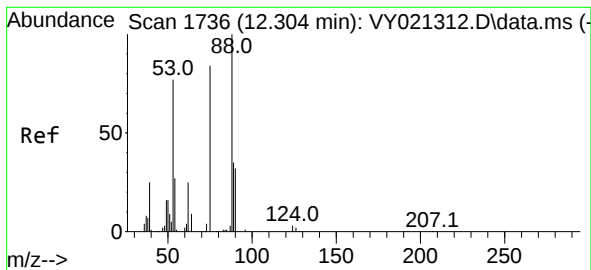
Tgt Ion: 75 Resp: 37441

Ion Ratio Lower Upper

75 100

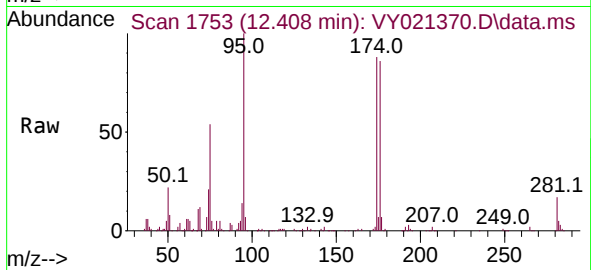
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.775 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021370.D
 Acq: 27 Feb 2025 19:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.1	118.7#
89	0.3	35.6	53.4#

