

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021702.D
 Acq On : 28 Mar 2025 19:09
 Operator : SY/MD
 Sample : Q1664-15
 Misc : 3.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-005-01

Quant Time: Mar 28 23:48:26 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)

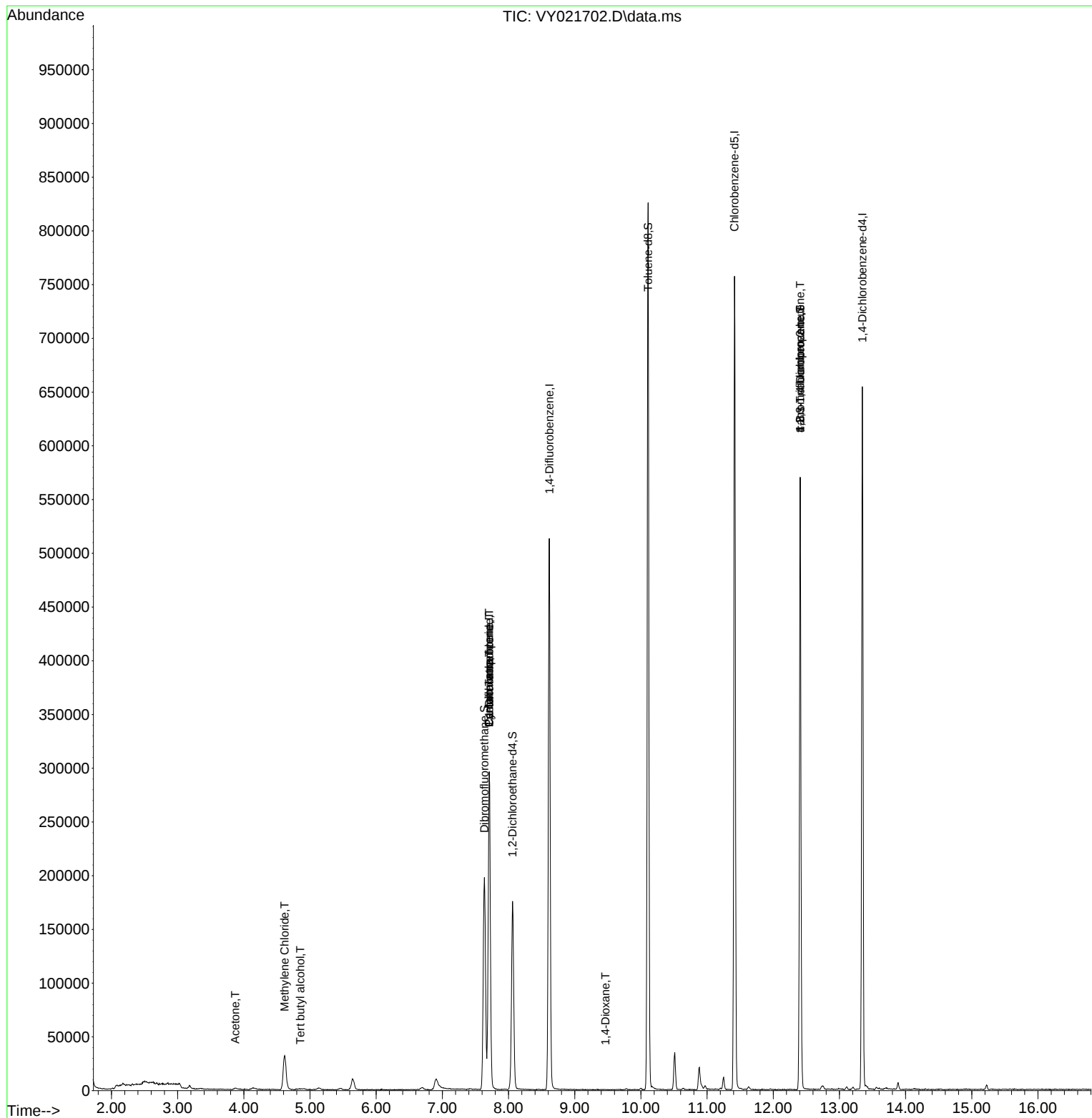
Internal Standards						
1) Pentafluorobenzene	7.707	168	217469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	415021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	390450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	155440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135891	57.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.340%	
35) Dibromofluoromethane	7.634	113	141286	52.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.960%	
50) Toluene-d8	10.109	98	516526	50.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.408	95	160413	46.305	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	734	4.796	ug/l #	86
16) Acetone	3.873	43	2296	4.761	ug/l	95
20) Methylene Chloride	4.616	84	23502	6.603	ug/l	94
31) Cyclohexane	7.707	56	5201	1.251	ug/l #	33
36) 1,1-Dichloropropene	7.707	75	18397	4.486	ug/l #	51
38) Carbon Tetrachloride	7.707	117	22691	4.831	ug/l #	17
49) 1,4-Dioxane	9.463	88	45	2.507	ug/l #	21
76) 1,2,3-Trichloropropane	12.408	75	87316	56.669	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	87316	130.575	ug/l #	12

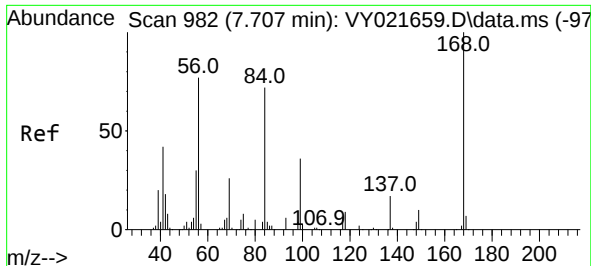
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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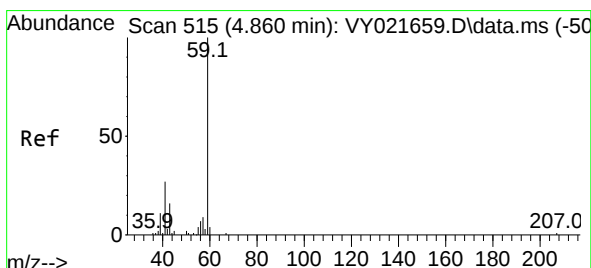
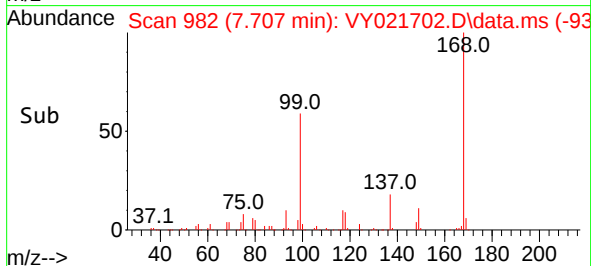
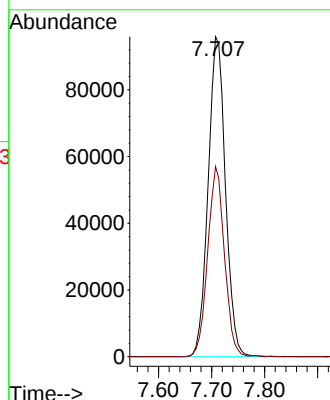
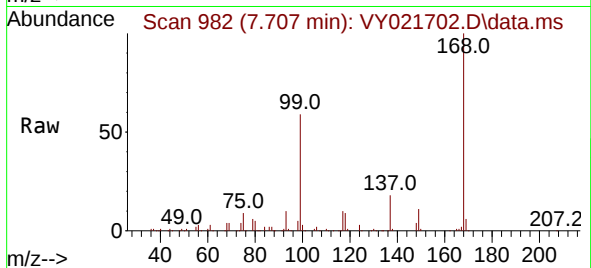




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

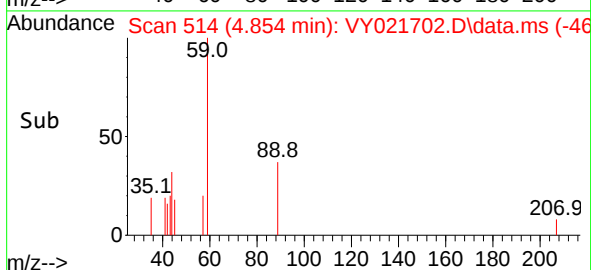
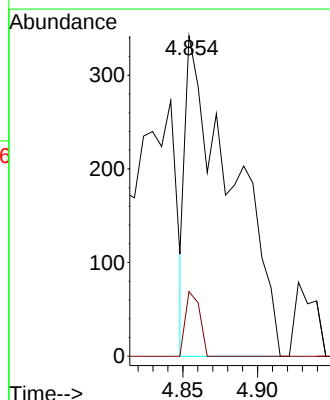
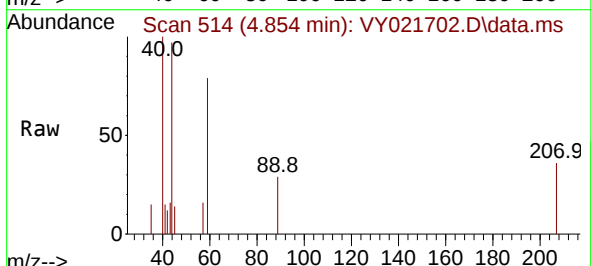
Instrument :
MSVOA_Y
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P001-BBDGA-005-01

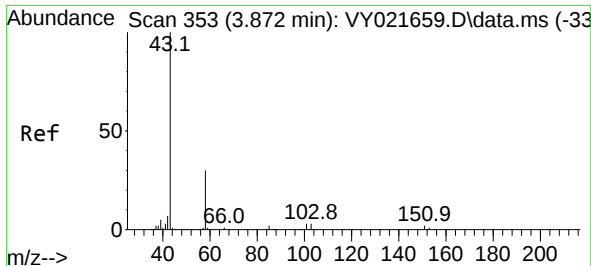
Tgt Ion:168 Resp: 217469
Ion Ratio Lower Upper
168 100
99 59.4 46.7 70.1



#11
Tert butyl alcohol
Concen: 4.796 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

Tgt Ion: 59 Resp: 734
Ion Ratio Lower Upper
59 100
57 6.3 9.2 13.8#

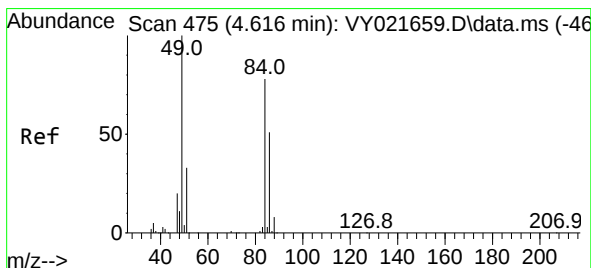
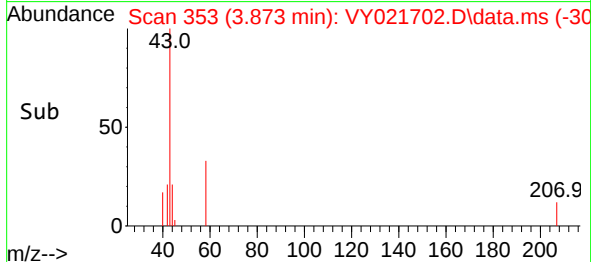
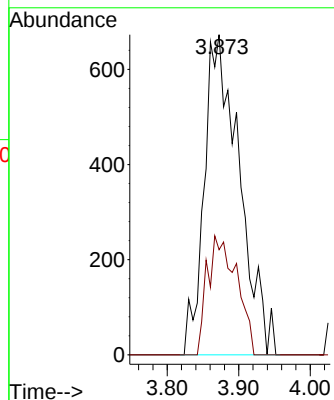
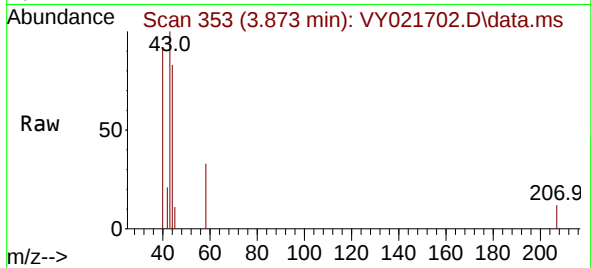




#16
Acetone
Concen: 4.761 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

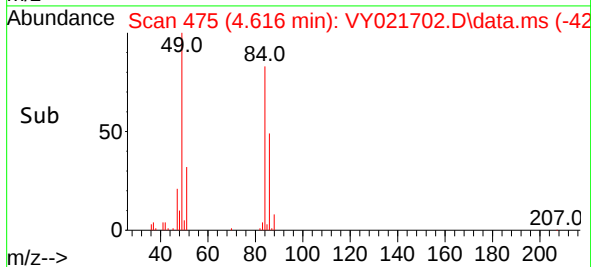
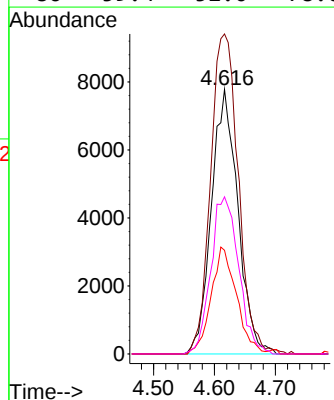
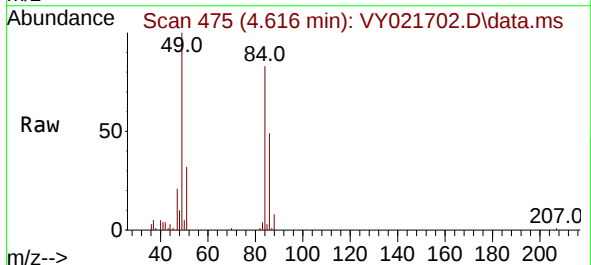
Instrument :
MSVOA_Y
ClientSampleId :
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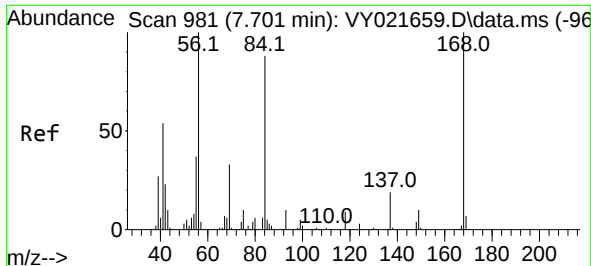
Tgt Ion: 43 Resp: 2296
Ion Ratio Lower Upper
43 100
58 32.8 24.2 36.4



#20
Methylene Chloride
Concen: 6.603 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

Tgt Ion: 84 Resp: 23502
Ion Ratio Lower Upper
84 100
49 120.9 102.8 154.2
51 39.2 33.5 50.3
86 59.4 52.0 78.0

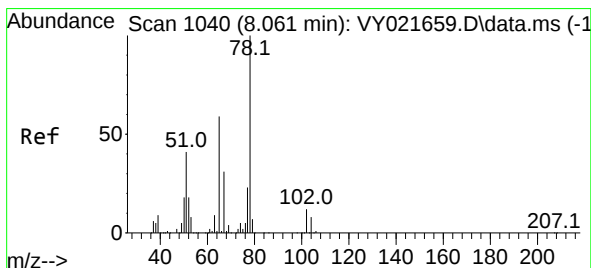
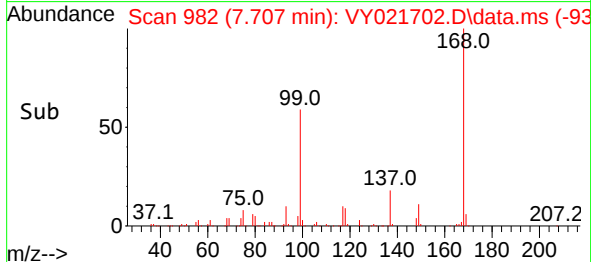
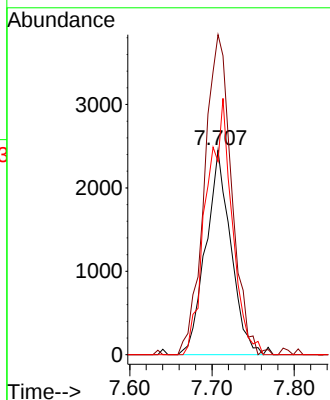
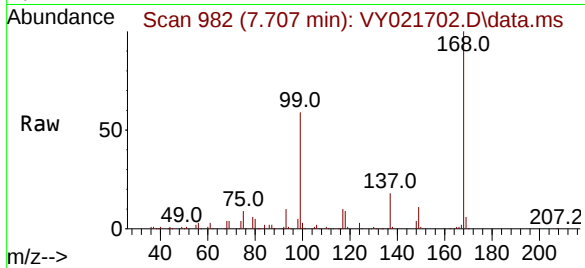




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

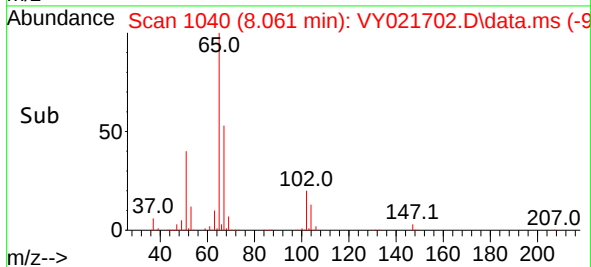
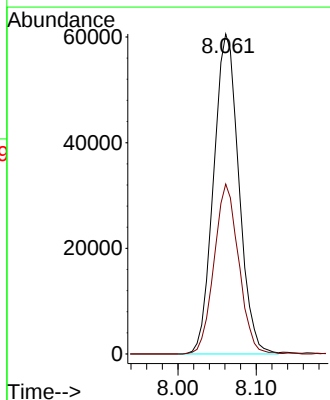
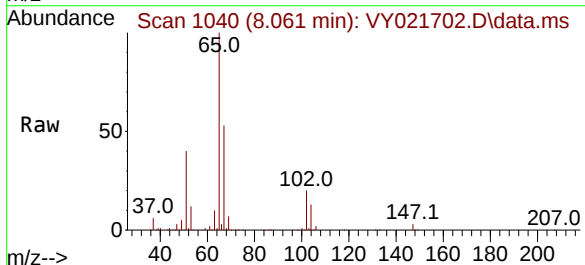
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-005-01

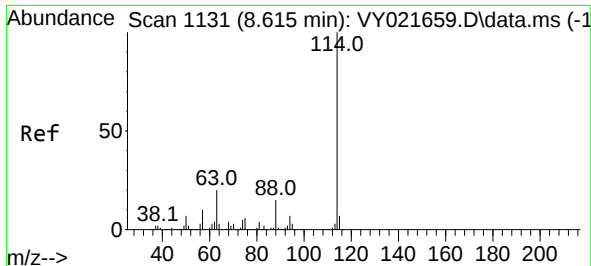
Tgt Ion: 56 Resp: 5201
Ion Ratio Lower Upper
56 100
69 156.5 26.6 40.0#
84 94.5 69.0 103.4



#33
1,2-Dichloroethane-d4
Concen: 57.673 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

Tgt Ion: 65 Resp: 135891
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6

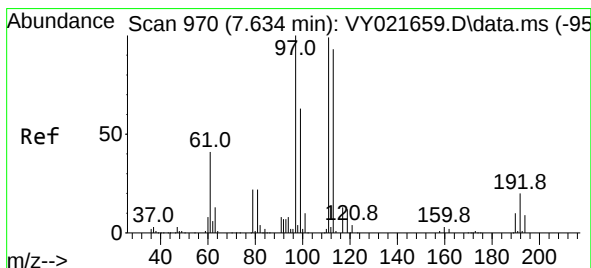
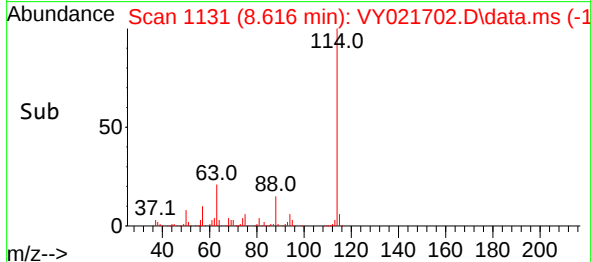
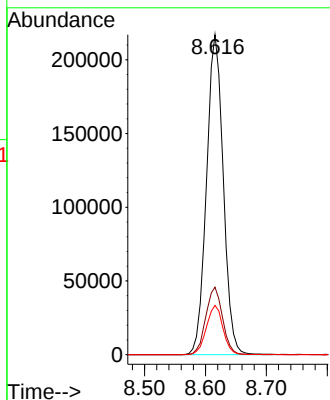
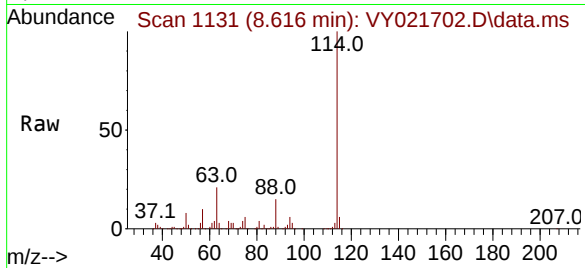




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

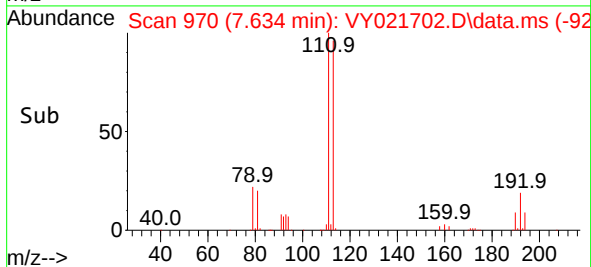
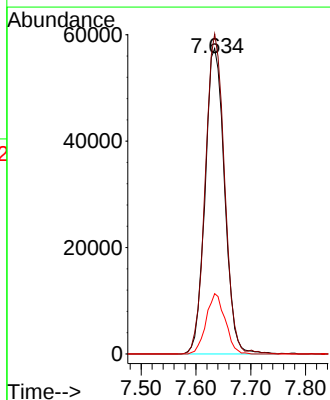
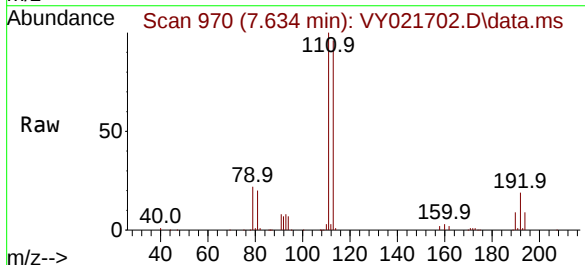
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-005-01

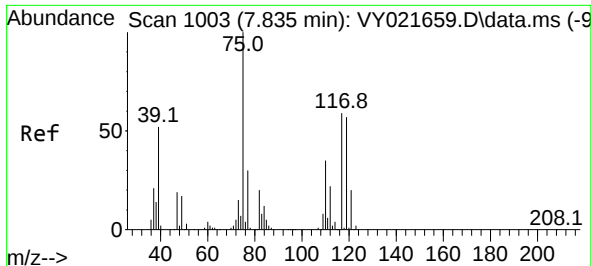
Tgt Ion:114 Resp: 415021
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.2
88 15.4 0.0 29.8



#35
Dibromofluoromethane
Concen: 52.480 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

Tgt Ion:113 Resp: 141286
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 19.3 16.2 24.4

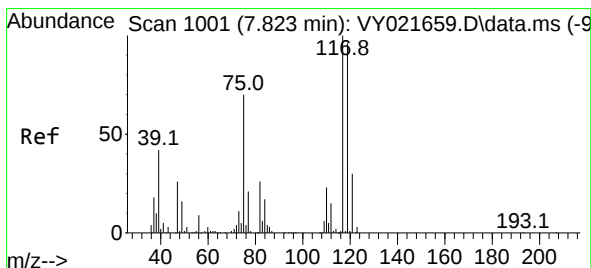
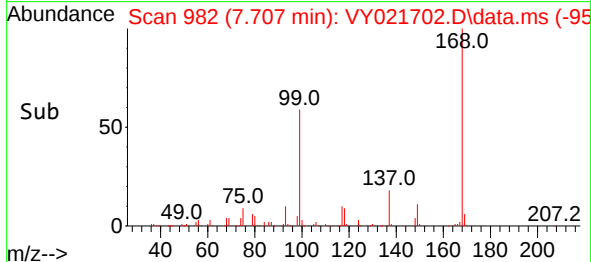
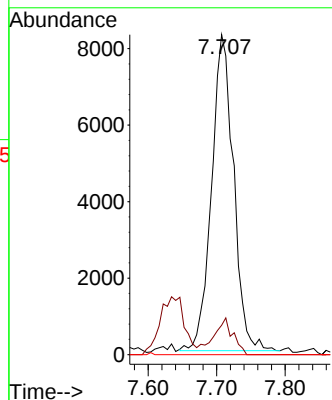
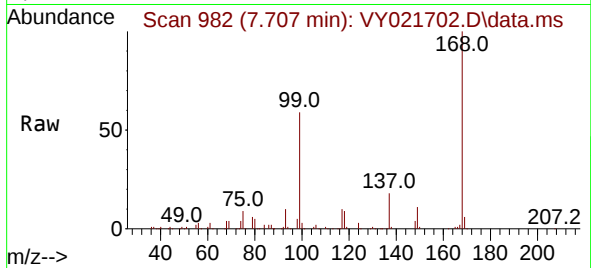




#36
1,1-Dichloropropene
Concen: 4.486 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

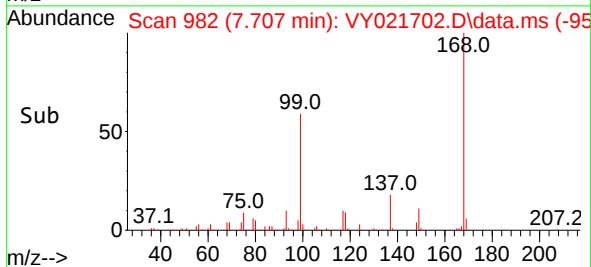
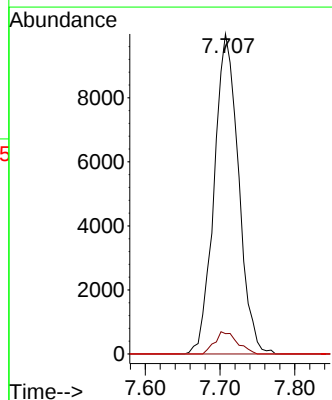
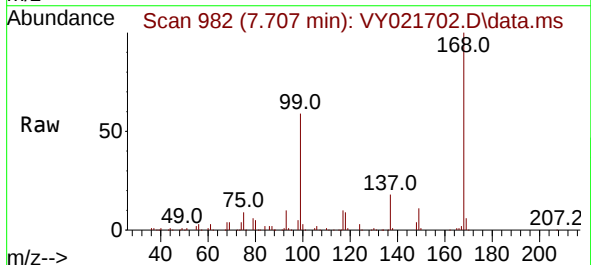
Instrument :
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P001-BBDGA-005-01

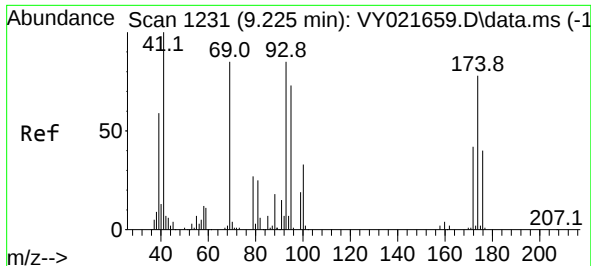
Tgt Ion: 75 Resp: 18397
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.831 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

Tgt Ion: 117 Resp: 22691
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.4#
121 0.0 24.2 36.4#





#49

1,4-Dioxane

Concen: 2.507 ug/l

RT: 9.463 min Scan# 11

Delta R.T. 0.238 min

Lab File: VY021702.D

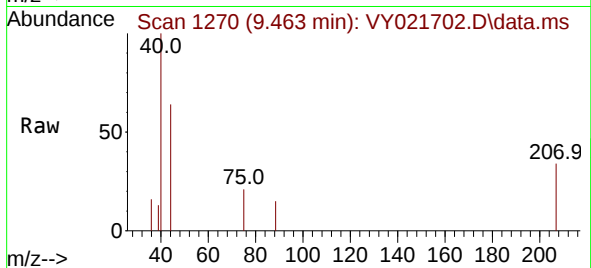
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Instrument :

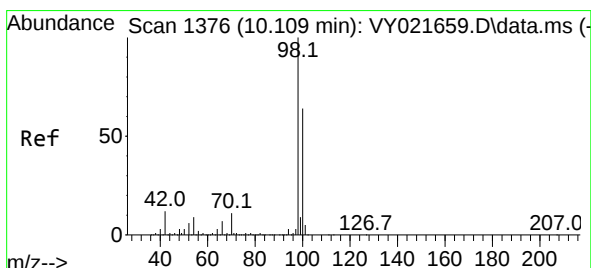
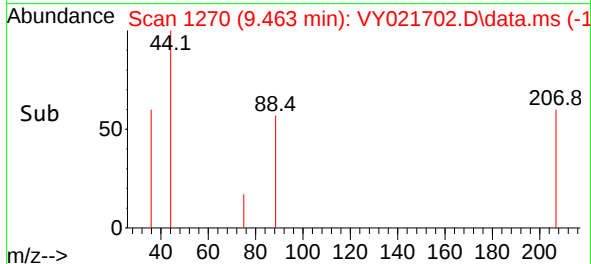
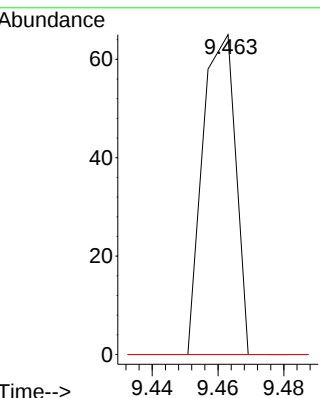
MSVOA_Y

ClientSampleId :

P001-BBDGA-005-01



Tgt Ion:	88	Resp:	45
Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.8	43.2#
58	0.0	59.4	89.2#



#50

Toluene-d8

Concen: 50.433 ug/l

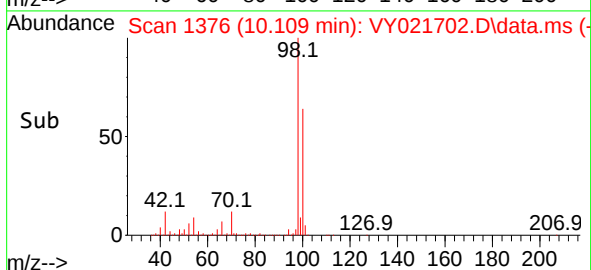
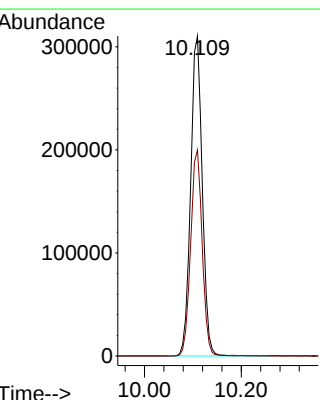
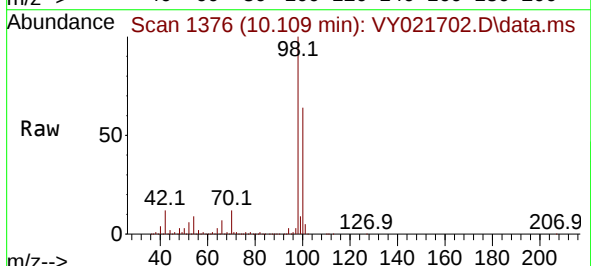
RT: 10.109 min Scan# 1376

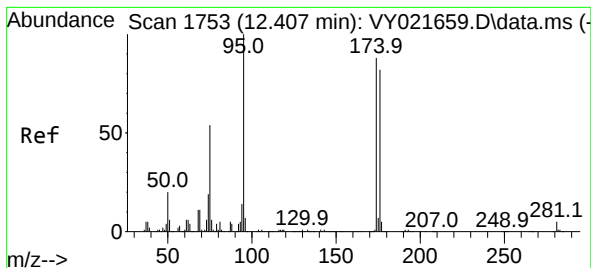
Delta R.T. 0.000 min

Lab File: VY021702.D

Acq: 28 Mar 2025 19:09

Tgt Ion:	98	Resp:	516526
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.1	78.1

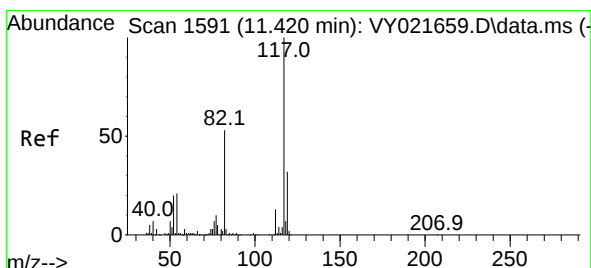
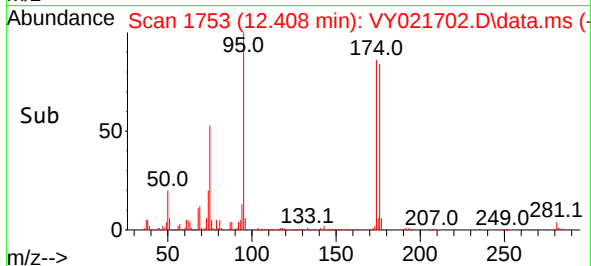
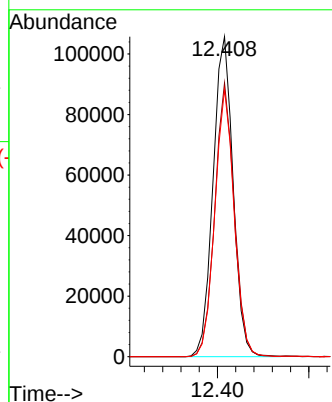
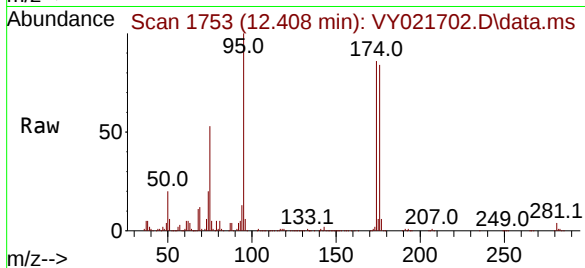




#62
4-Bromofluorobenzene
Concen: 46.305 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

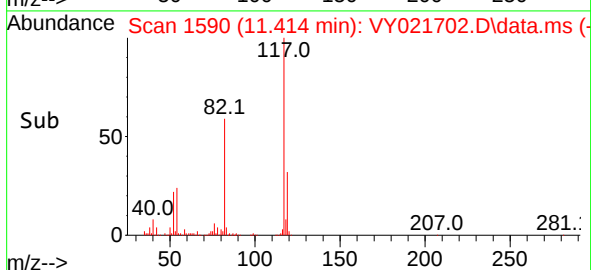
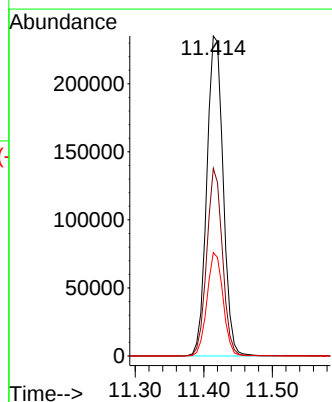
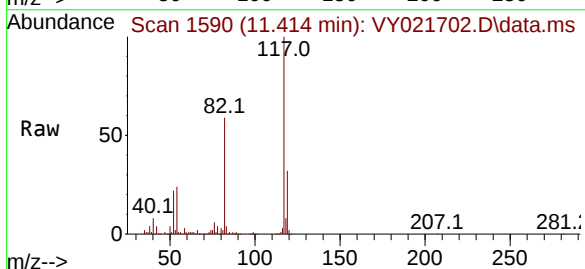
Instrument :
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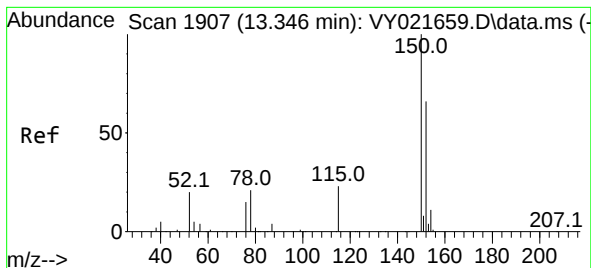
Tgt Ion: 95 Resp: 160413
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.8
176 81.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

Tgt Ion: 117 Resp: 390450
Ion Ratio Lower Upper
117 100
82 58.7 42.8 64.2
119 32.3 25.7 38.5

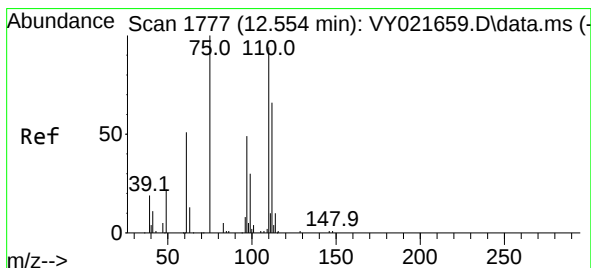
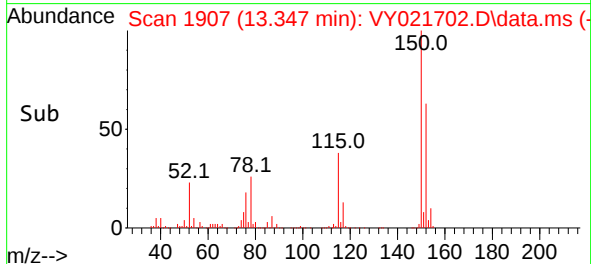
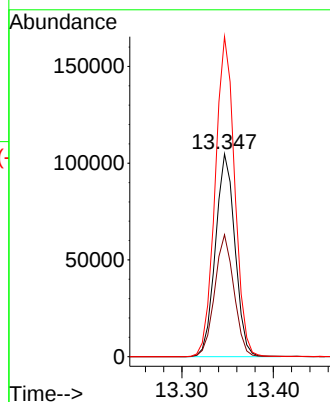
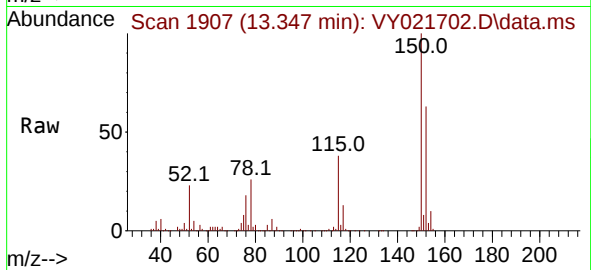




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

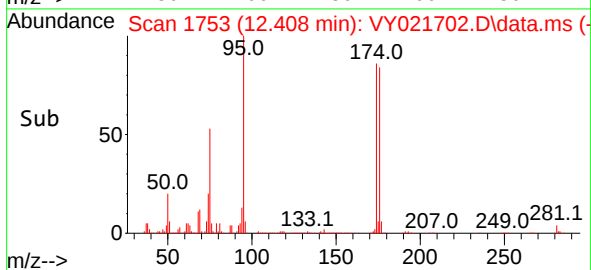
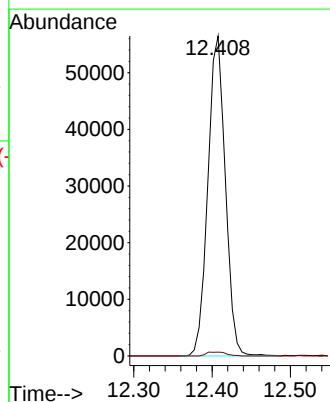
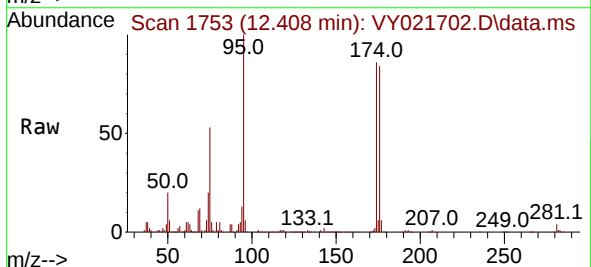
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-005-01

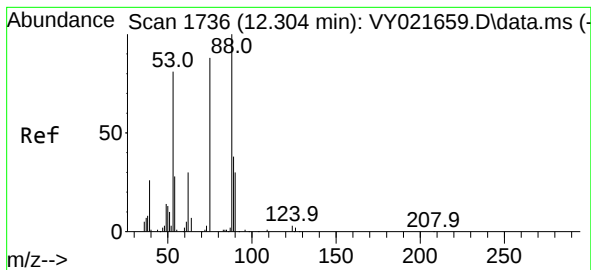
Tgt Ion:152 Resp: 155440
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 157.9 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 56.669 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

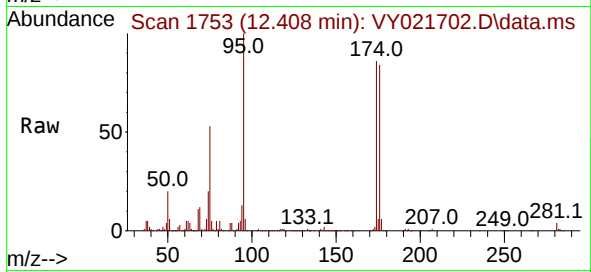
Tgt Ion: 75 Resp: 87316
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 130.575 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021702.D
Acq: 28 Mar 2025 19:09

Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-005-01



Tgt Ion: 75 Resp: 87316
Ion Ratio Lower Upper
75 100
53 0.3 76.1 114.1#
89 0.2 36.2 54.4#

