

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021057.D
 Acq On : 04 Feb 2025 14:39
 Operator : SY/MD
 Sample : Q1232-05
 Misc : 15.19g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:47:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

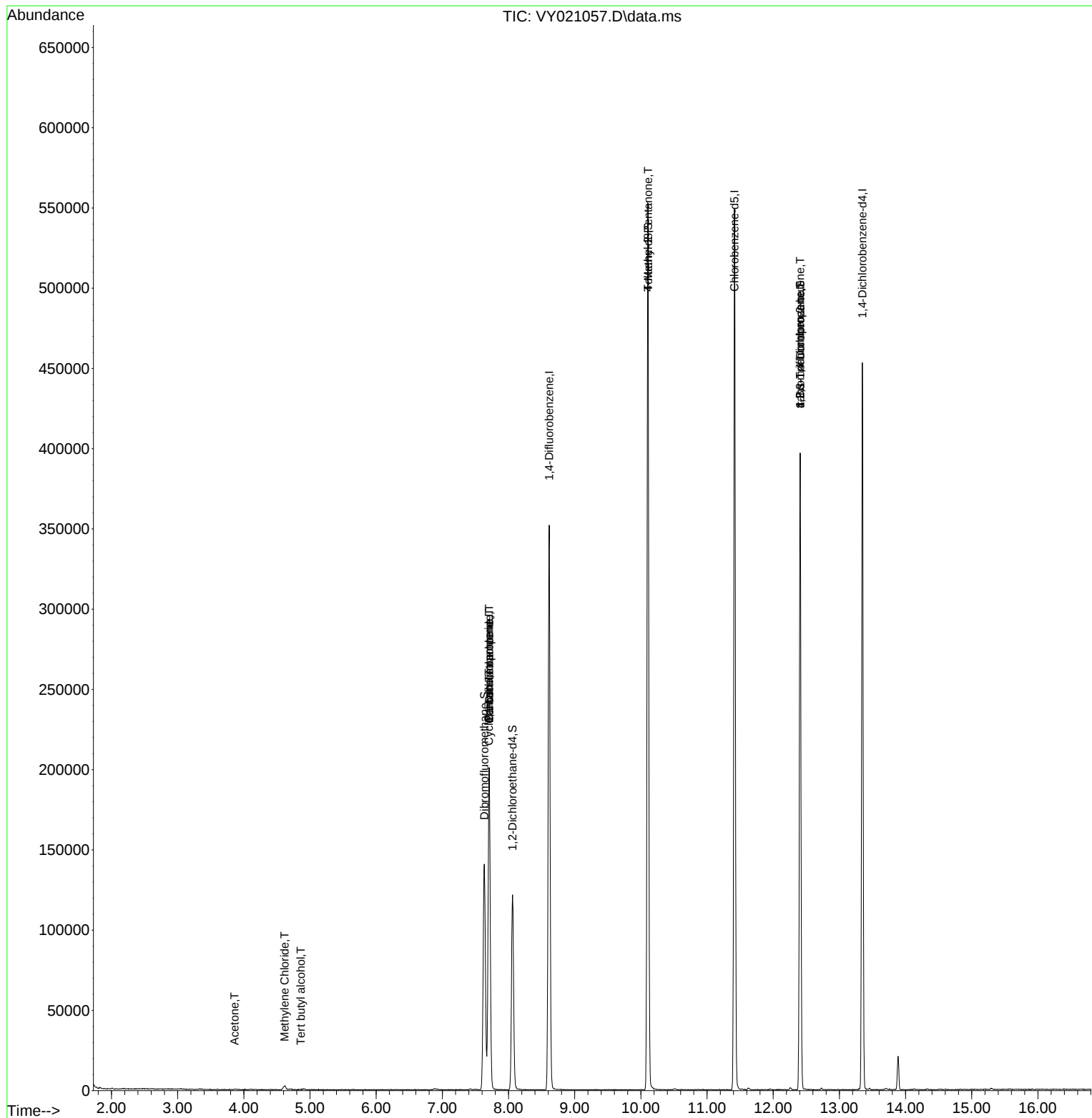
Internal Standards						
1) Pentafluorobenzene	7.707	168	153324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	288726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	112034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97642	62.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.320%	
35) Dibromofluoromethane	7.634	113	97993	52.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.920%	
50) Toluene-d8	10.109	98	359016	50.965	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.407	95	115017	49.978	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	260	2.442	ug/l #	75
16) Acetone	3.860	43	646	2.637	ug/l #	41
20) Methylene Chloride	4.616	84	1722	1.131	ug/l #	89
31) Cyclohexane	7.701	56	3325	1.241	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	12127	4.425	ug/l #	53
38) Carbon Tetrachloride	7.707	117	15606	4.873	ug/l #	17
51) 4-Methyl-2-Pentanone	10.109	43	1729	1.439	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	62870	61.862	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	62870	126.229	ug/l #	12

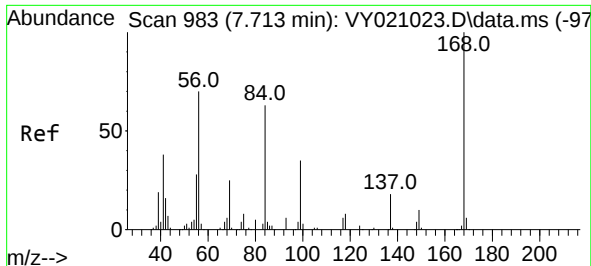
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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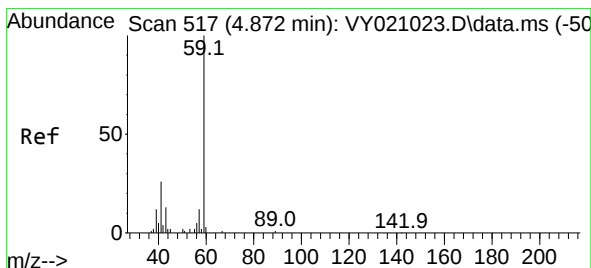
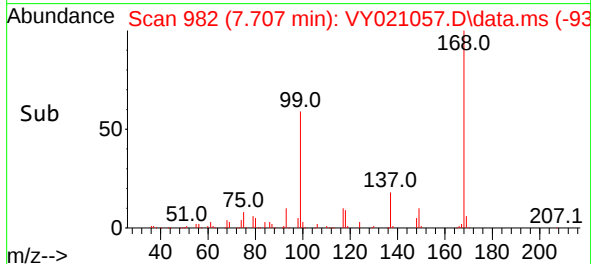
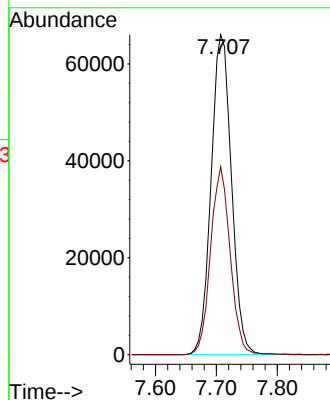
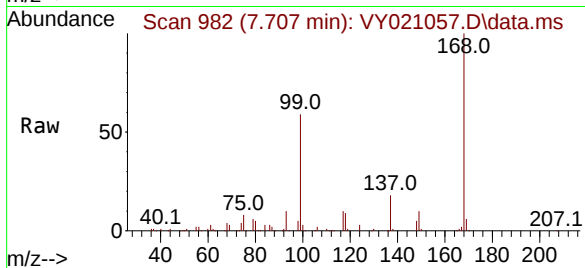




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

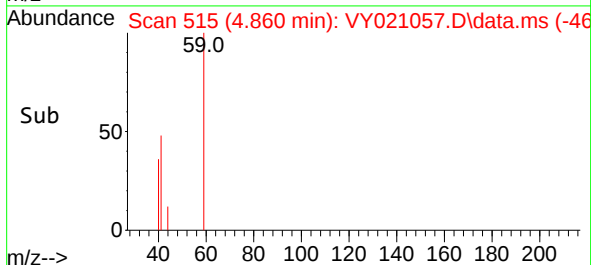
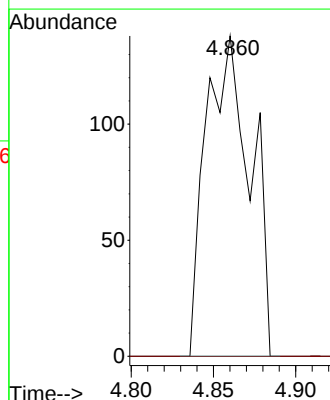
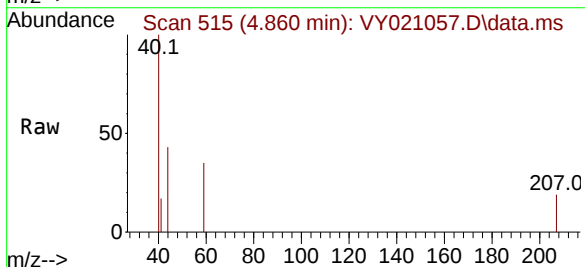
Instrument :
MSVOA_Y
ClientSampleId :

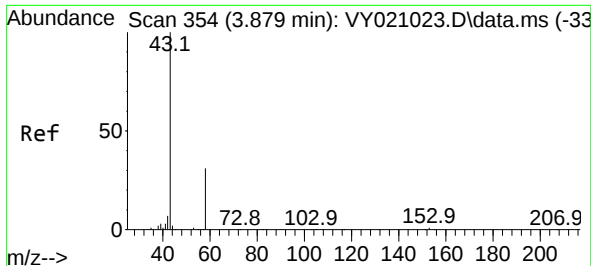
Tgt Ion:168 Resp: 153324
Ion Ratio Lower Upper
168 100
99 58.8 44.2 66.4



#11
Tert butyl alcohol
Concen: 2.442 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

Tgt Ion: 59 Resp: 260
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

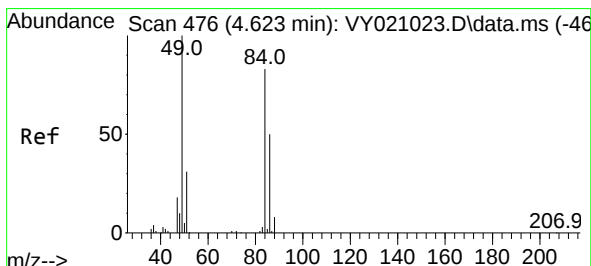
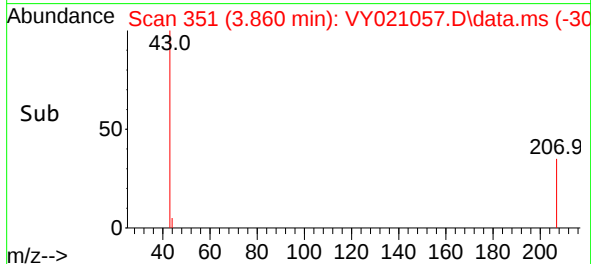
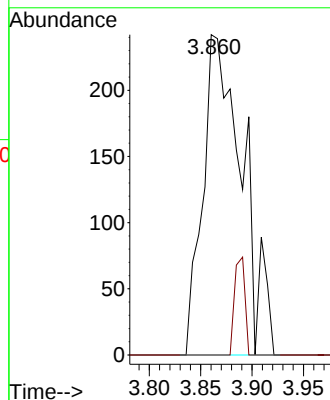
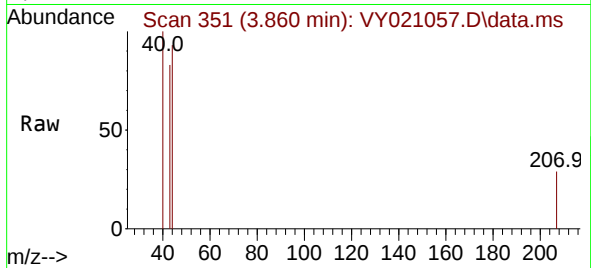




#16
Acetone
Concen: 2.637 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.019 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

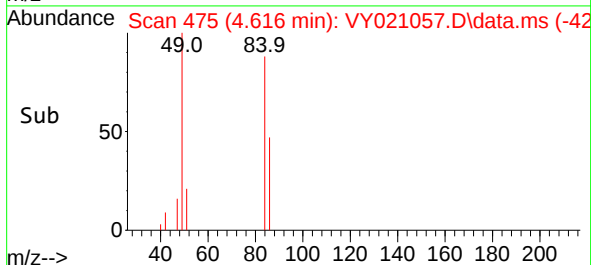
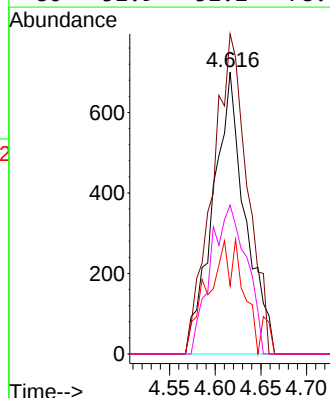
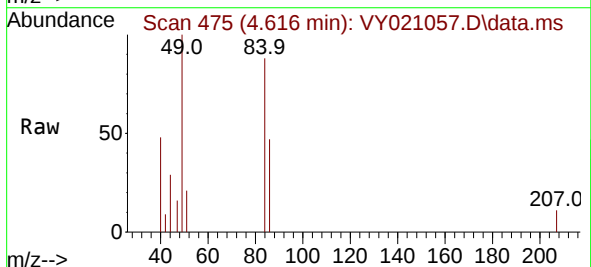
Instrument :
MSVOA_Y
ClientSampleId :

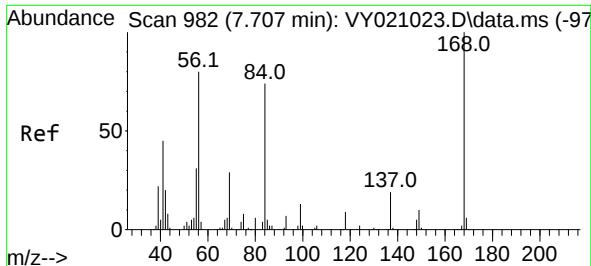
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#20
Methylene Chloride
Concen: 1.131 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

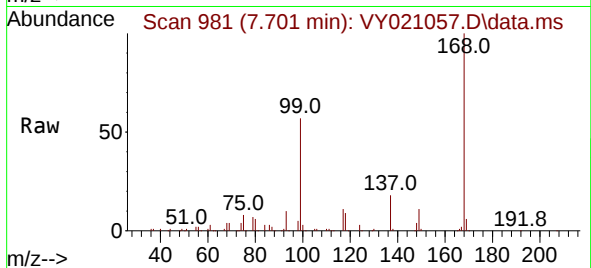
Tgt Ion: 84 Resp: 1722
Ion Ratio Lower Upper
84 100
49 113.6 95.2 142.8
51 24.1 29.9 44.9#
86 52.9 52.2 78.4



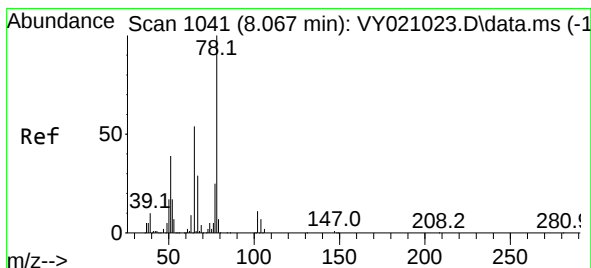
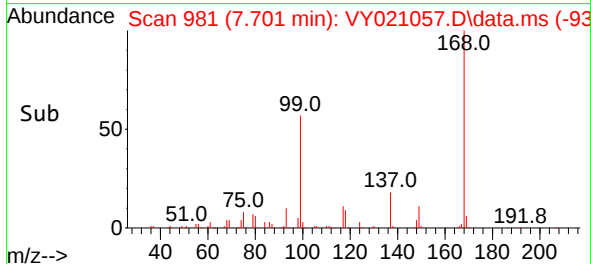
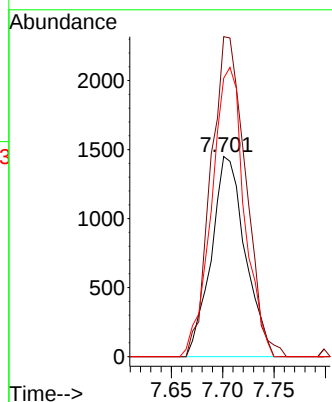


#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

Instrument :
MSVOA_Y
ClientSampleId :

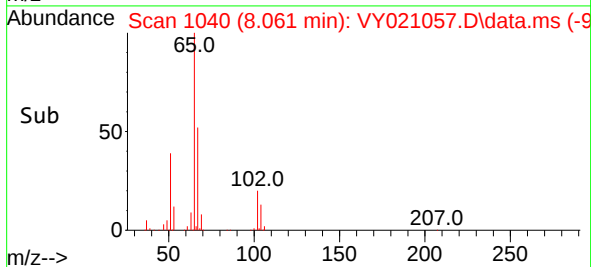
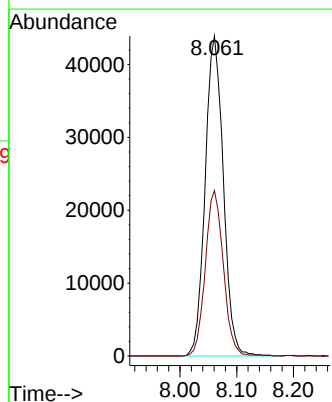
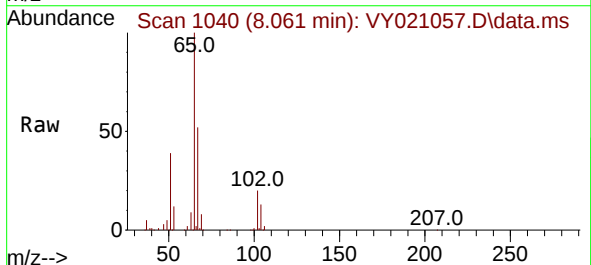


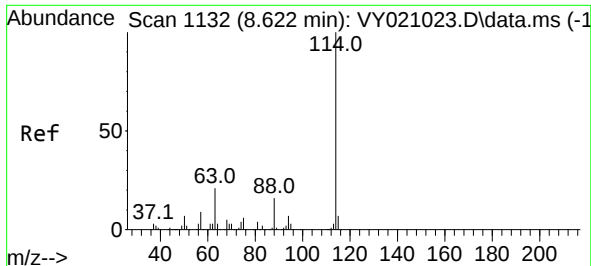
Tgt Ion: 56 Resp: 3325
Ion Ratio Lower Upper
56 100
69 159.9 27.0 40.6#
84 139.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 62.156 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

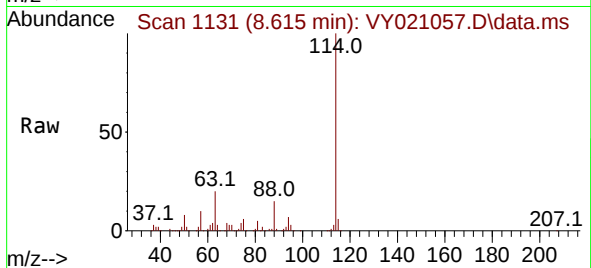
Tgt Ion: 65 Resp: 97642
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0



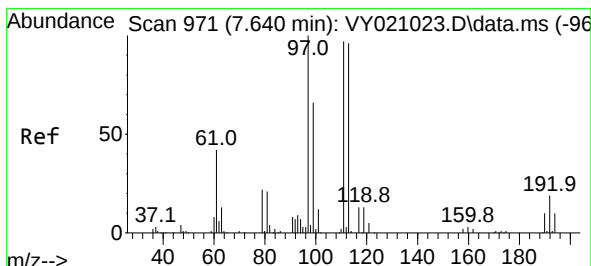
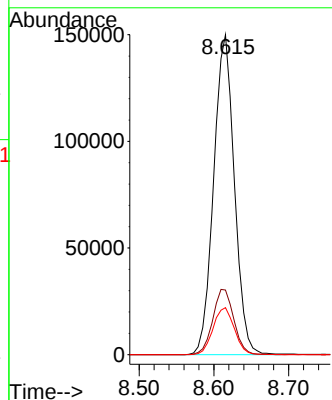
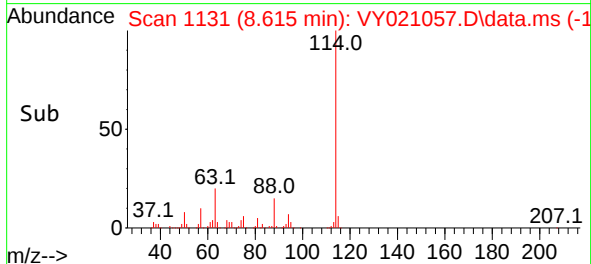


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

Instrument :
MSVOA_Y
ClientSampleId :

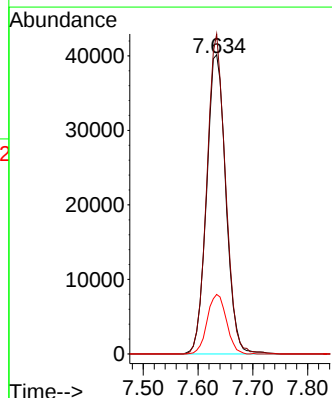
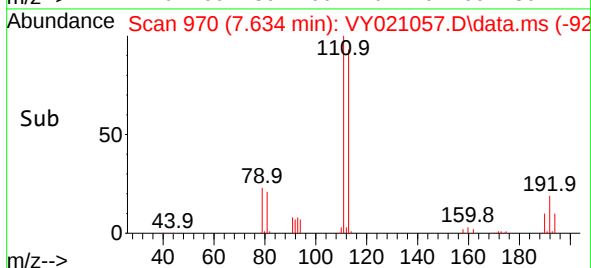
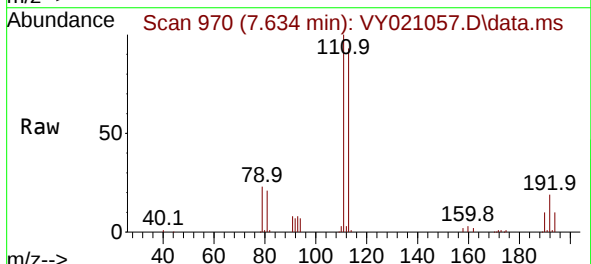


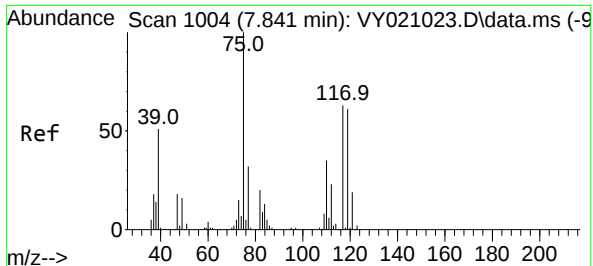
Tgt Ion:114 Resp: 288726
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 14.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.959 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

Tgt Ion:113 Resp: 97993
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 19.7 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.425 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021057.D

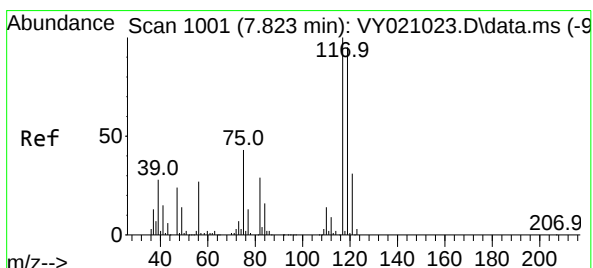
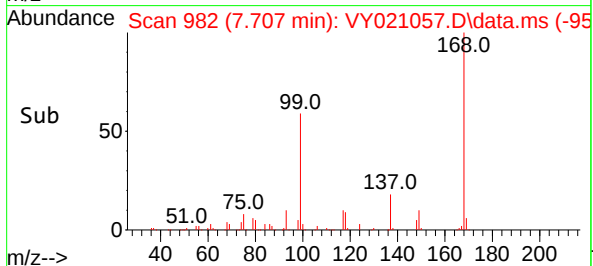
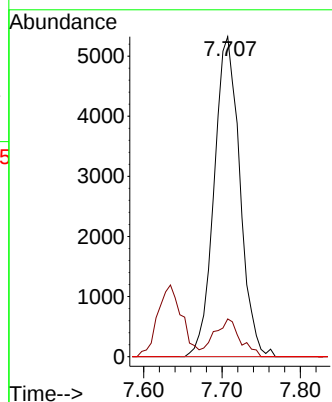
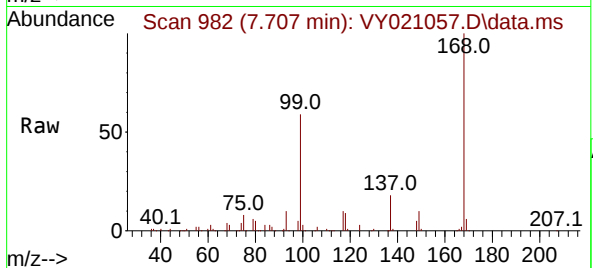
Acq: 04 Feb 2025 14:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	12127
Ion	Ratio	Lower	Upper
75	100		
110	11.9	17.4	52.3#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 4.873 ug/l

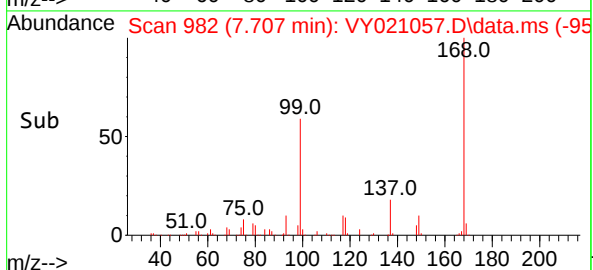
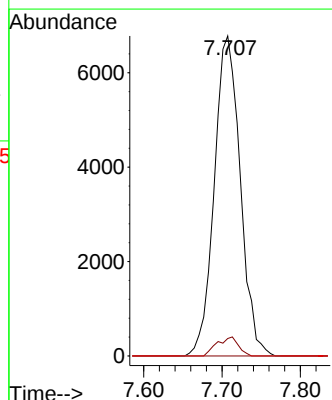
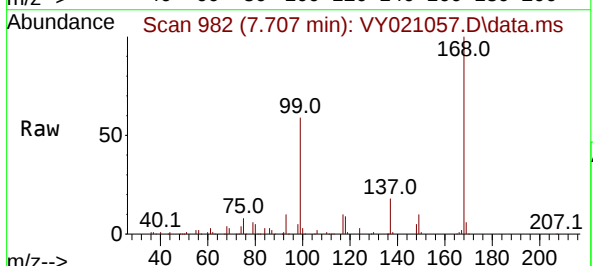
RT: 7.707 min Scan# 982

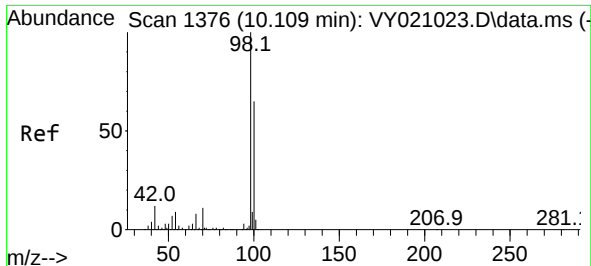
Delta R.T. -0.116 min

Lab File: VY021057.D

Acq: 04 Feb 2025 14:39

Tgt Ion:	117	Resp:	15606
Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.0	114.0#
121	0.0	24.2	36.2#

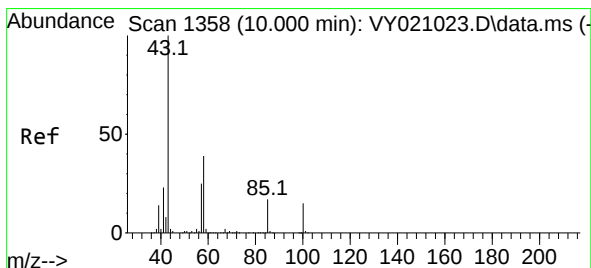
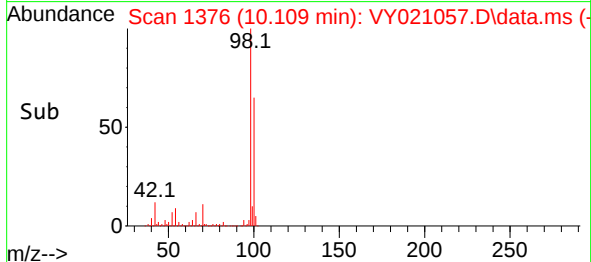
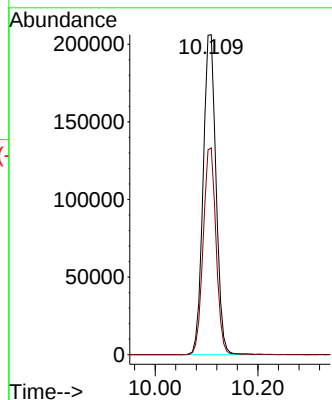
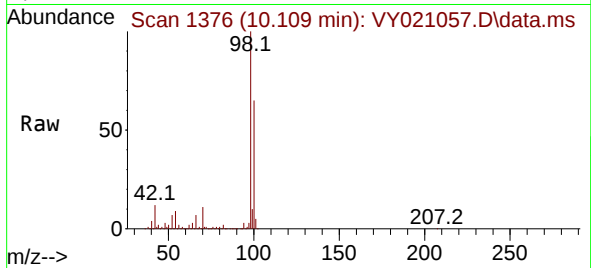




#50
Toluene-d8
Concen: 50.965 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

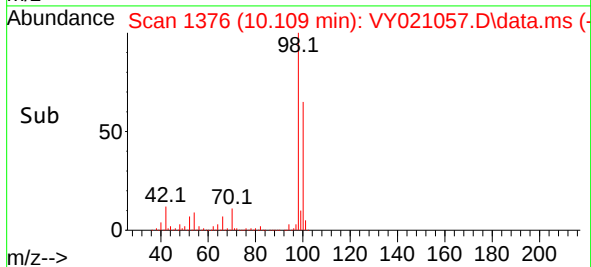
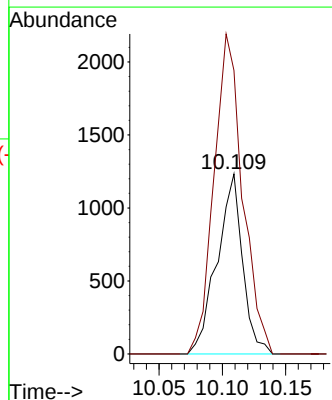
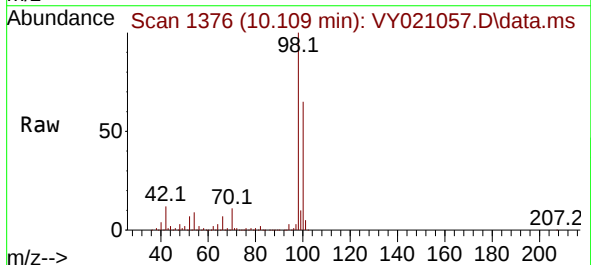
Instrument :
MSVOA_Y
ClientSampleId :

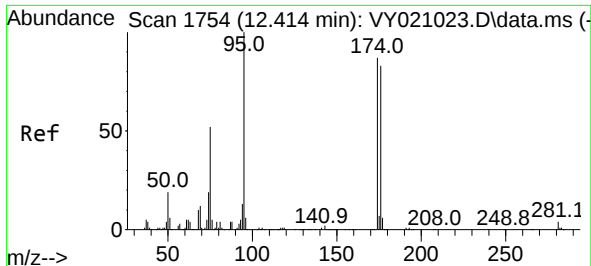
Tgt Ion: 98 Resp: 359016
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.439 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.109 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

Tgt Ion: 43 Resp: 1729
Ion Ratio Lower Upper
43 100
58 199.1 32.2 48.2#

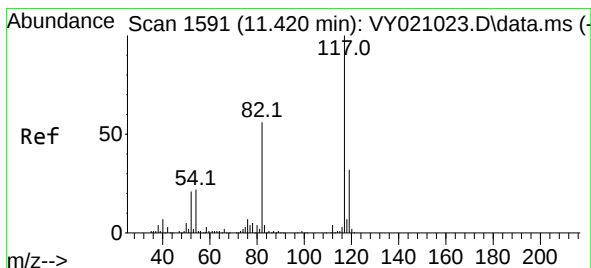
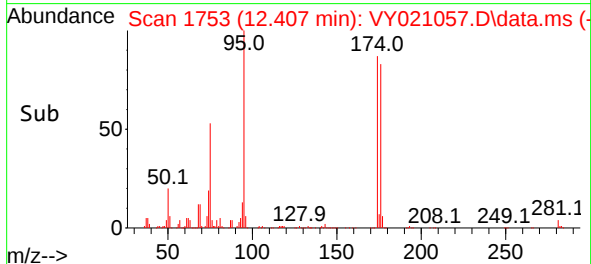
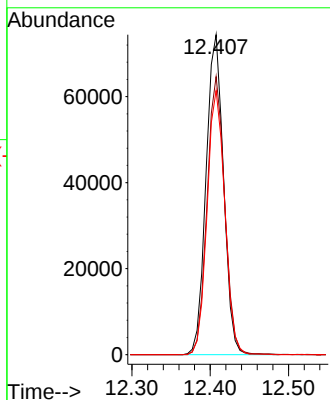
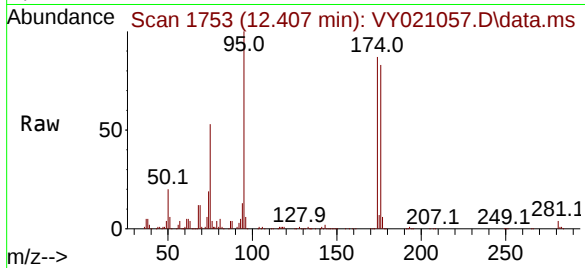




#62
4-Bromofluorobenzene
Concen: 49.978 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

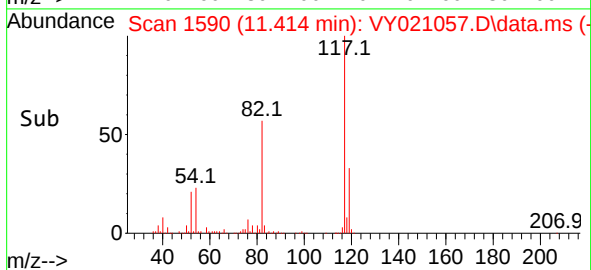
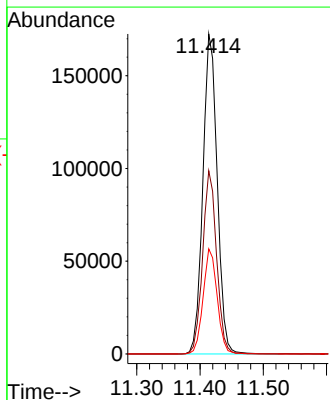
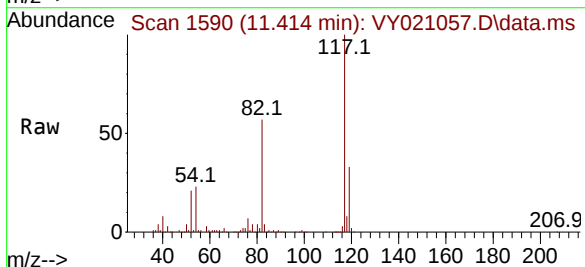
Instrument :
MSVOA_Y
ClientSampleId :

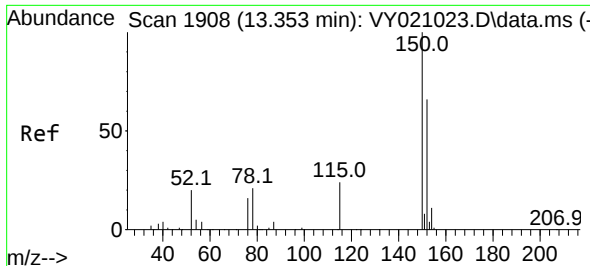
Tgt Ion: 95 Resp: 115017
Ion Ratio Lower Upper
95 100
174 87.9 0.0 160.0
176 83.7 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

Tgt Ion:117 Resp: 272546
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 32.8 26.5 39.7

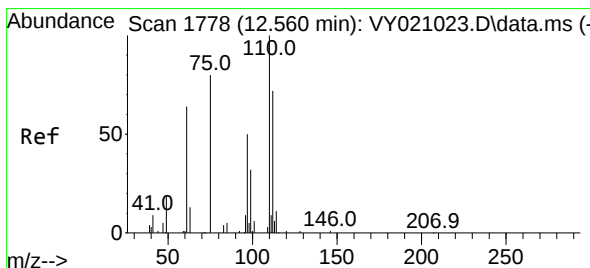
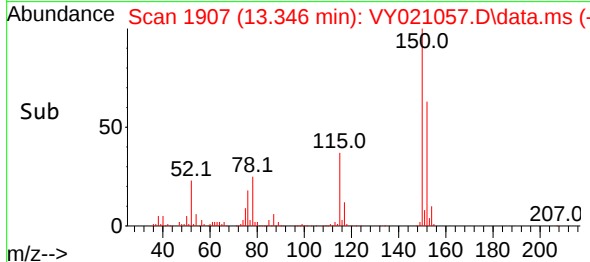
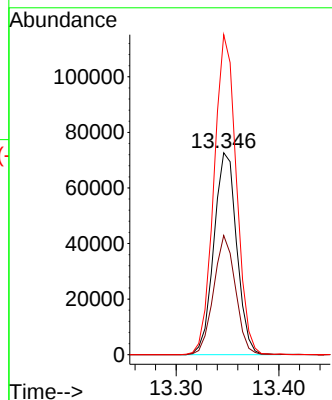
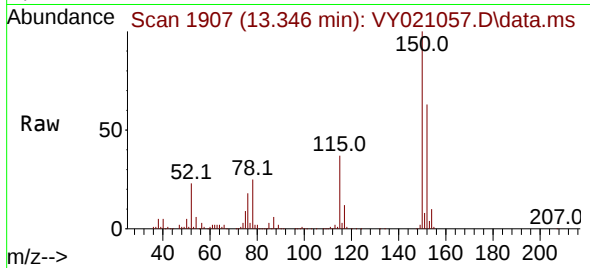




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY021057.D
 Acq: 04 Feb 2025 14:39

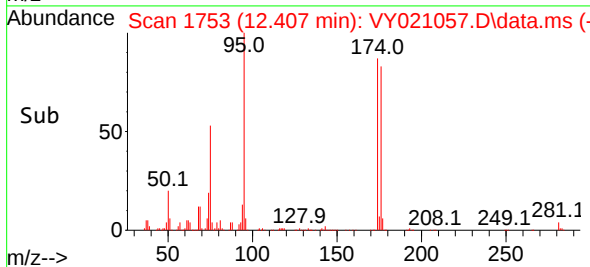
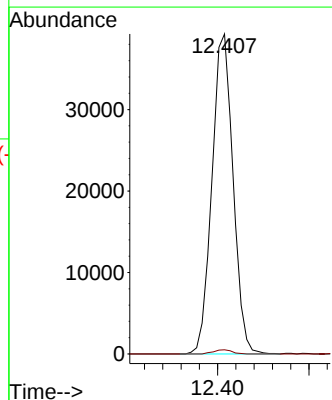
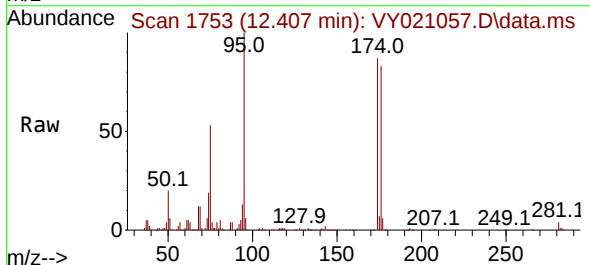
Instrument :
 MSVOA_Y
 ClientSampleId :

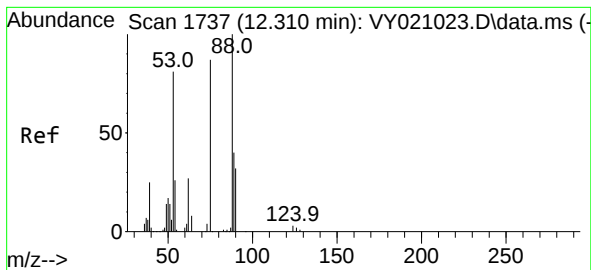
Tgt Ion:152 Resp: 112034
 Ion Ratio Lower Upper
 152 100
 115 56.3 30.0 90.0
 150 155.5 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 61.862 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.153 min
 Lab File: VY021057.D
 Acq: 04 Feb 2025 14:39

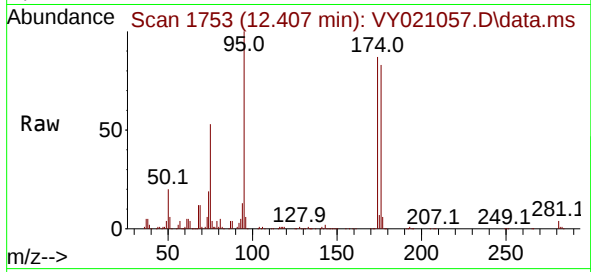
Tgt Ion: 75 Resp: 62870
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 126.229 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY021057.D
Acq: 04 Feb 2025 14:39

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 62870
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

