

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021069.D
 Acq On : 04 Feb 2025 19:20
 Operator : SY/MD
 Sample : Q1271-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:51:06 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)

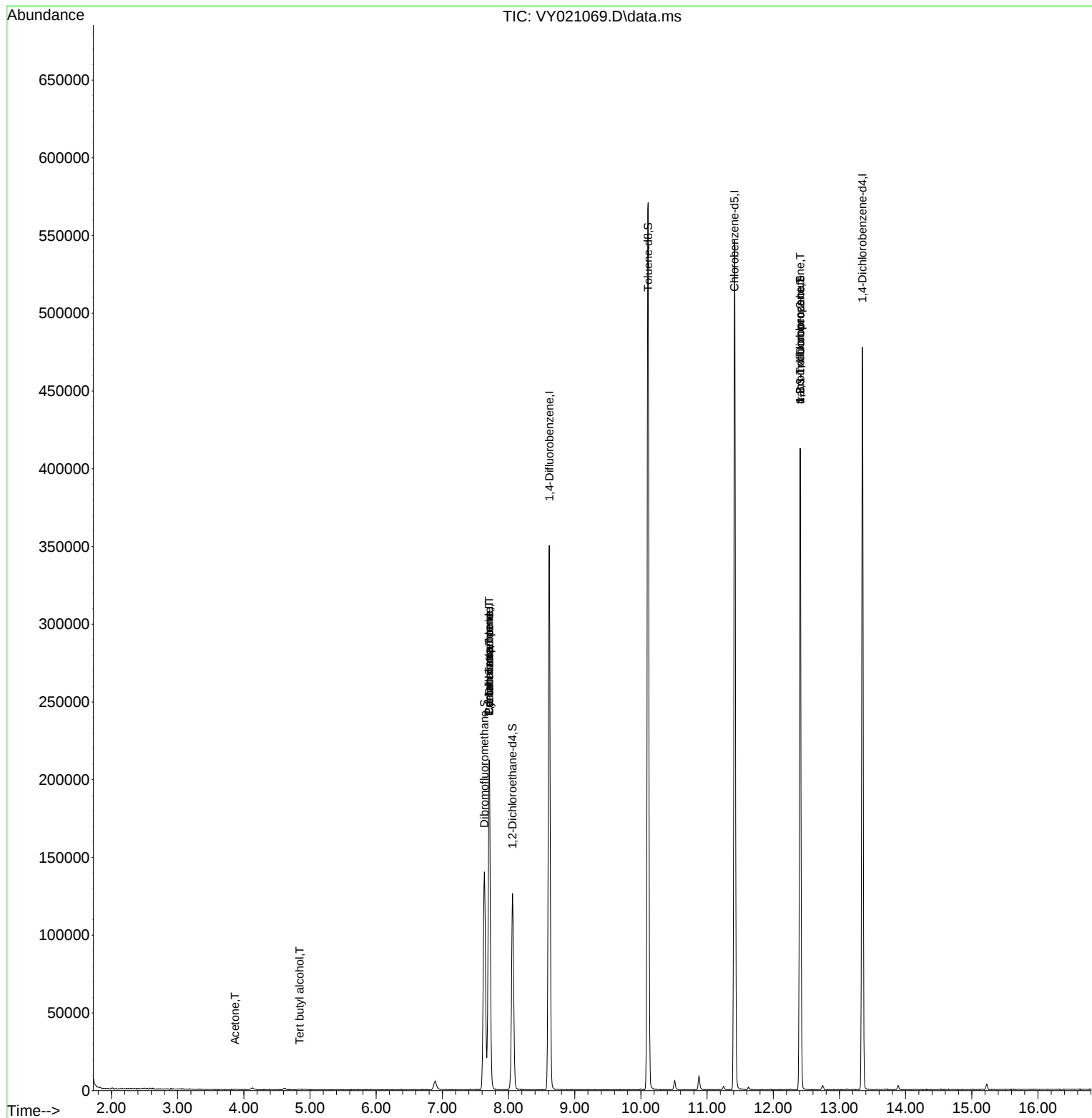
Internal Standards						
1) Pentafluorobenzene	7.707	168	157210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	294768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	279226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96830	60.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.240%	
35) Dibromofluoromethane	7.634	113	98025	51.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.780%	
50) Toluene-d8	10.109	98	365766	50.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	12.408	95	118774	50.552	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	113	1.035	ug/l #	75
16) Acetone	3.866	43	550	2.190	ug/l #	41
31) Cyclohexane	7.707	56	3569	1.299	ug/l #	28
36) 1,1-Dichloropropene	7.707	75	12704	4.540	ug/l #	51
38) Carbon Tetrachloride	7.707	117	16547	5.061	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	65420	62.302	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	65420	127.127	ug/l #	12

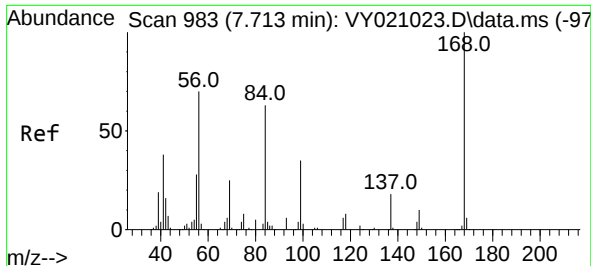
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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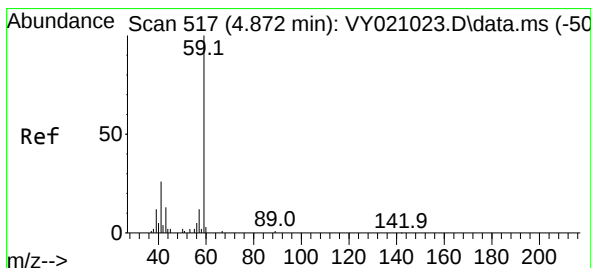
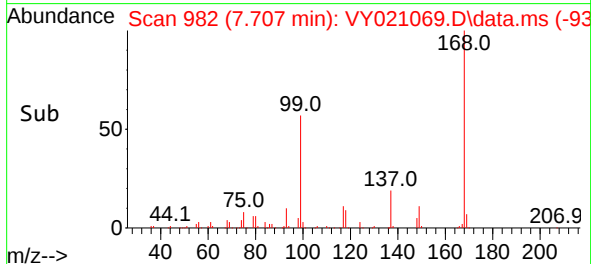
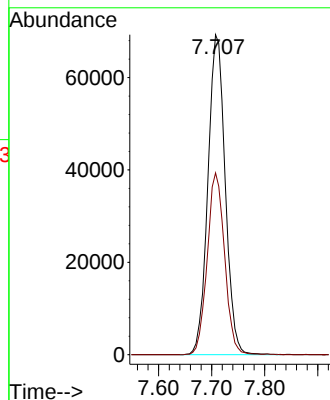
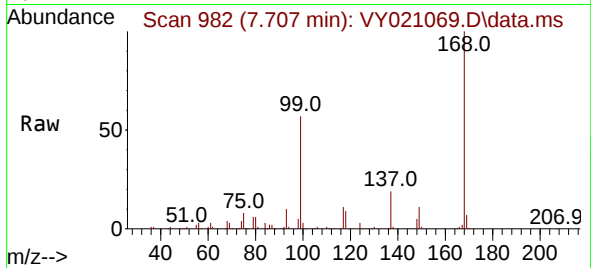




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

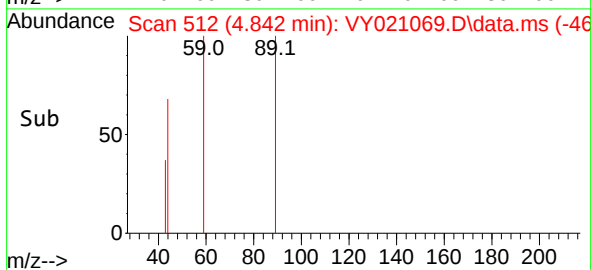
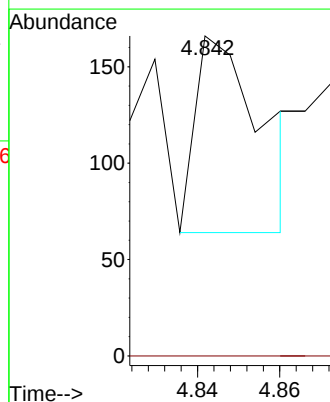
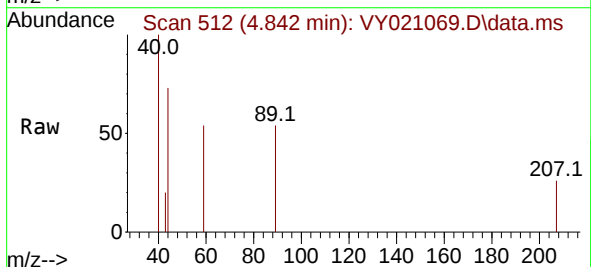
Instrument :
MSVOA_Y
ClientSampleId :

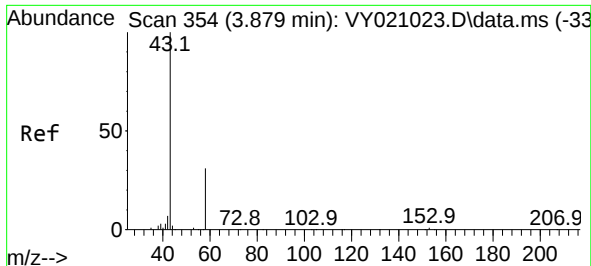
Tgt Ion:168 Resp: 157210
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.035 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

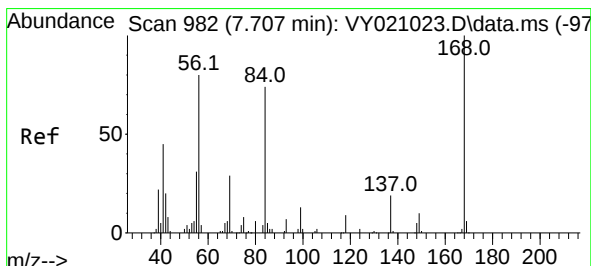
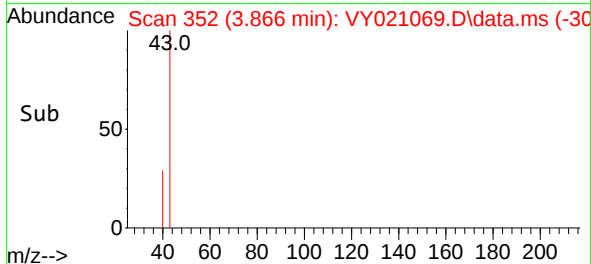
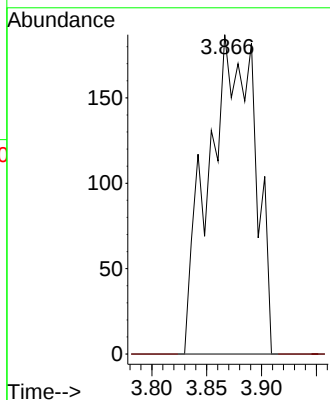
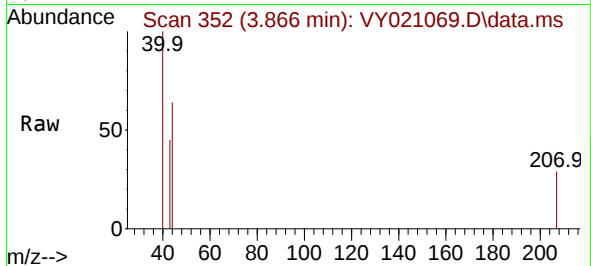




#16
Acetone
Concen: 2.190 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

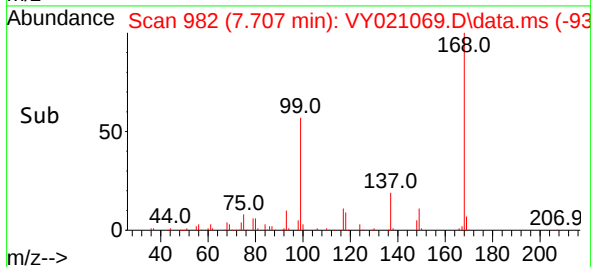
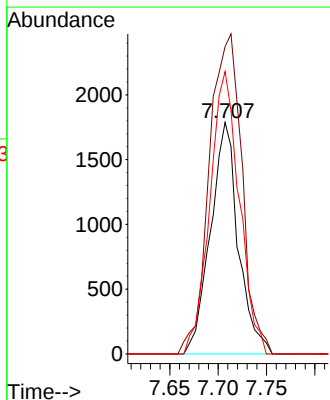
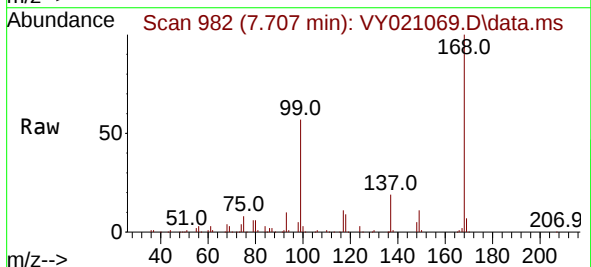
Instrument :
MSVOA_Y
ClientSampleId :

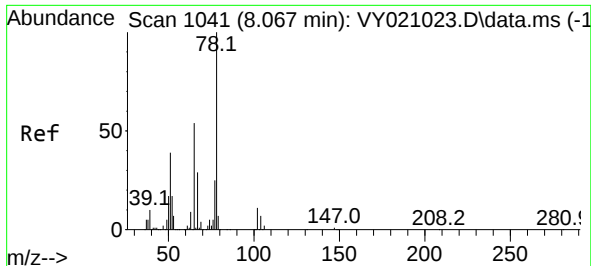
Tgt Ion: 43 Resp: 550
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

Tgt Ion: 56 Resp: 3569
Ion Ratio Lower Upper
56 100
69 132.7 27.0 40.6#
84 122.0 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 60.115 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021069.D

Acq: 04 Feb 2025 19:20

Instrument :

MSVOA_Y

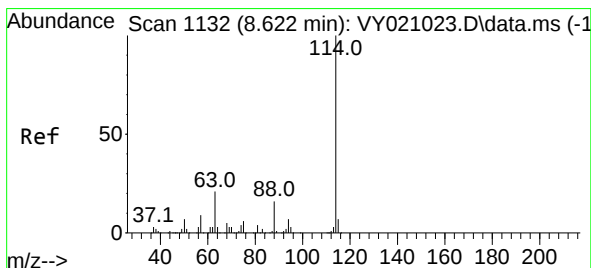
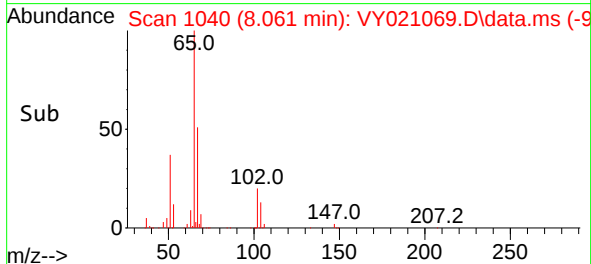
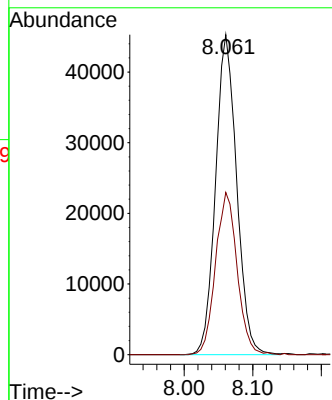
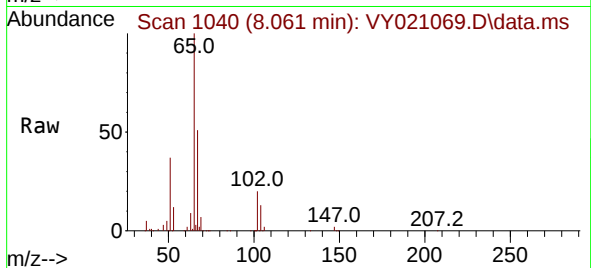
ClientSampleId :

Tgt Ion: 65 Resp: 96830

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021069.D

Acq: 04 Feb 2025 19:20

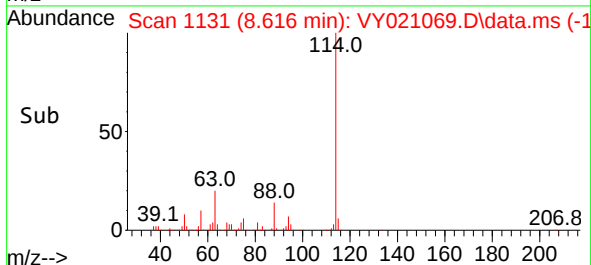
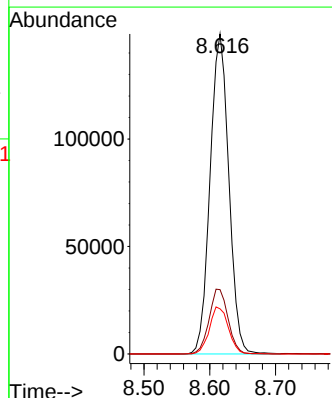
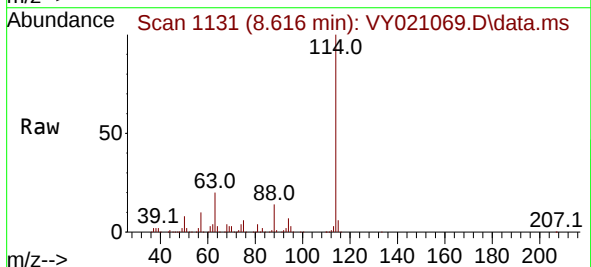
Tgt Ion:114 Resp: 294768

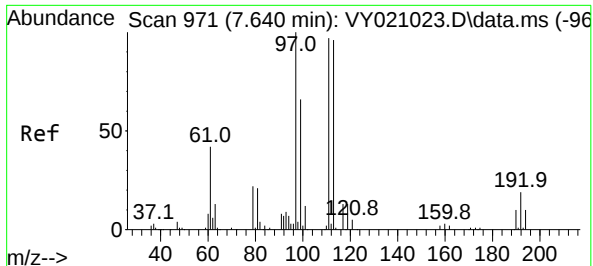
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

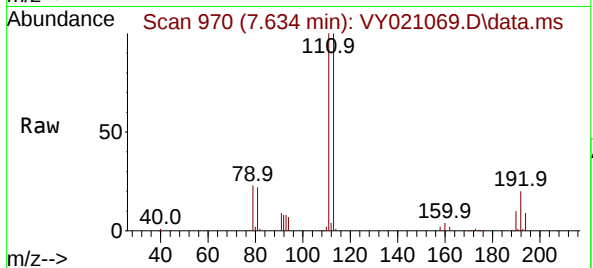
88 14.1 0.0 29.0



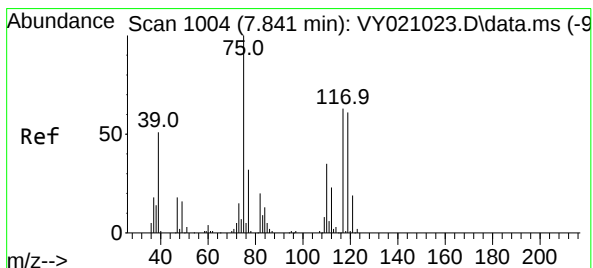
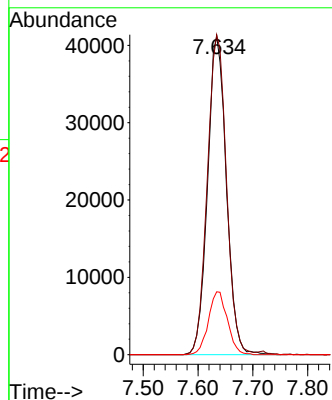
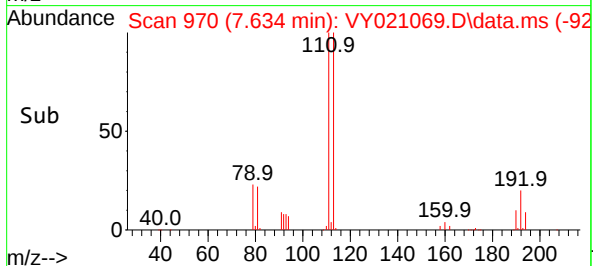


#35
Dibromofluoromethane
Concen: 51.891 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :

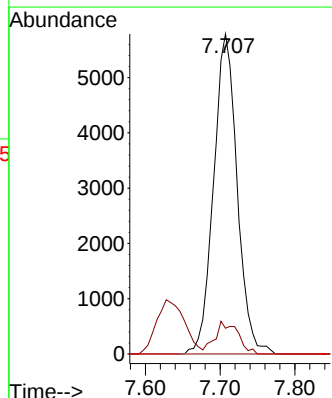
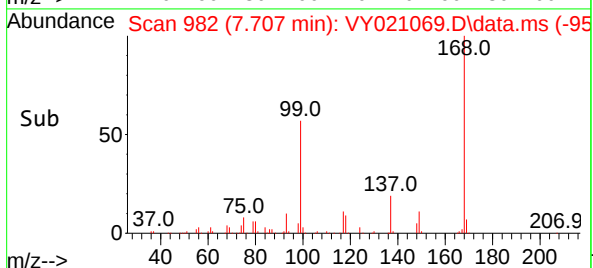
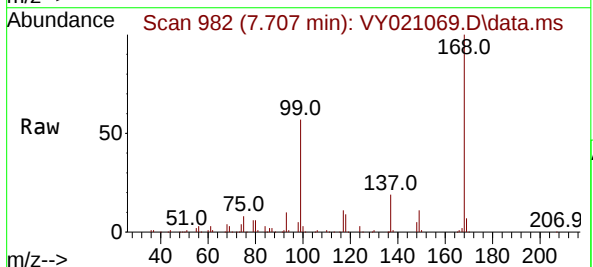


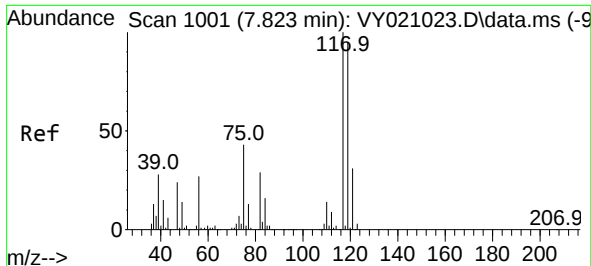
Tgt Ion:113 Resp: 98025
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 19.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.540 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

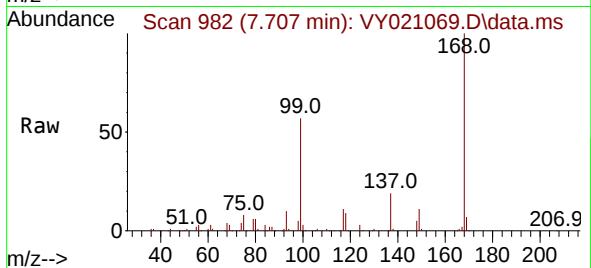
Tgt Ion: 75 Resp: 12704
Ion Ratio Lower Upper
75 100
110 9.8 17.4 52.3#
77 0.0 24.7 37.1#



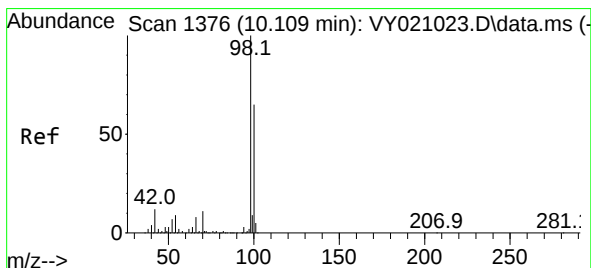
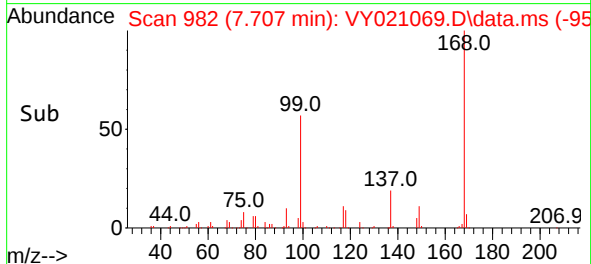
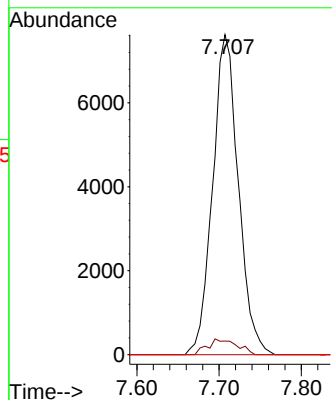


#38
Carbon Tetrachloride
Concen: 5.061 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :

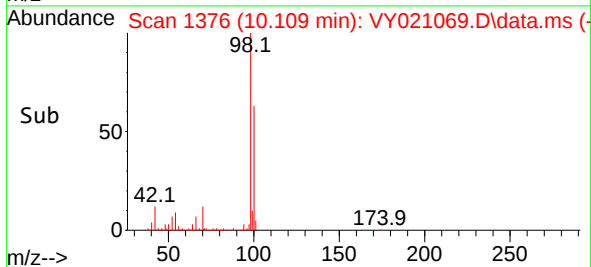
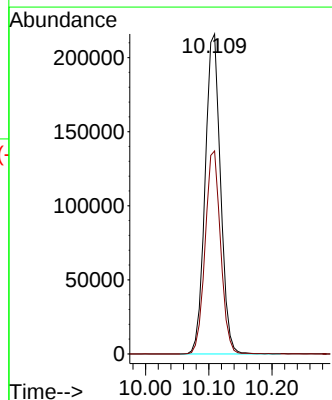
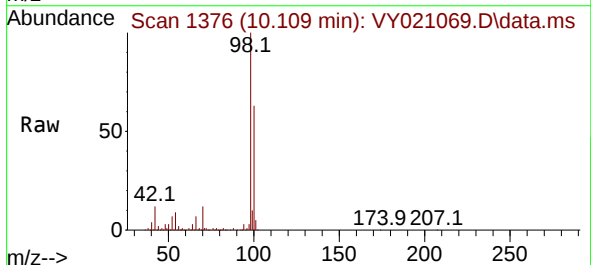


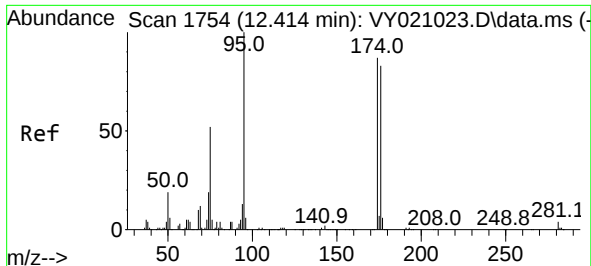
Tgt Ion:117 Resp: 16547
Ion Ratio Lower Upper
117 100
119 4.2 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.859 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

Tgt Ion: 98 Resp: 365766
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5

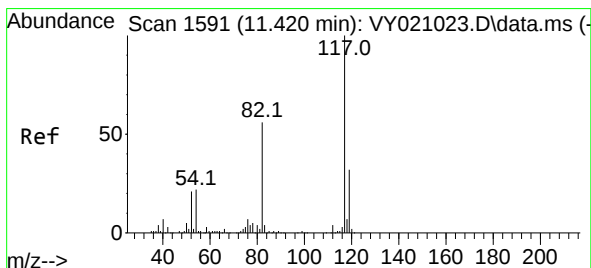
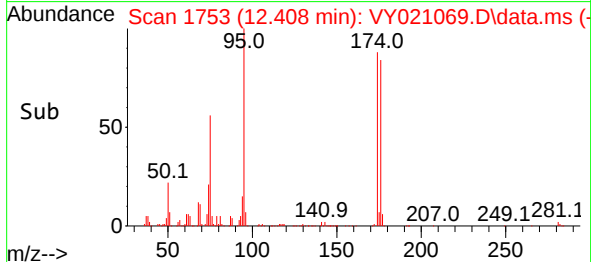
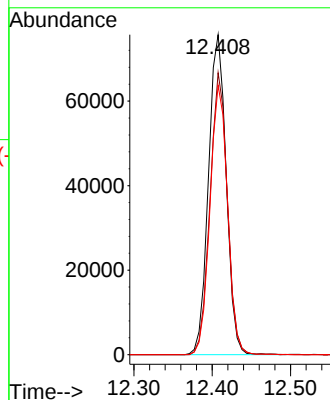
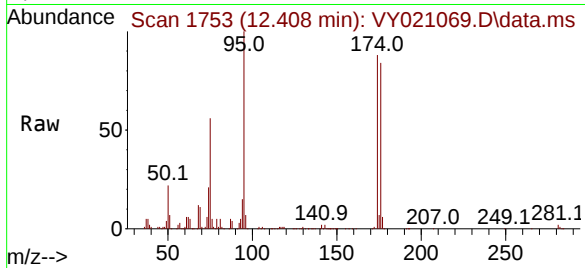




#62
4-Bromofluorobenzene
Concen: 50.552 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

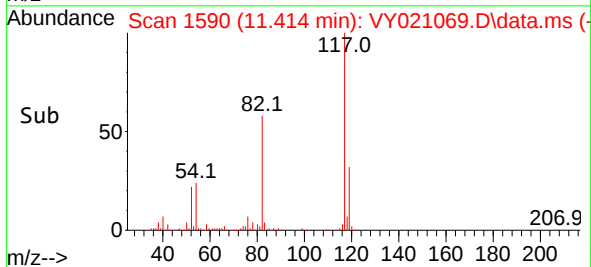
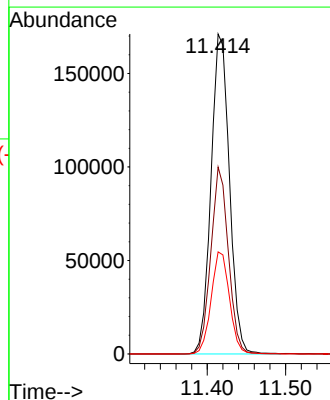
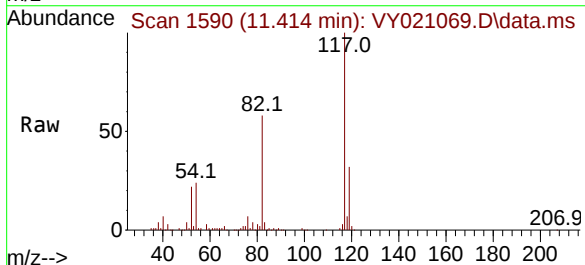
Instrument :
MSVOA_Y
ClientSampleId :

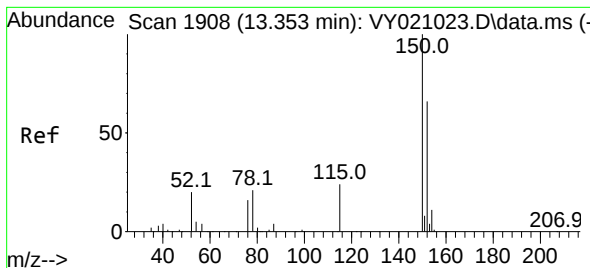
Tgt Ion: 95 Resp: 118774
Ion Ratio Lower Upper
95 100
174 86.7 0.0 160.0
176 83.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

Tgt Ion: 117 Resp: 279226
Ion Ratio Lower Upper
117 100
82 58.4 43.8 65.8
119 31.9 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

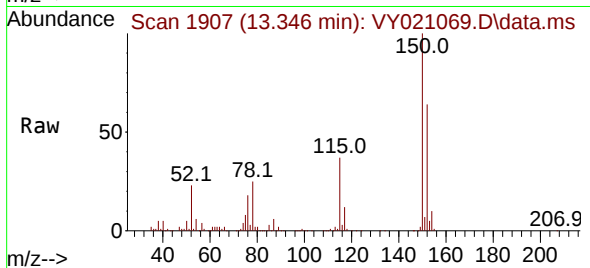
Lab File: VY021069.D

Acq: 04 Feb 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :



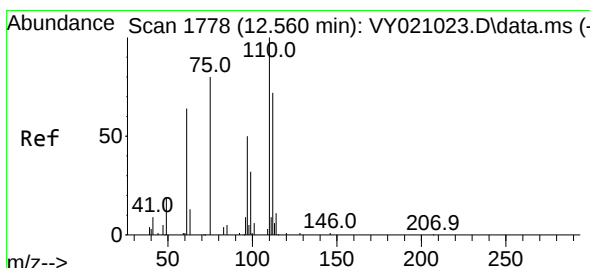
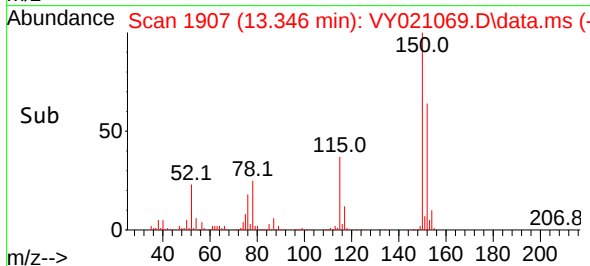
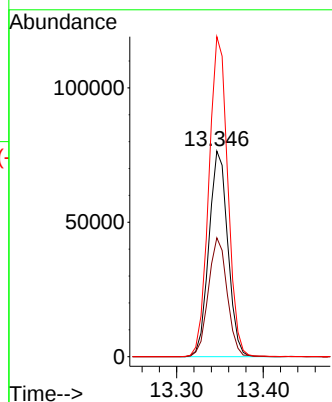
Tgt Ion:152 Resp: 115755

Ion Ratio Lower Upper

152 100

115 57.5 30.0 90.0

150 155.9 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 62.302 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY021069.D

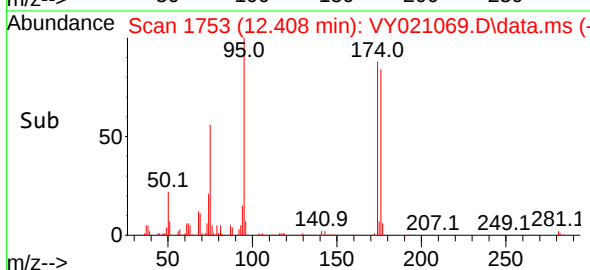
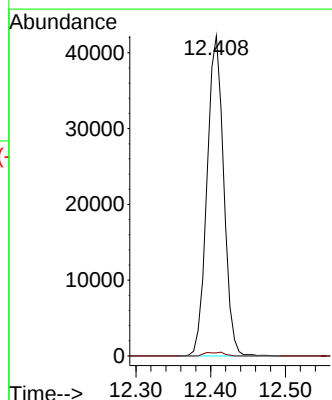
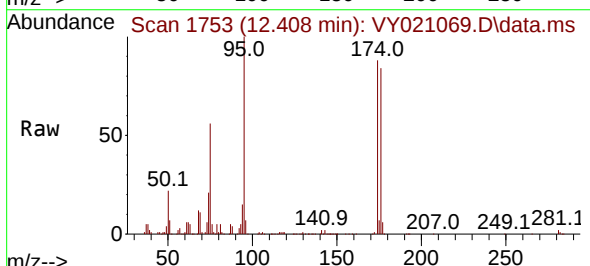
Acq: 04 Feb 2025 19:20

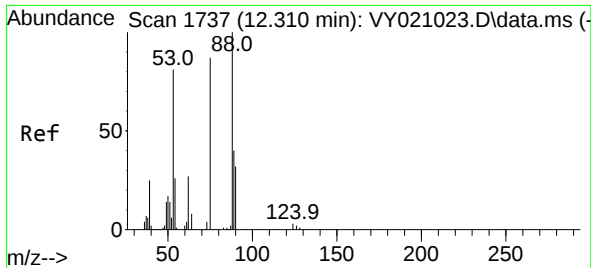
Tgt Ion: 75 Resp: 65420

Ion Ratio Lower Upper

75 100

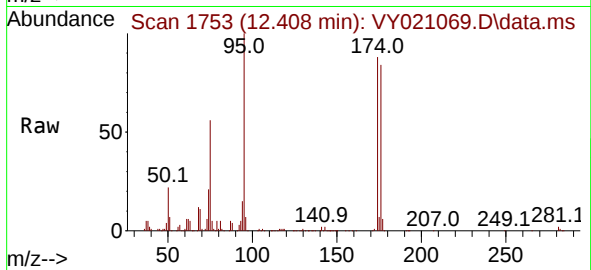
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 127.127 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :



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

