

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021075.D
 Acq On : 05 Feb 2025 09:51
 Operator : SY/MD
 Sample : VY0205SBL01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 06 00:24:55 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)

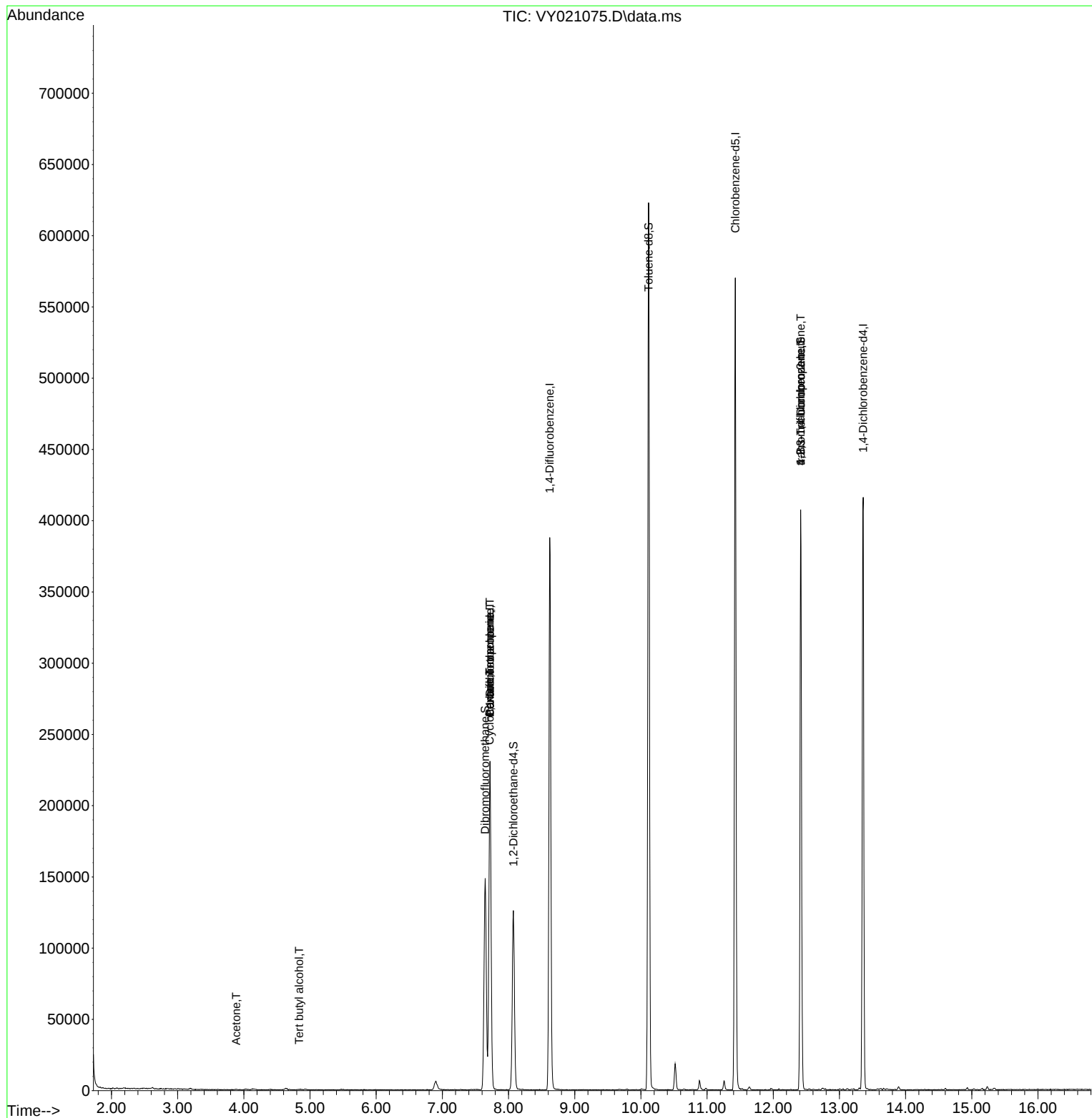
Internal Standards						
1) Pentafluorobenzene	7.719	168	173976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	323562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	290166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	107232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	101161	56.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.500%	
35) Dibromofluoromethane	7.646	113	105621	50.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.880%	
50) Toluene-d8	10.115	98	393322	49.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.640%	
62) 4-Bromofluorobenzene	12.414	95	115413	44.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	321	2.657	ug/l #	75
16) Acetone	3.885	43	575	2.068	ug/l #	41
31) Cyclohexane	7.713	56	3831	1.260	ug/l #	14
36) 1,1-Dichloropropene	7.719	75	14210	4.627	ug/l #	51
38) Carbon Tetrachloride	7.719	117	17845	4.972	ug/l #	17
76) 1,2,3-Trichloropropane	12.414	75	66372	68.233	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	66372	139.228	ug/l #	12

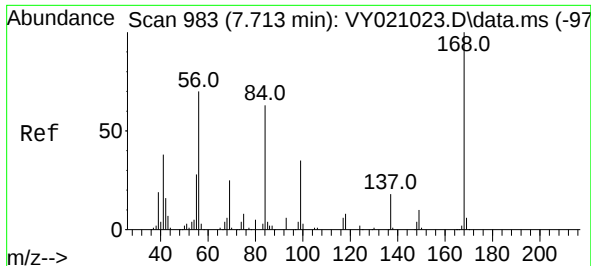
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY020525\
Data File : VY021075.D
Acq On : 05 Feb 2025 09:51
Operator : SY/MD
Sample : VY0205SBL01
Misc : 5.02g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

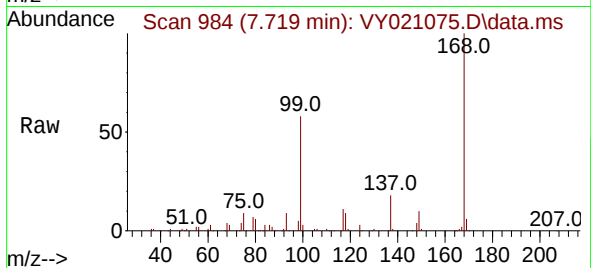
Quant Time: Feb 06 00:24:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



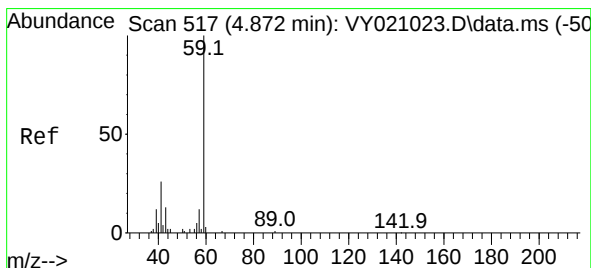
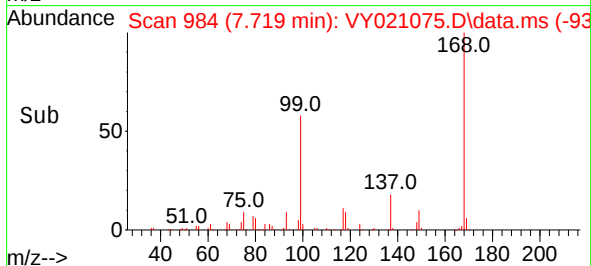
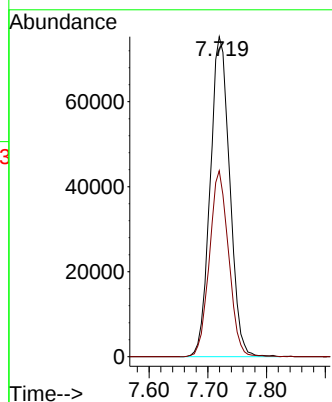


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021075.D
Acq: 05 Feb 2025 09:51

Instrument :
MSVOA_Y
ClientSampleId :

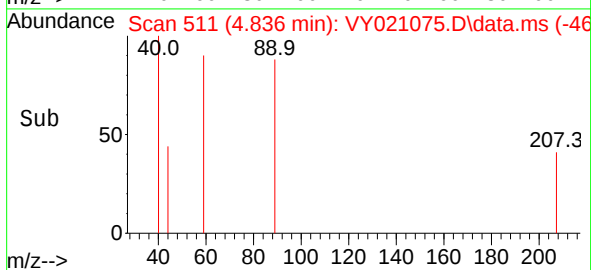
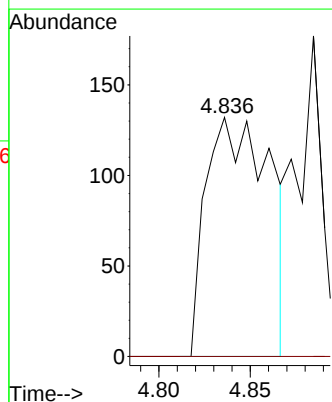
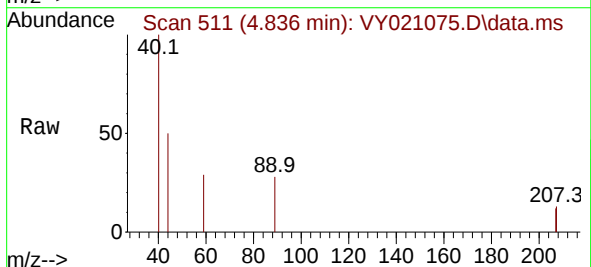


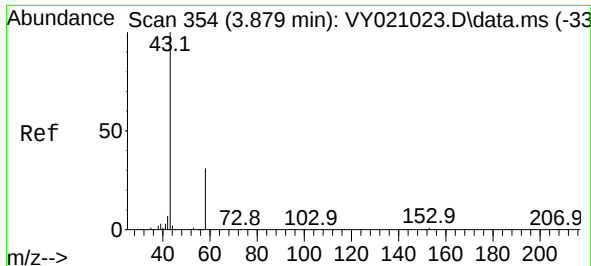
Tgt Ion:168 Resp: 173976
Ion Ratio Lower Upper
168 100
99 58.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 2.657 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.037 min
Lab File: VY021075.D
Acq: 05 Feb 2025 09:51

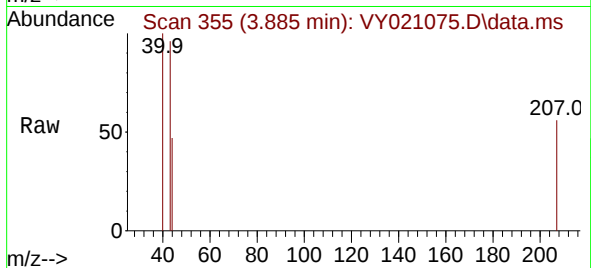
Tgt Ion: 59 Resp: 321
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



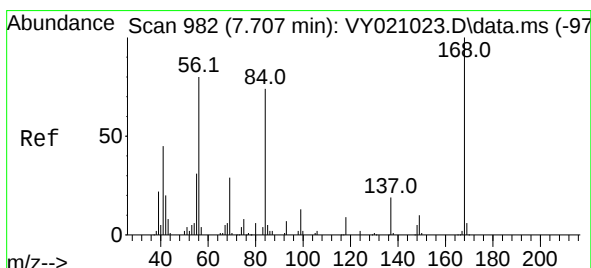
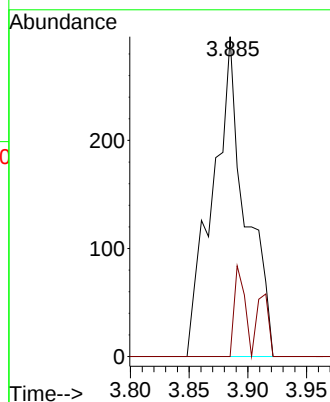
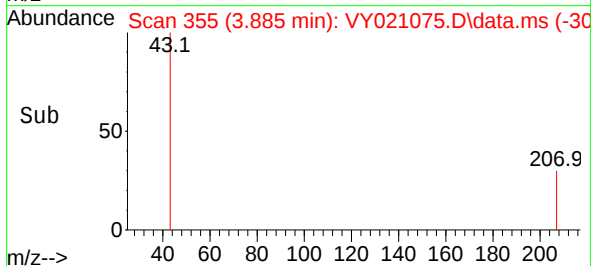


#16
Acetone
Concen: 2.068 ug/l
RT: 3.885 min Scan# 30
Delta R.T. 0.006 min
Lab File: VY021075.D
Acq: 05 Feb 2025 09:51

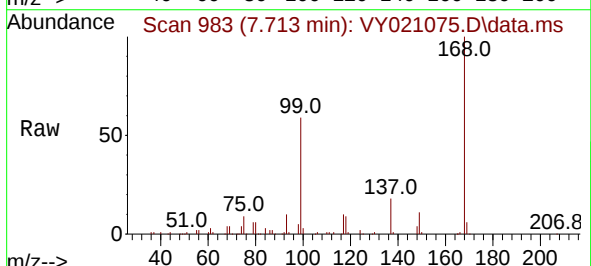
Instrument :
MSVOA_Y
ClientSampleId :



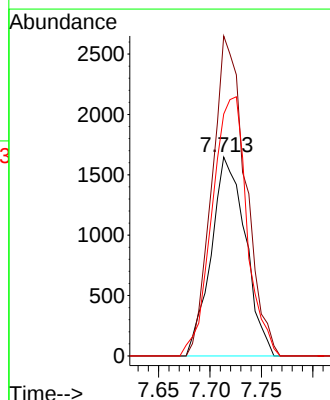
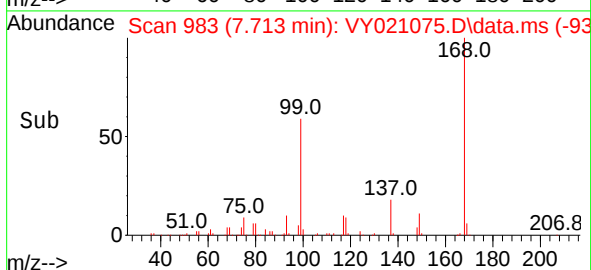
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#

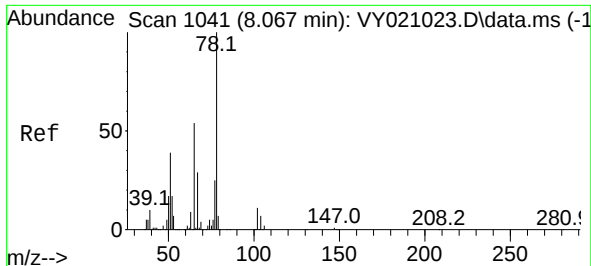


#31
Cyclohexane
Concen: 1.260 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021075.D
Acq: 05 Feb 2025 09:51



Tgt Ion: 56 Resp: 3831
Ion Ratio Lower Upper
56 100
69 160.9 27.0 40.6#
84 121.6 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 56.752 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

Instrument :

MSVOA_Y

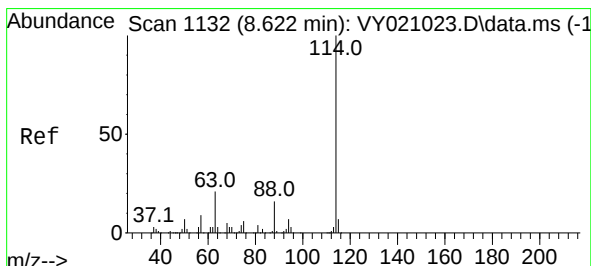
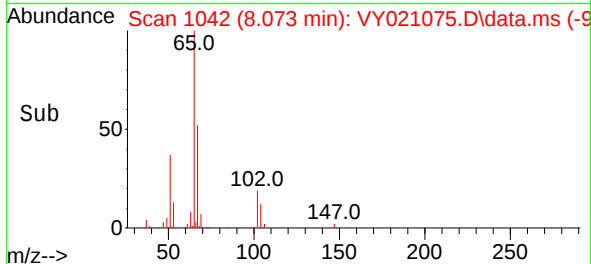
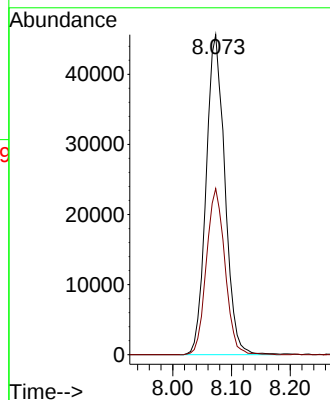
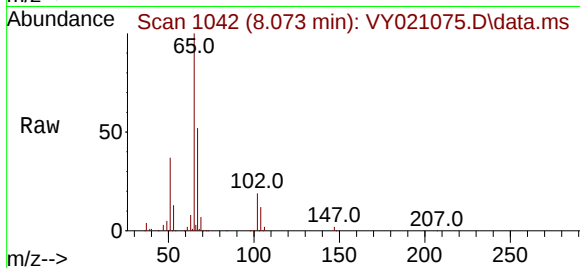
ClientSampleId :

Tgt Ion: 65 Resp: 101161

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

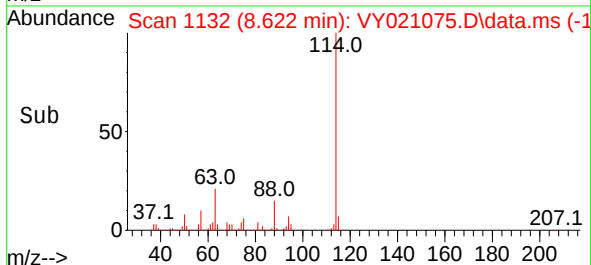
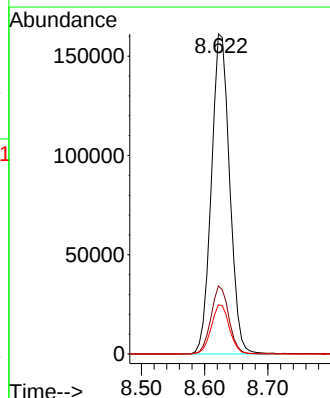
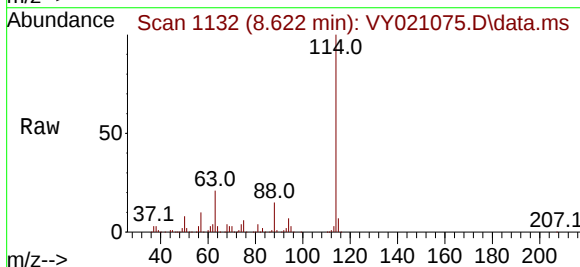
Tgt Ion:114 Resp: 323562

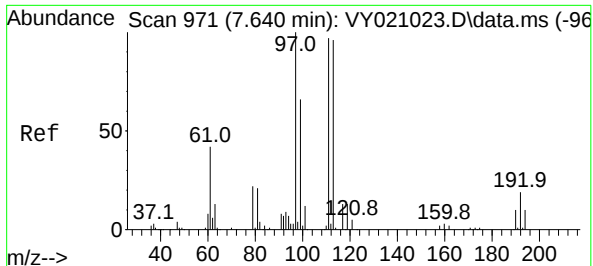
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.936 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.006 min

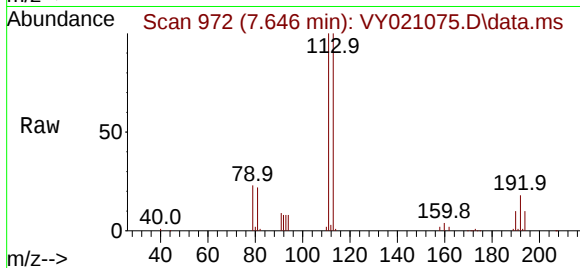
Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :



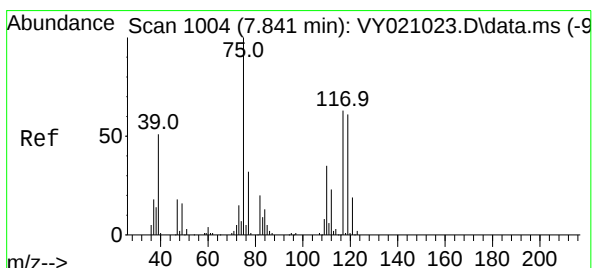
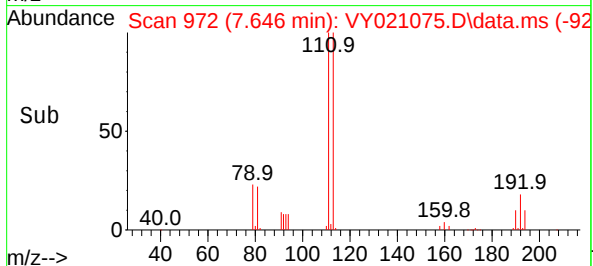
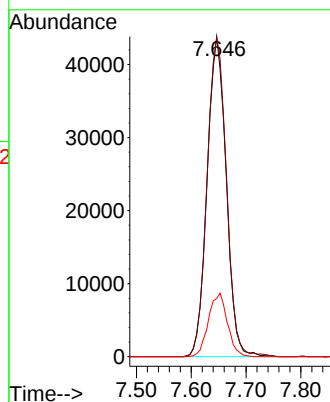
Tgt Ion:113 Resp: 105621

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 19.7 14.5 21.7



#36

1,1-Dichloropropene

Concen: 4.627 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.122 min

Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

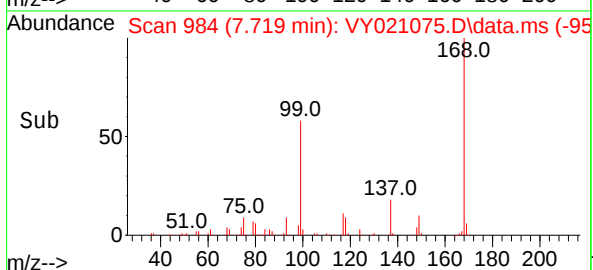
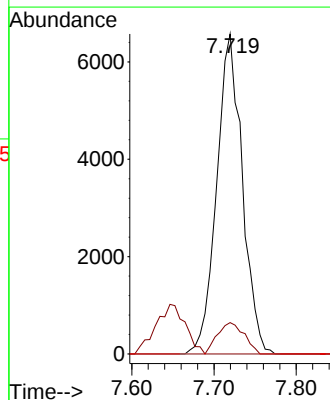
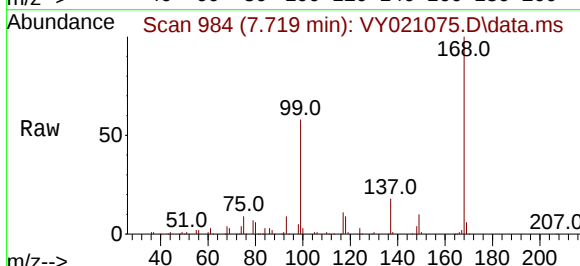
Tgt Ion: 75 Resp: 14210

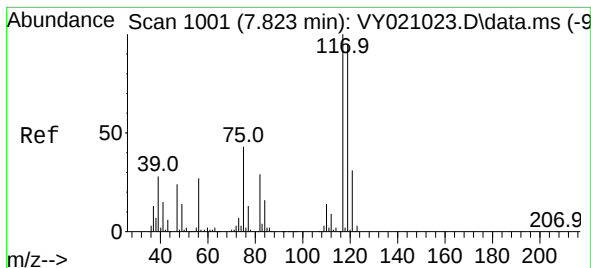
Ion Ratio Lower Upper

75 100

110 10.2 17.4 52.3#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.972 ug/l

RT: 7.719 min Scan# 91

Delta R.T. -0.104 min

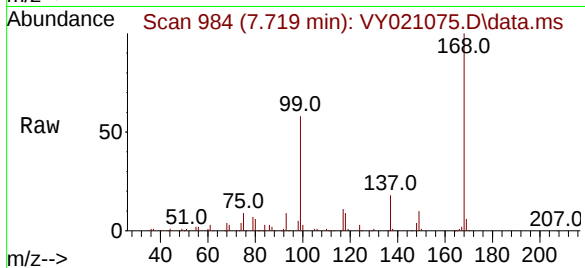
Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :



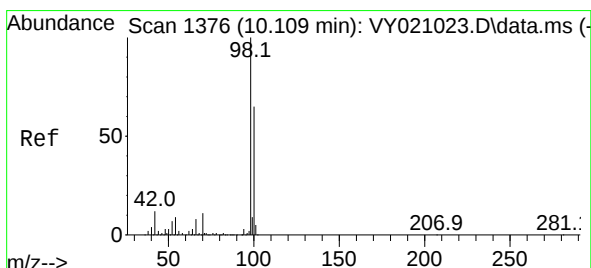
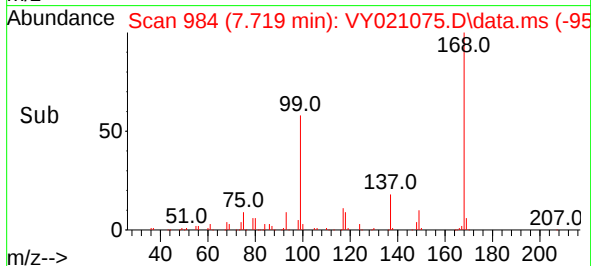
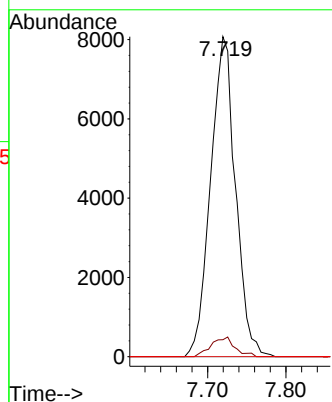
Tgt Ion:117 Resp: 17845

Ion Ratio Lower Upper

117 100

119 5.3 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.823 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021075.D

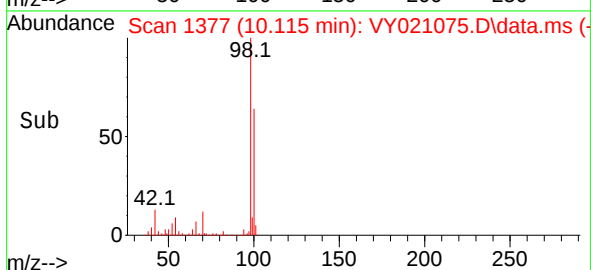
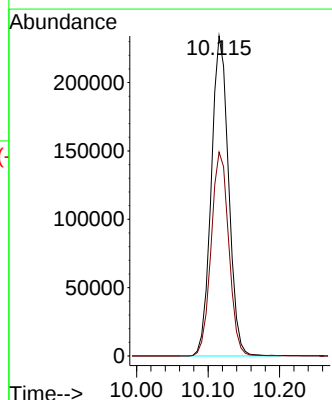
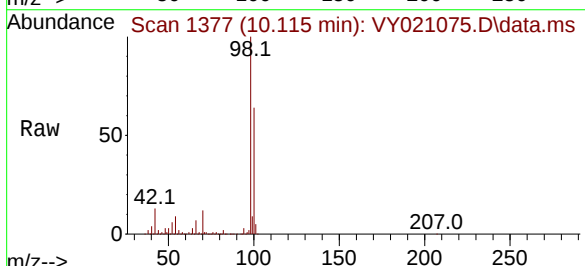
Acq: 05 Feb 2025 09:51

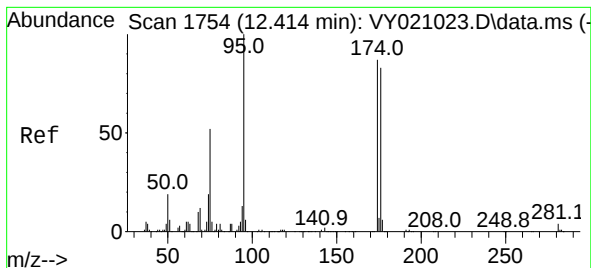
Tgt Ion: 98 Resp: 393322

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5

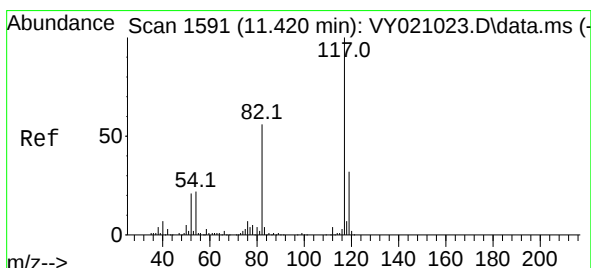
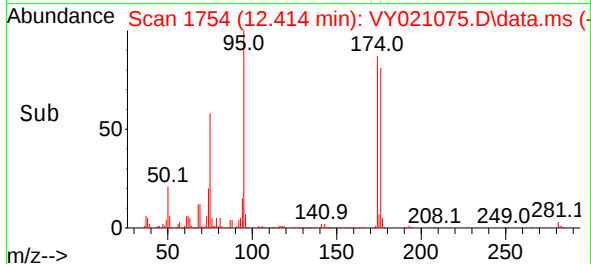
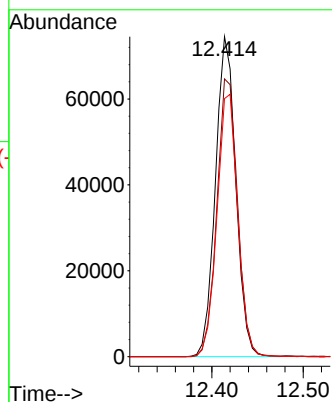
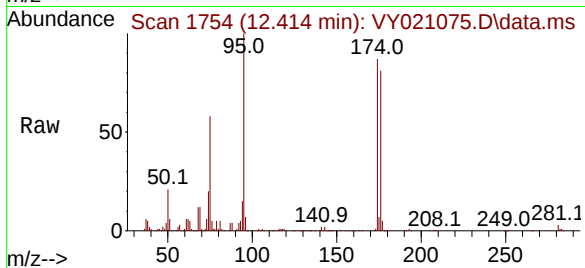




#62
4-Bromofluorobenzene
Concen: 44.750 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021075.D
Acq: 05 Feb 2025 09:51

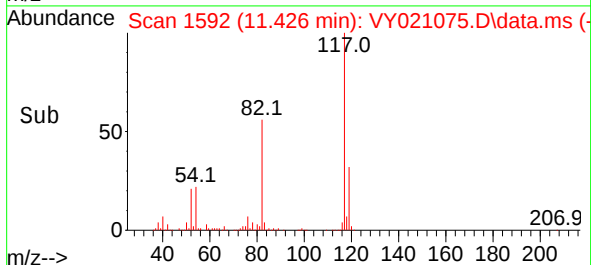
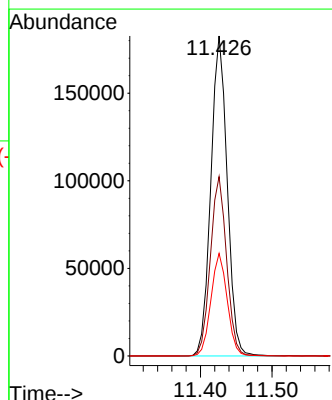
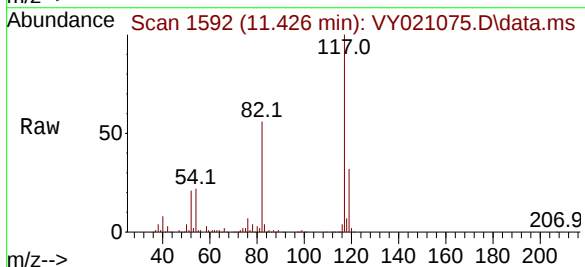
Instrument :
MSVOA_Y
ClientSampleId :

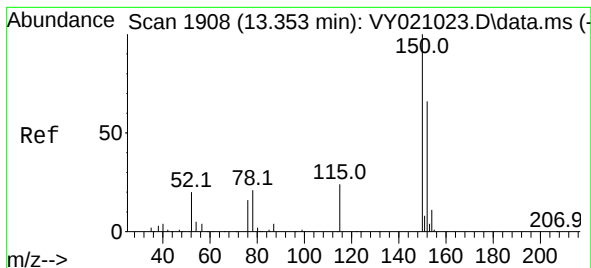
Tgt Ion: 95 Resp: 115413
Ion Ratio Lower Upper
95 100
174 88.4 0.0 160.0
176 84.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021075.D
Acq: 05 Feb 2025 09:51

Tgt Ion: 117 Resp: 290166
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 32.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

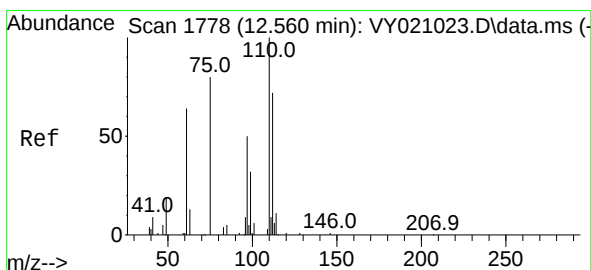
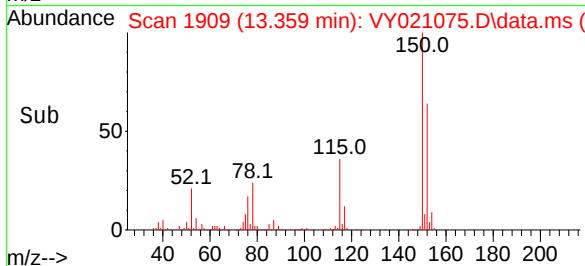
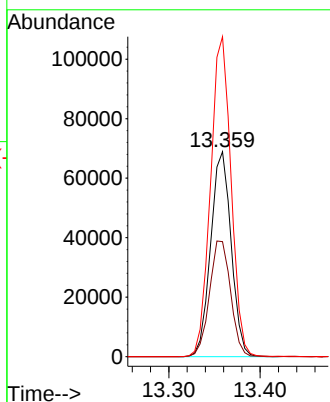
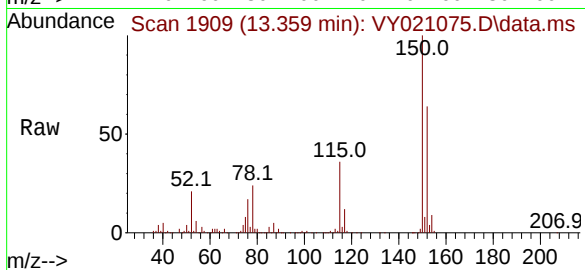
Tgt Ion:152 Resp: 107232

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 156.2 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 68.233 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY021075.D

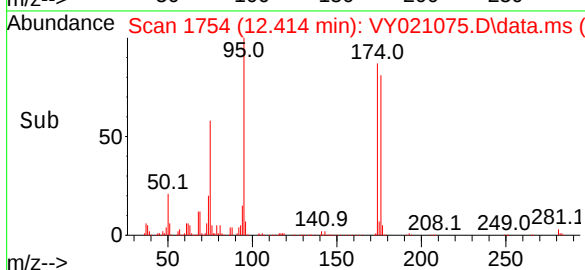
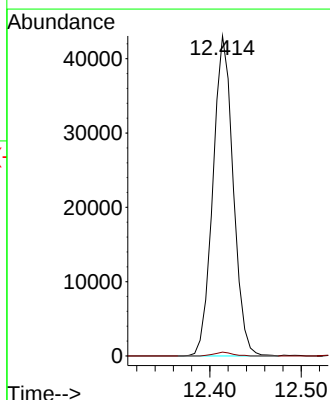
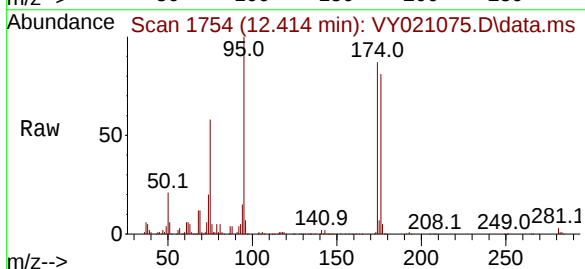
Acq: 05 Feb 2025 09:51

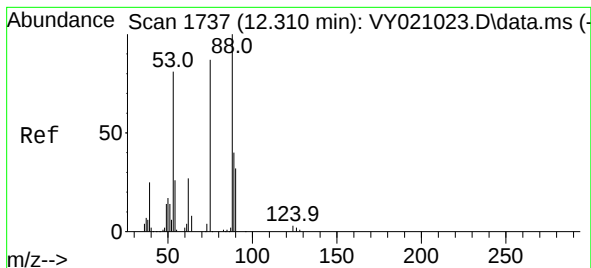
Tgt Ion: 75 Resp: 66372

Ion Ratio Lower Upper

75 100

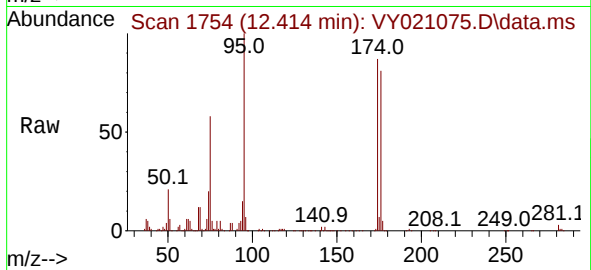
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.228 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021075.D
 Acq: 05 Feb 2025 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 66372
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

