

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021444.D
 Acq On : 06 Mar 2025 18:56
 Operator : SY/MD
 Sample : Q1463-06
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T6

Quant Time: Mar 07 00:42:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

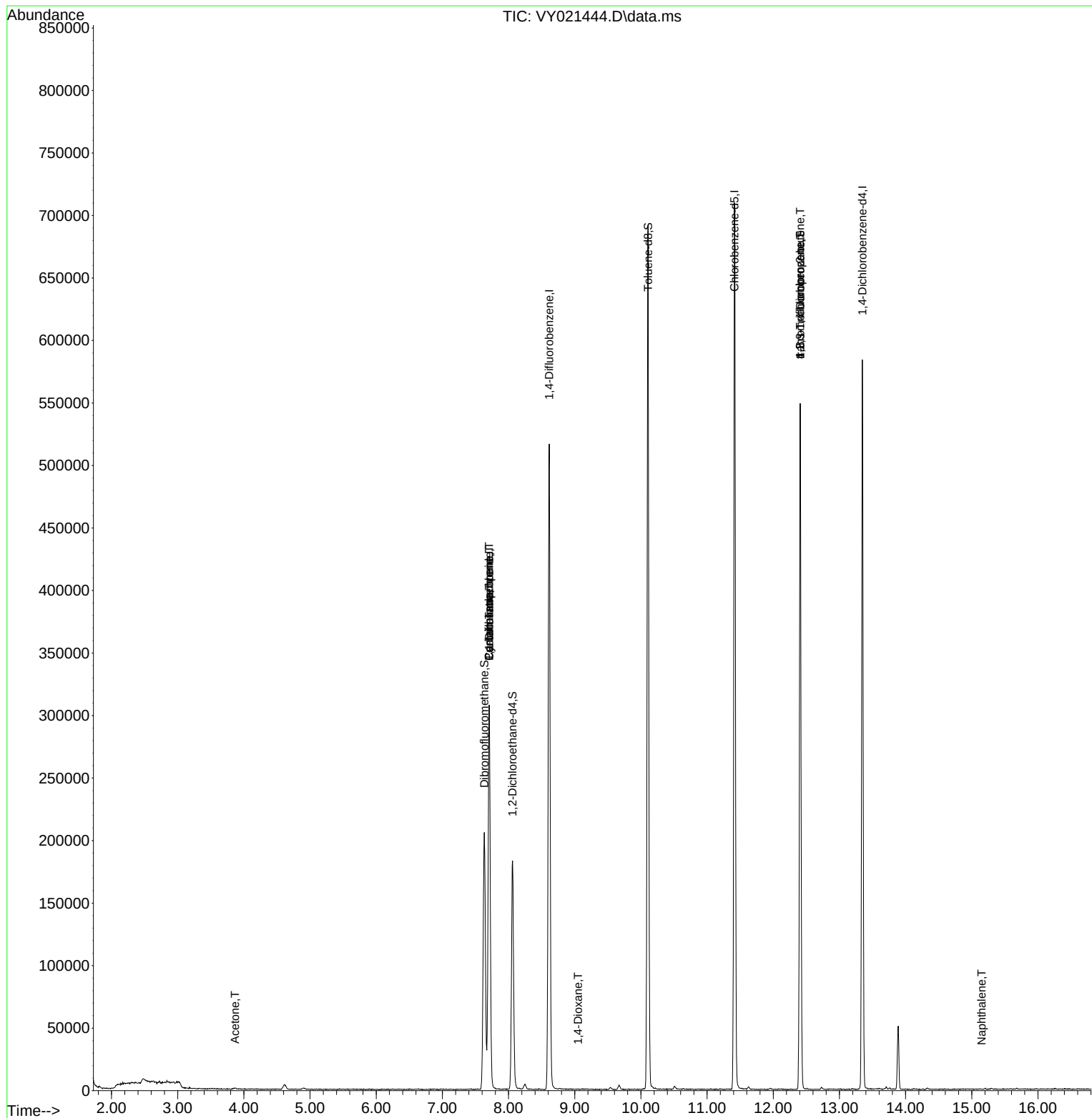
Internal Standards						
1) Pentafluorobenzene	7.707	168	224114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	420682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	363546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	137758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	143059	60.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.780%	
35) Dibromofluoromethane	7.634	113	142620	51.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.160%	
50) Toluene-d8	10.109	98	439828	42.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.020%	
62) 4-Bromofluorobenzene	12.407	95	150442	42.242	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.480%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	920	1.781	ug/l #	72
31) Cyclohexane	7.707	56	5414	1.220	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	19516	4.509	ug/l #	50
38) Carbon Tetrachloride	7.707	117	24320	4.885	ug/l #	17
49) 1,4-Dioxane	9.048	88	20	1.207	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	82989	59.783	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	82989	135.906	ug/l #	9
95) Naphthalene	15.151	128	105	1.477	ug/l #	69

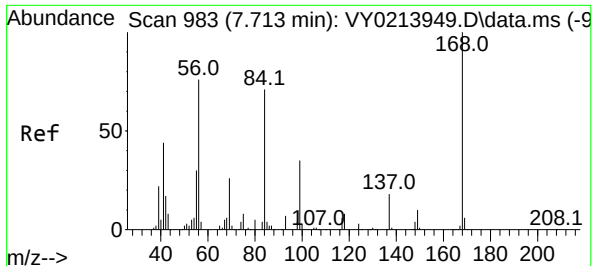
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
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Quant Title : SW846 8260
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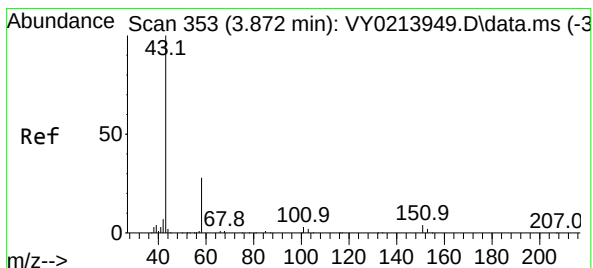
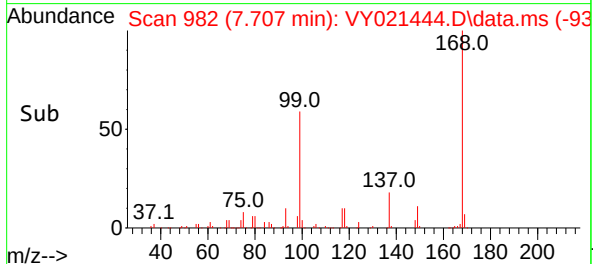
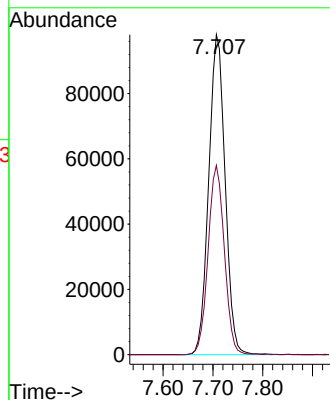
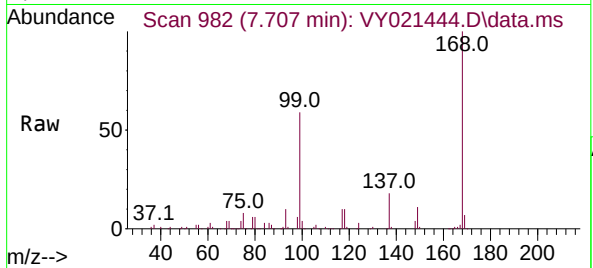




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

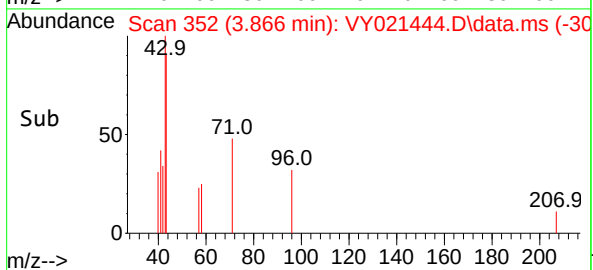
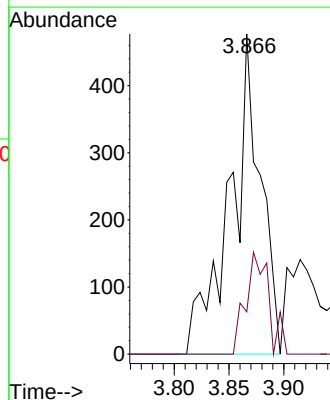
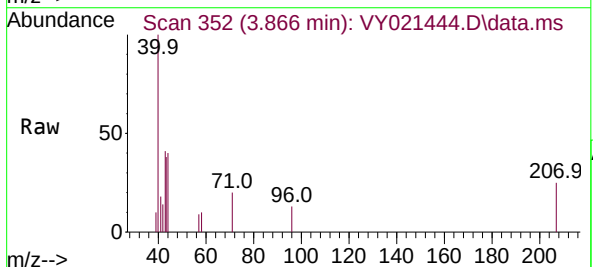
Instrument :
MSVOA_Y
ClientSampleId :
T6

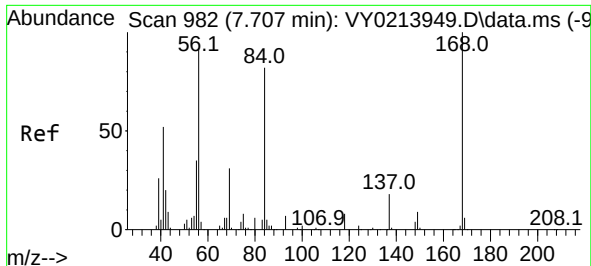
Tgt Ion:168 Resp: 224114
Ion Ratio Lower Upper
168 100
99 59.2 46.0 69.0



#16
Acetone
Concen: 1.781 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Tgt Ion: 43 Resp: 920
Ion Ratio Lower Upper
43 100
58 13.2 22.1 33.1#

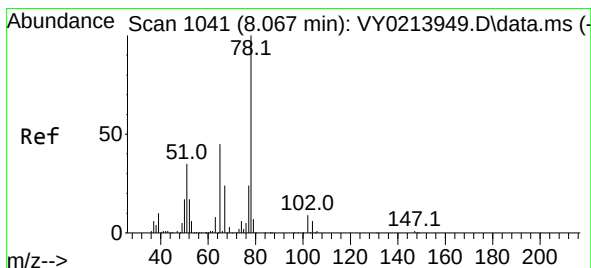
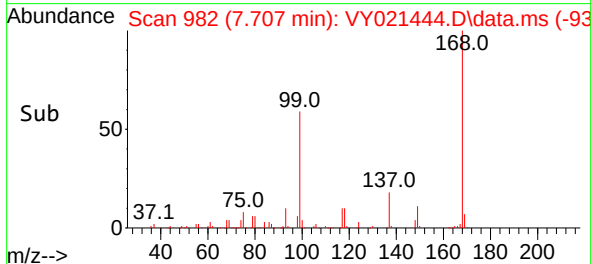
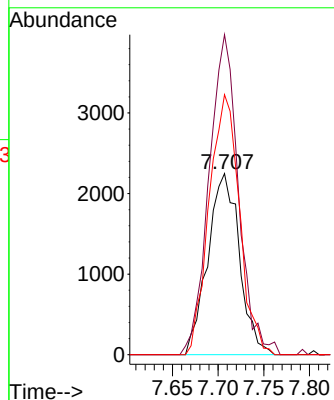
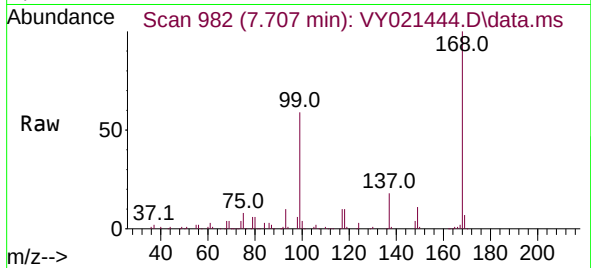




#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

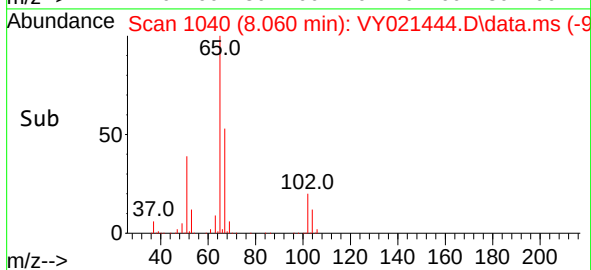
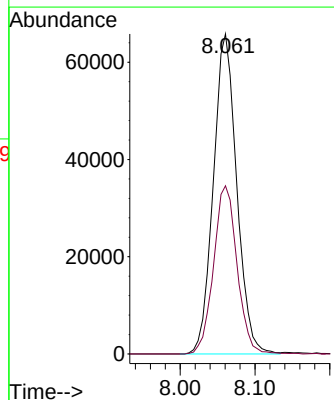
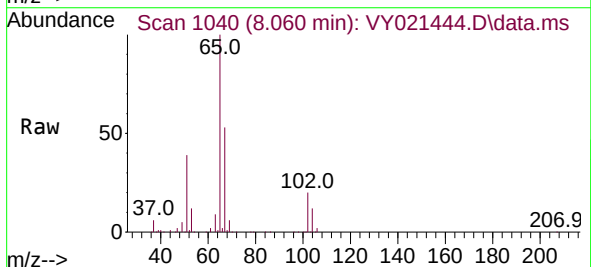
Instrument :
MSVOA_Y
ClientSampleId :
T6

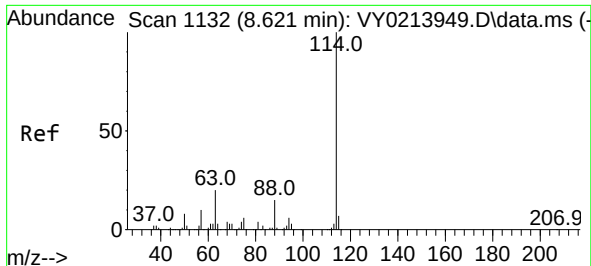
Tgt Ion: 56 Resp: 5414
Ion Ratio Lower Upper
56 100
69 176.6 27.0 40.4#
84 143.5 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 60.394 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Tgt Ion: 65 Resp: 143059
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.8

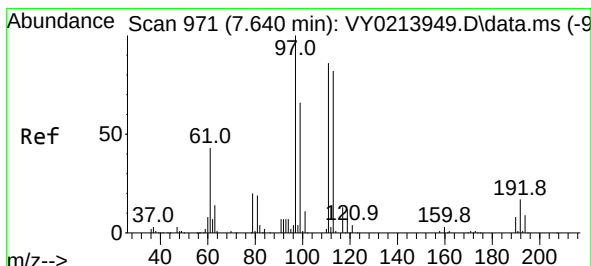
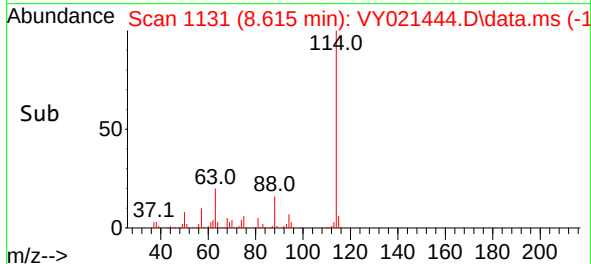
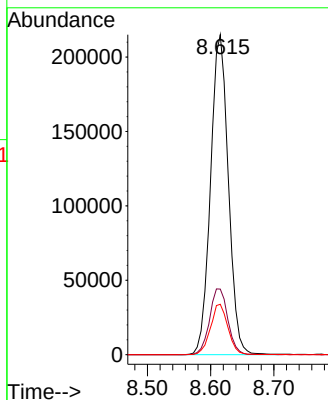
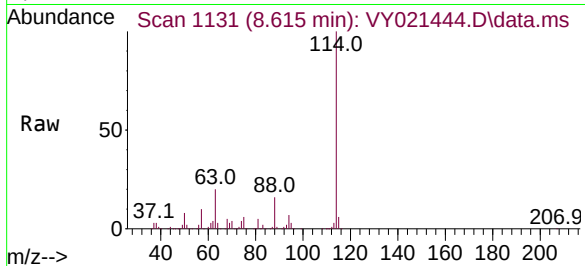




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

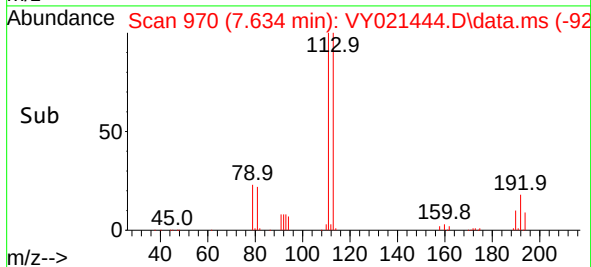
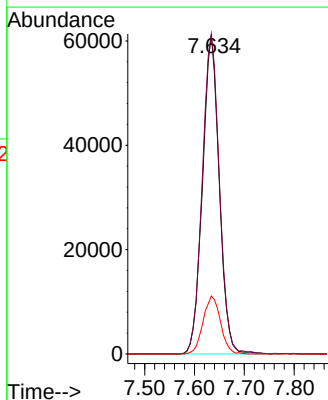
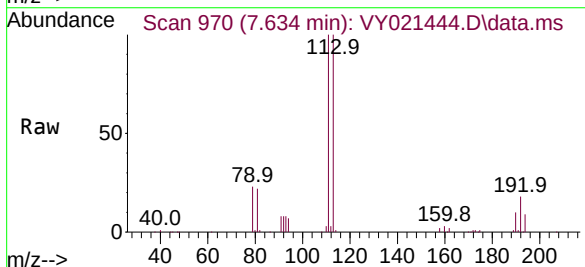
Instrument :
MSVOA_Y
ClientSampleId :
T6

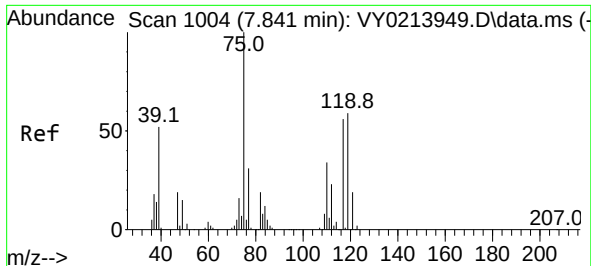
Tgt Ion:114	Resp: 420682
Ion Ratio	Lower Upper
114 100	
63 20.5	0.0 40.8
88 15.7	0.0 30.8



#35
Dibromofluoromethane
Concen: 51.577 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Tgt Ion:113	Resp: 142620
Ion Ratio	Lower Upper
113 100	
111 102.4	82.0 123.0
192 18.8	15.9 23.9

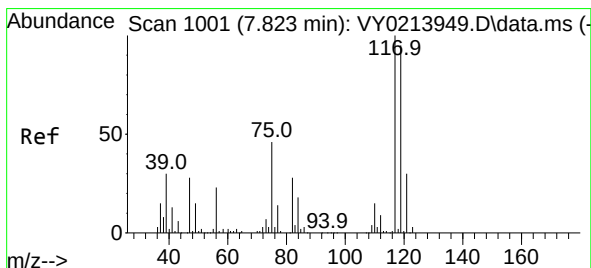
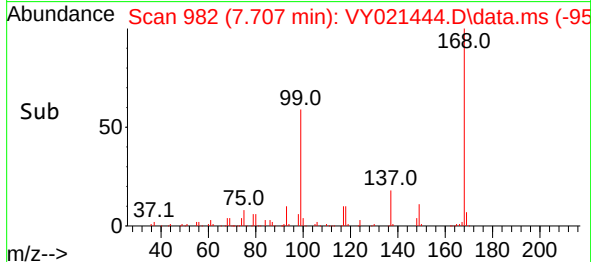
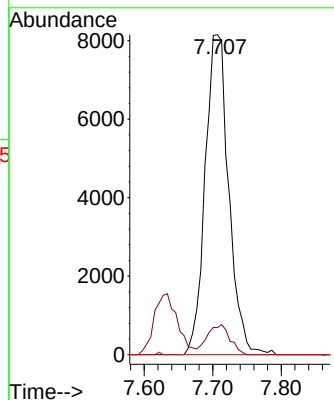
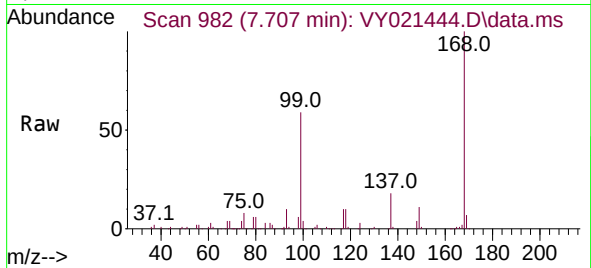




#36
1,1-Dichloropropene
Concen: 4.509 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

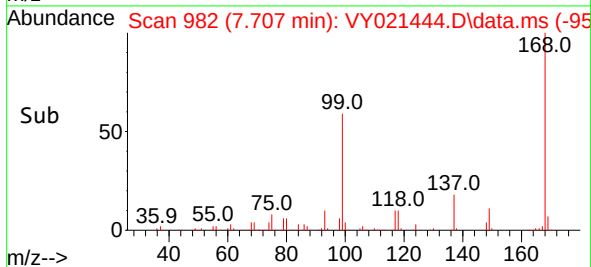
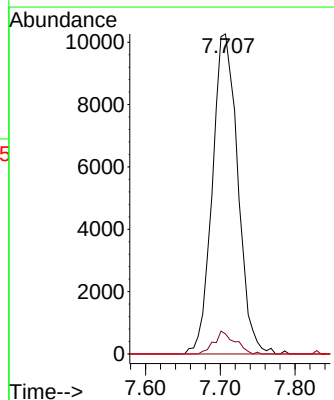
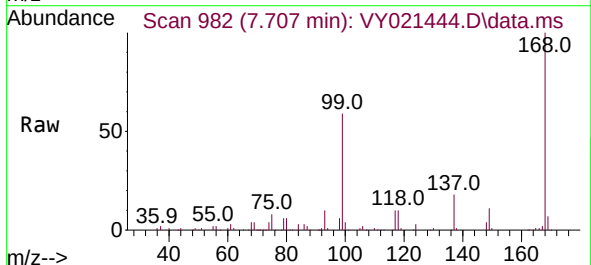
Instrument :
MSVOA_Y
ClientSampleId :
T6

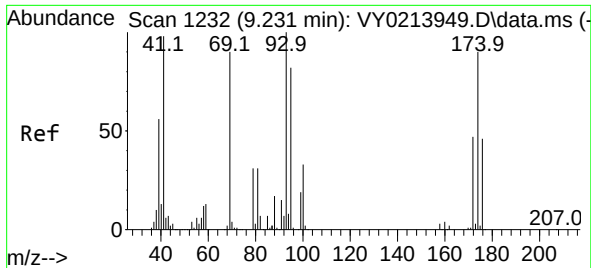
Tgt Ion: 75 Resp: 19516
Ion Ratio Lower Upper
75 100
110 9.0 17.3 51.7#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.885 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Tgt Ion: 117 Resp: 24320
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 23.9 35.9#





#49

1,4-Dioxane

Concen: 1.207 ug/l

RT: 9.048 min Scan# 11

Delta R.T. -0.183 min

Lab File: VY021444.D

Acq: 06 Mar 2025 18:56

Instrument :

MSVOA_Y

ClientSampleId :

T6

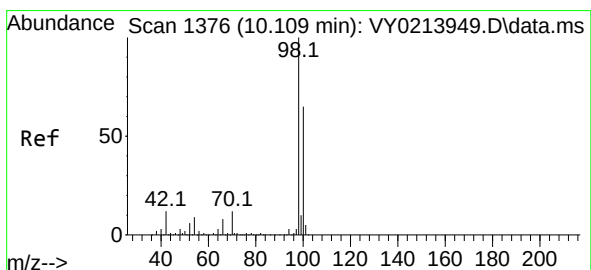
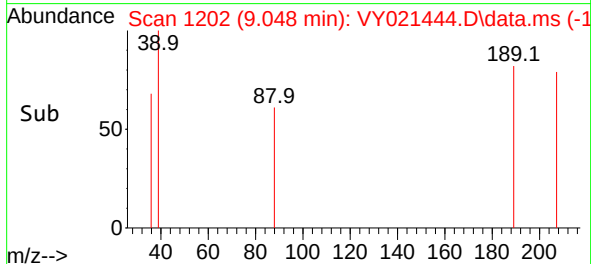
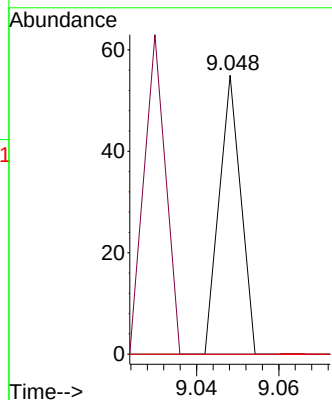
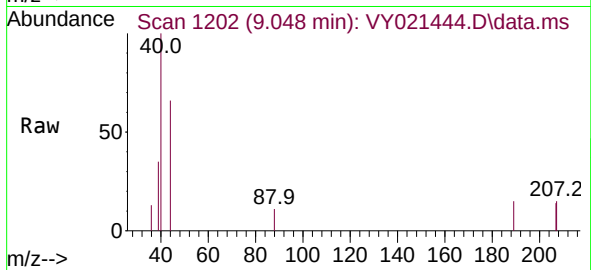
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 115.0 25.0 37.4#

58 0.0 58.4 87.6#



#50

Toluene-d8

Concen: 42.009 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021444.D

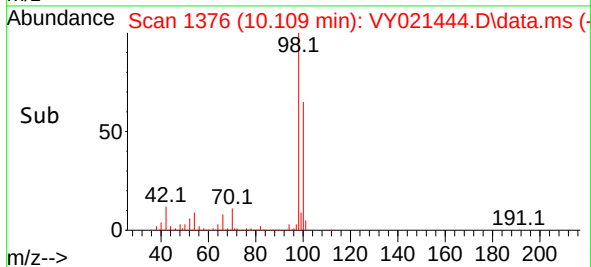
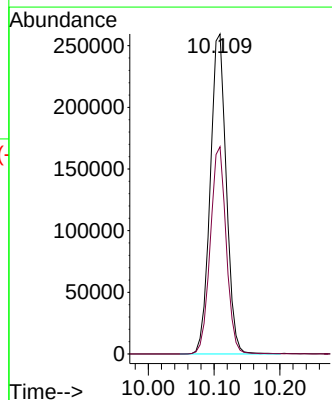
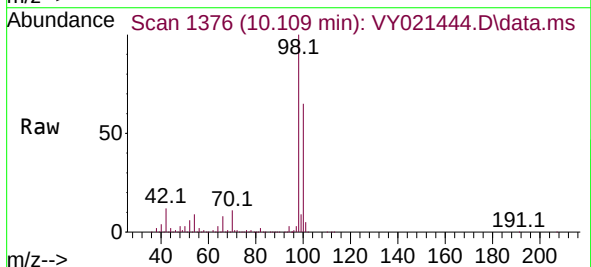
Acq: 06 Mar 2025 18:56

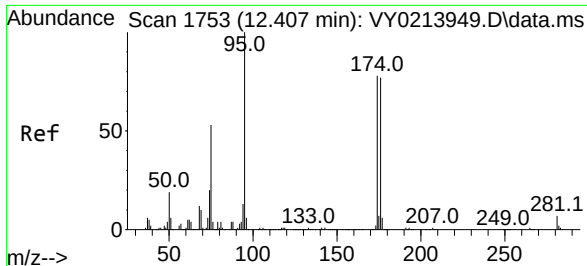
Tgt Ion: 98 Resp: 439828

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 42.242 ug/l

RT: 12.407 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021444.D

Acq: 06 Mar 2025 18:56

Instrument :

MSVOA_Y

ClientSampleId :

T6

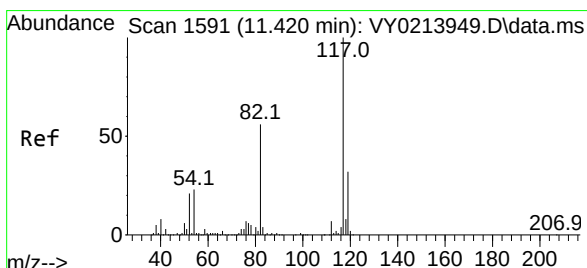
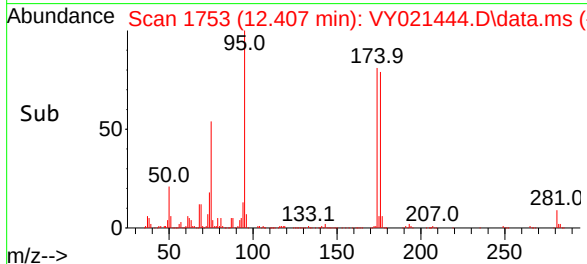
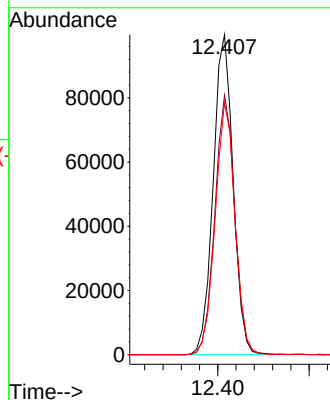
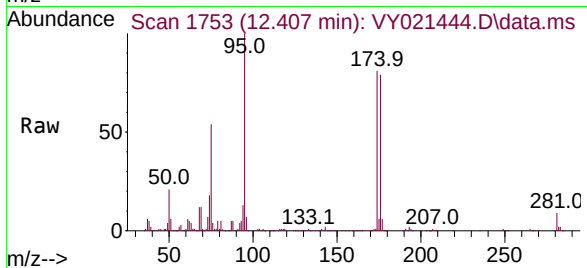
Tgt Ion: 95 Resp: 150442

Ion Ratio Lower Upper

95 100

174 81.4 0.0 165.0

176 78.6 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021444.D

Acq: 06 Mar 2025 18:56

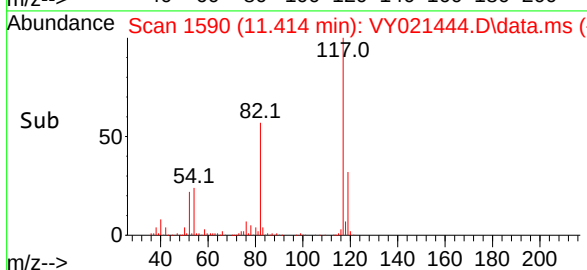
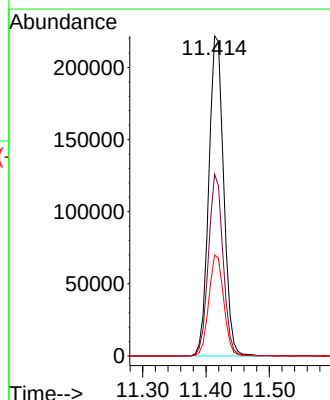
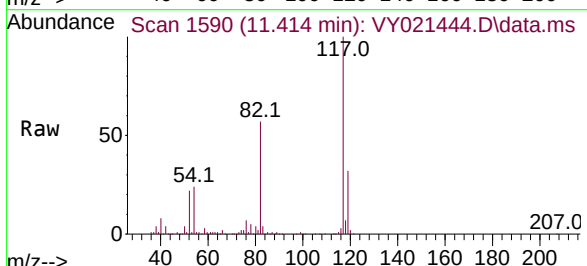
Tgt Ion: 117 Resp: 363546

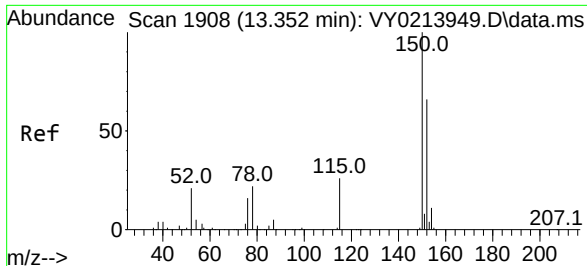
Ion Ratio Lower Upper

117 100

82 56.8 44.6 67.0

119 31.5 25.4 38.0

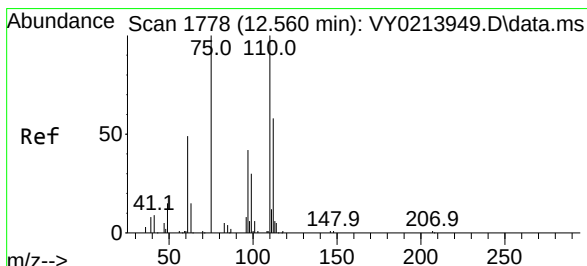
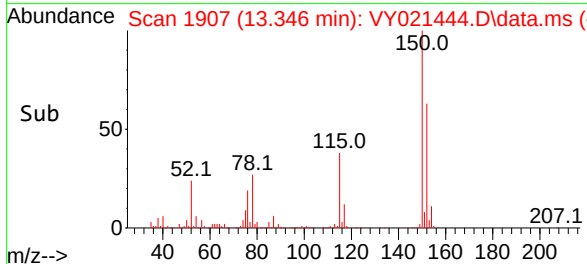
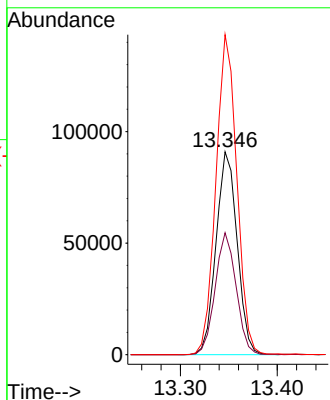
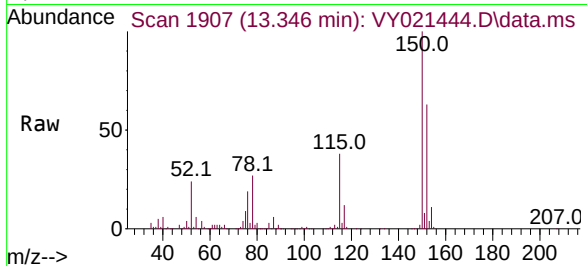




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY021444.D
 Acq: 06 Mar 2025 18:56

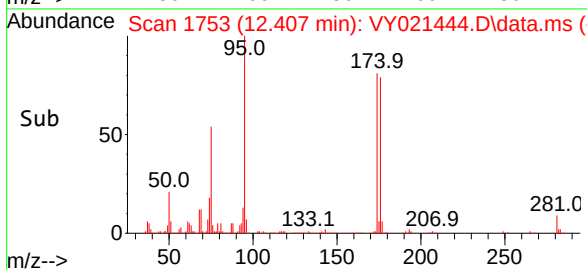
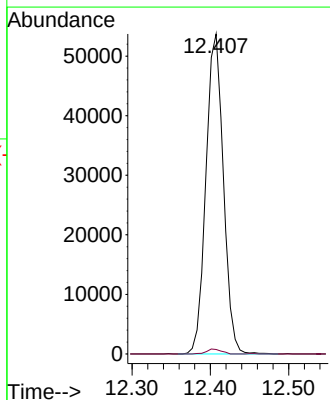
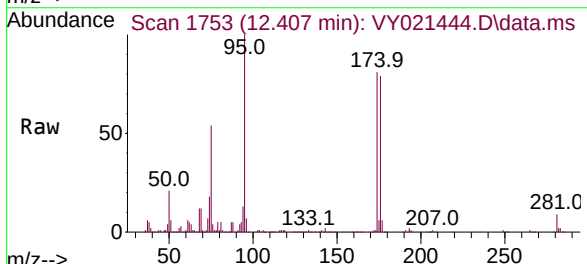
Instrument :
 MSVOA_Y
 ClientSampleId :
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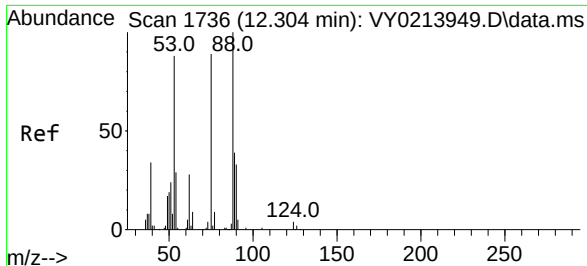
Tgt Ion:152 Resp: 137758
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.0 87.0
 150 156.4 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 59.783 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY021444.D
 Acq: 06 Mar 2025 18:56

Tgt Ion: 75 Resp: 82989
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

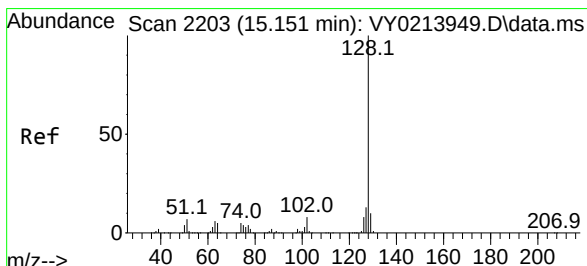
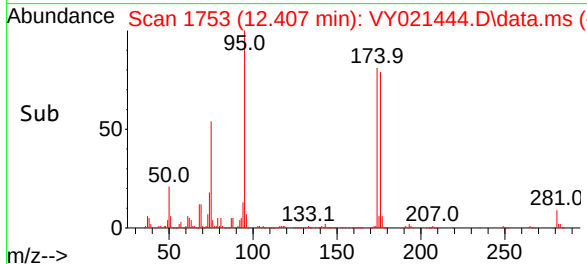
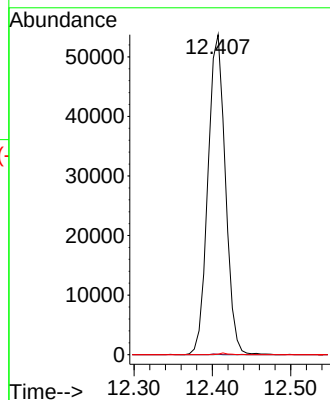
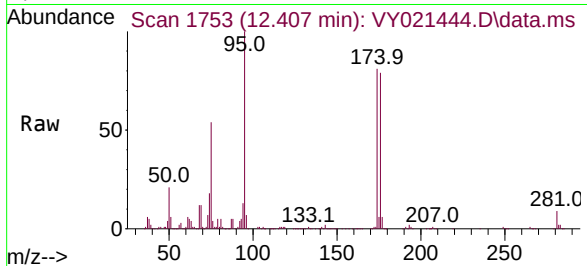




#81
trans-1,4-Dichloro-2-butene
Concen: 135.906 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Instrument :
MSVOA_Y
ClientSampleId :
T6

Tgt Ion: 75 Resp: 82989
Ion Ratio Lower Upper
75 100
53 0.1 81.0 121.4#
89 0.3 36.9 55.3#



#95
Naphthalene
Concen: 1.477 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Tgt Ion: 128 Resp: 105
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

