

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
 Data File : VY021227.D
 Acq On : 18 Feb 2025 10:55
 Operator : SY/MD
 Sample : VY0218SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 19 04:12:34 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)

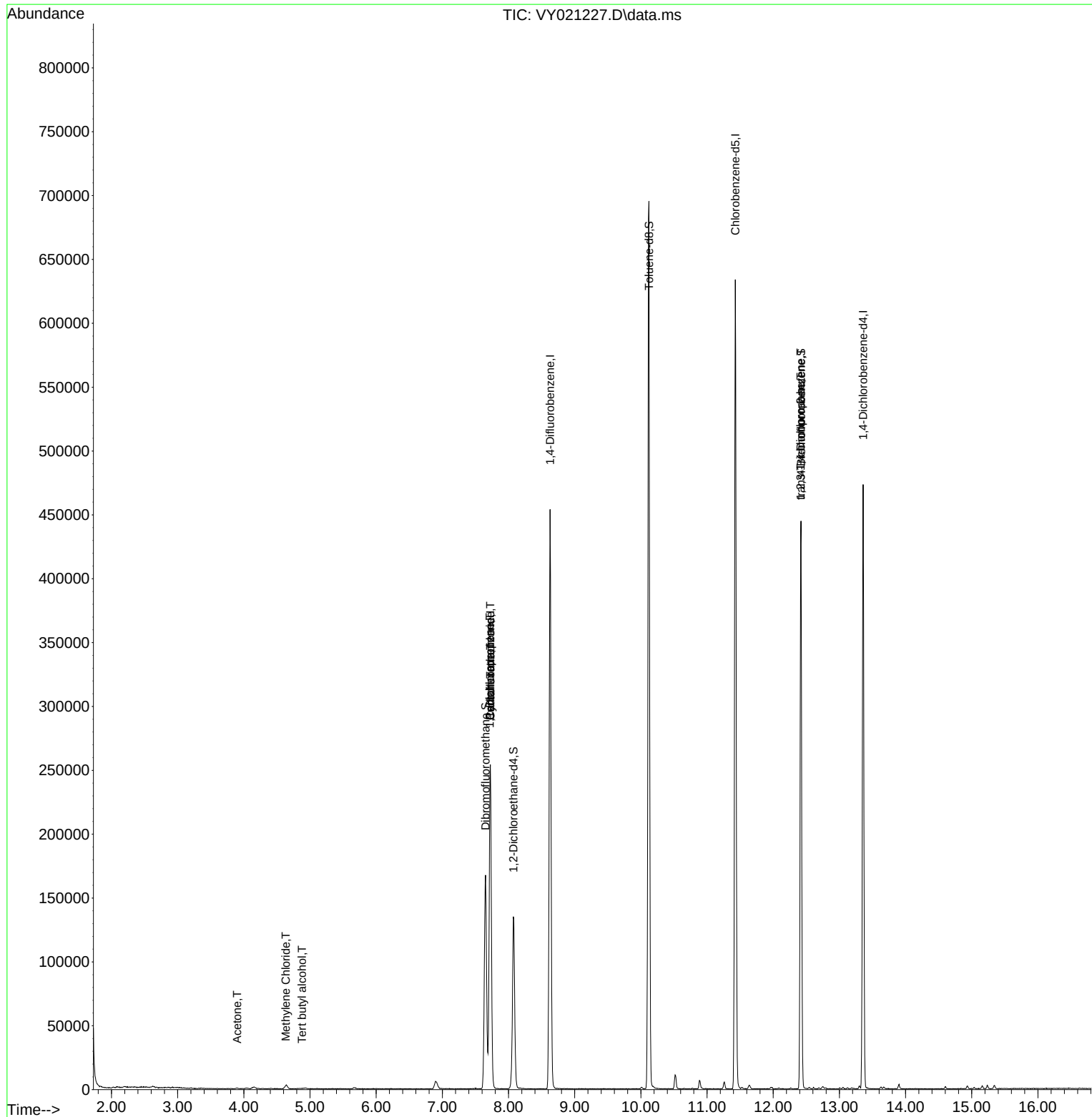
Internal Standards						
1) Pentafluorobenzene	7.725	168	194901	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	363560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	324815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	116914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105659	52.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.820%	
35) Dibromofluoromethane	7.652	113	115474	49.561	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.120%	
50) Toluene-d8	10.121	98	446850	50.376	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.420	95	132746	45.808	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	817	6.037	ug/l #	75
16) Acetone	3.897	43	847	2.720	ug/l	91
20) Methylene Chloride	4.634	84	2085	1.077	ug/l #	88
31) Cyclohexane	7.725	56	4316	1.267	ug/l #	7
36) 1,1-Dichloropropene	7.719	75	15527	4.499	ug/l #	50
38) Carbon Tetrachloride	7.725	117	19701	4.886	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	72278	68.151	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	72278	139.061	ug/l #	12

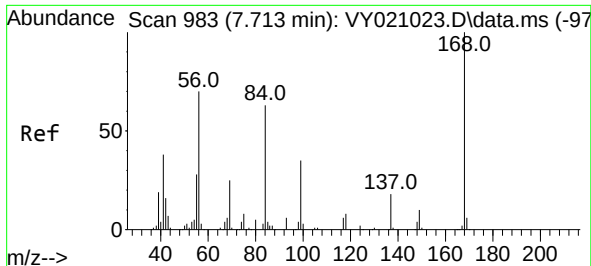
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
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MSVOA_Y
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Quant Time: Feb 19 04:12:34 2025
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

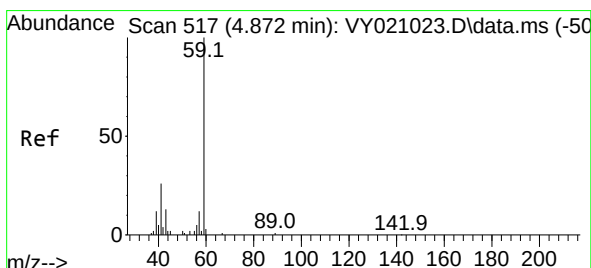
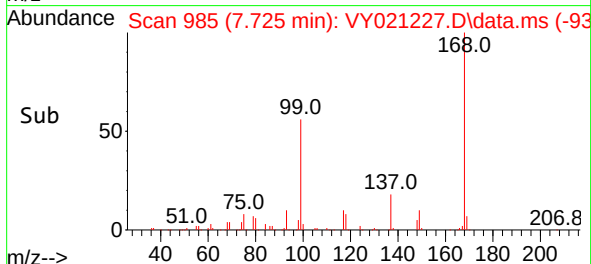
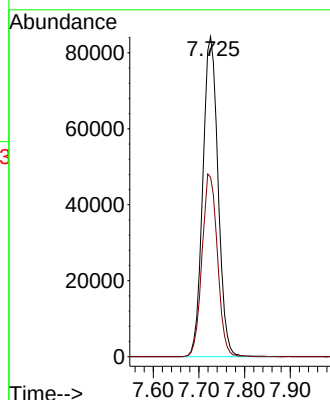
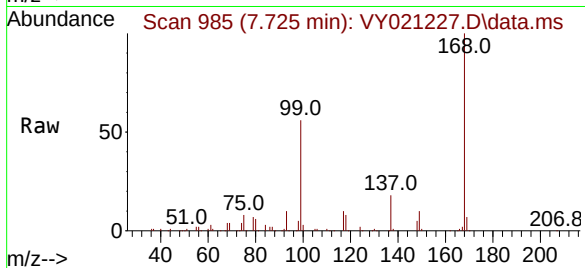




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

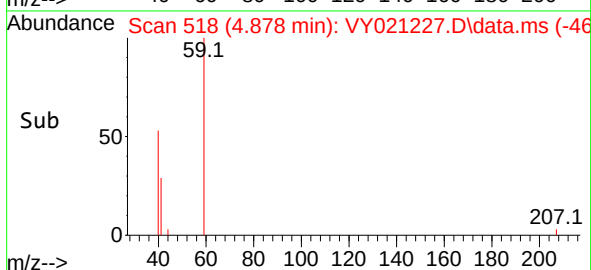
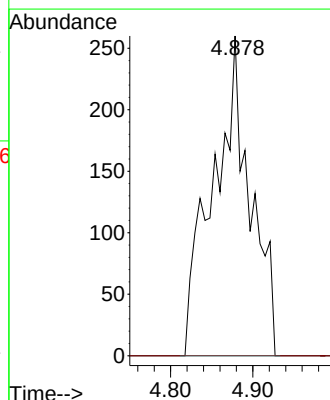
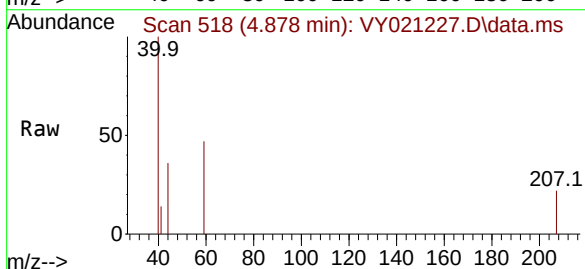
Instrument :
MSVOA_Y
ClientSampleId :

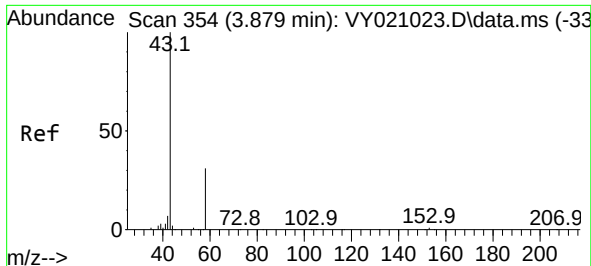
Tgt Ion:168 Resp: 194901
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 6.037 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

Tgt Ion: 59 Resp: 817
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

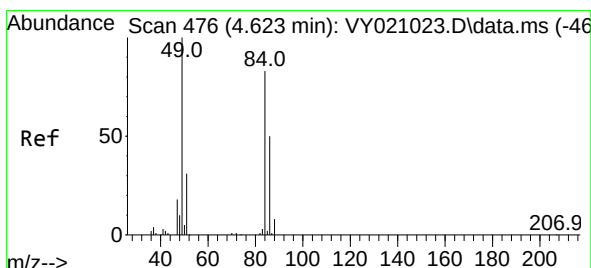
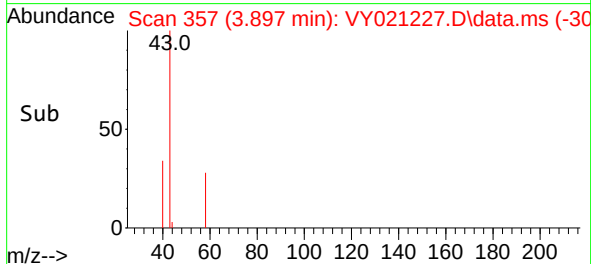
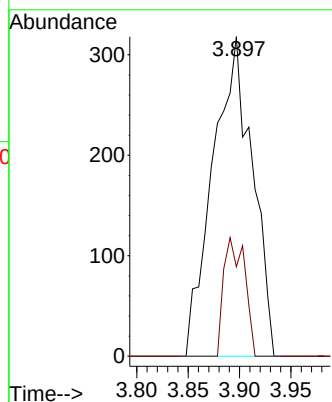
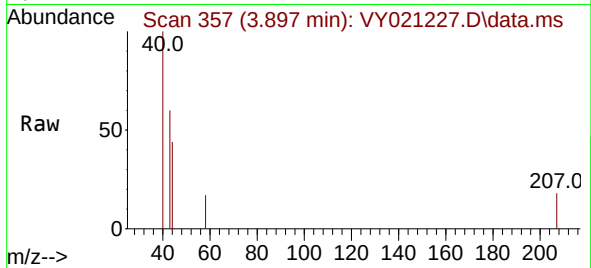




#16
Acetone
Concen: 2.720 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

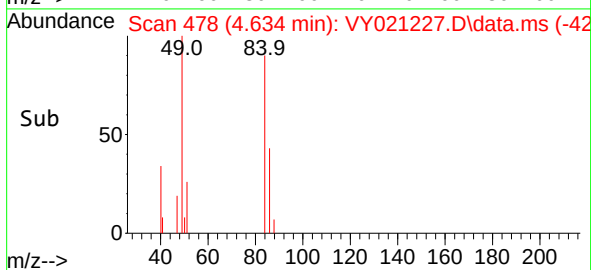
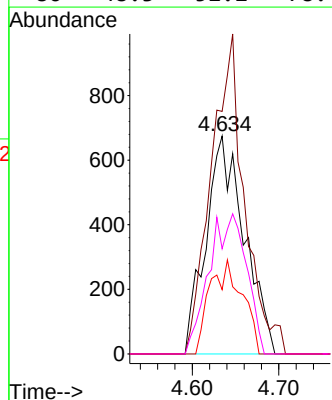
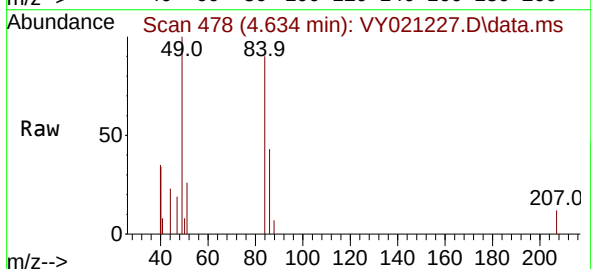
Instrument :
MSVOA_Y
ClientSampleId :

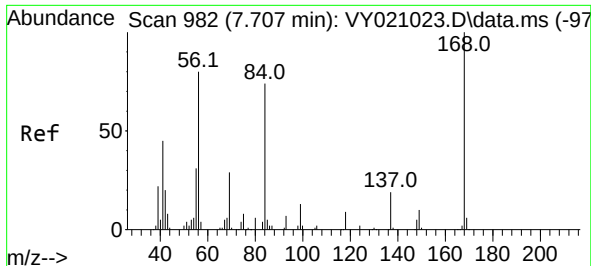
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 28.0 26.6 39.8



#20
Methylene Chloride
Concen: 1.077 ug/l
RT: 4.634 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

Tgt Ion: 84 Resp: 2085
Ion Ratio Lower Upper
84 100
49 111.3 95.2 142.8
51 29.5 29.9 44.9#
86 48.3 52.2 78.4#

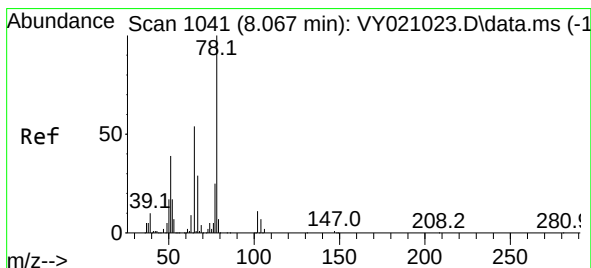
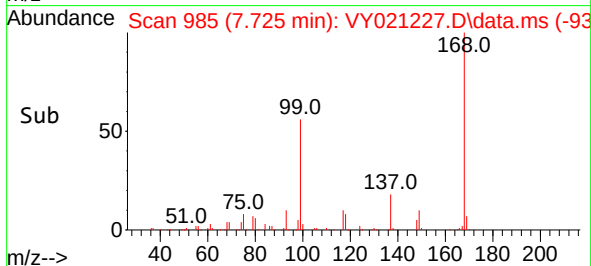
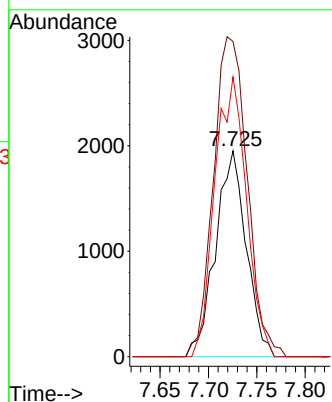
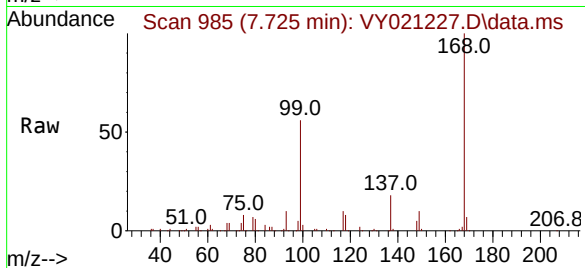




#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.725 min Scan# 982
Delta R.T. 0.018 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

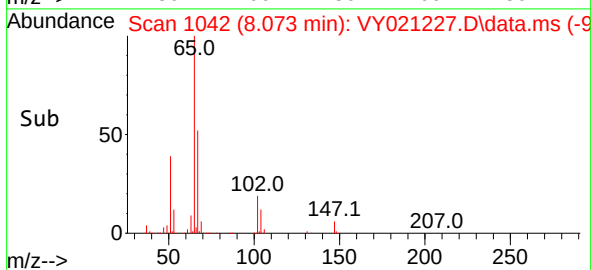
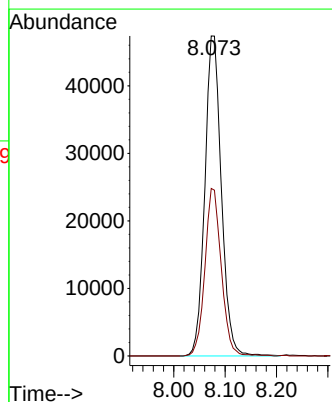
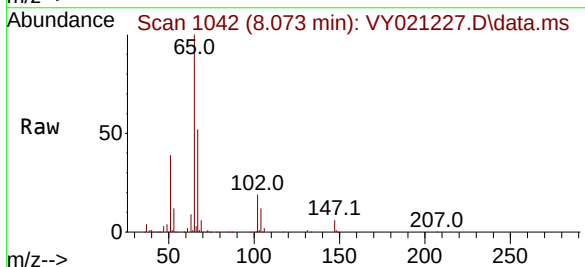
Instrument :
MSVOA_Y
ClientSampleId :

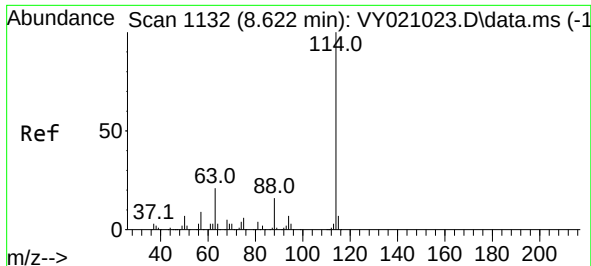
Tgt Ion: 56 Resp: 4316
Ion Ratio Lower Upper
56 100
69 153.2 27.0 40.6#
84 135.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 52.911 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

Tgt Ion: 65 Resp: 105659
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY021227.D

Acq: 18 Feb 2025 10:55

Instrument :

MSVOA_Y

ClientSampleId :

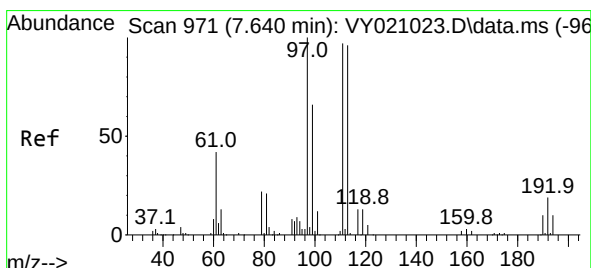
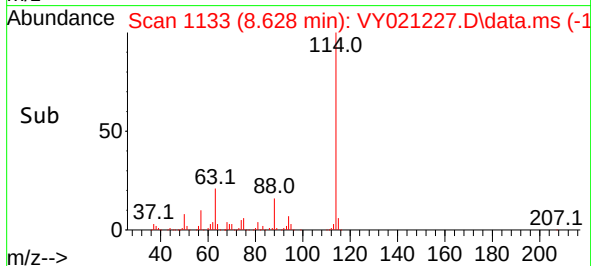
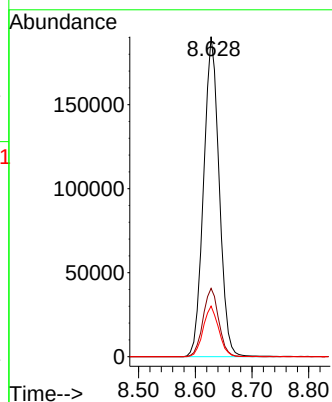
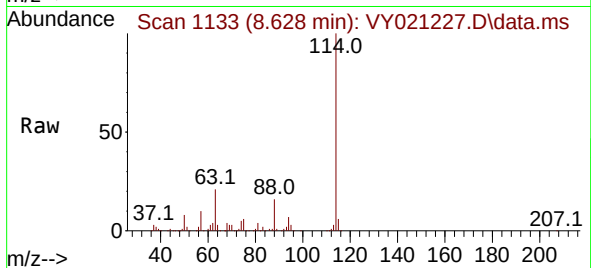
Tgt Ion:114 Resp: 363560

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.561 ug/l

RT: 7.652 min Scan# 973

Delta R.T. 0.012 min

Lab File: VY021227.D

Acq: 18 Feb 2025 10:55

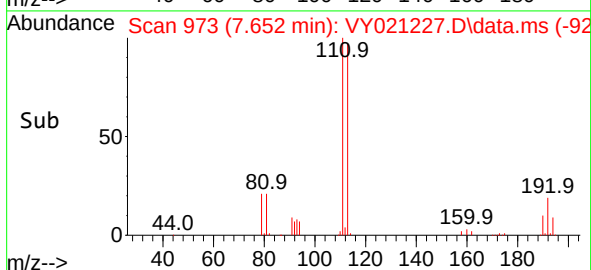
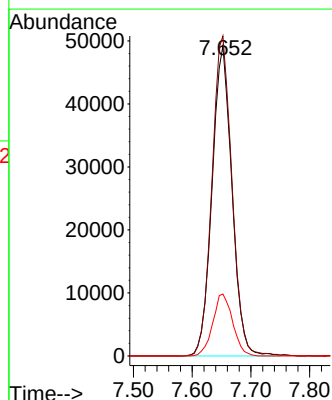
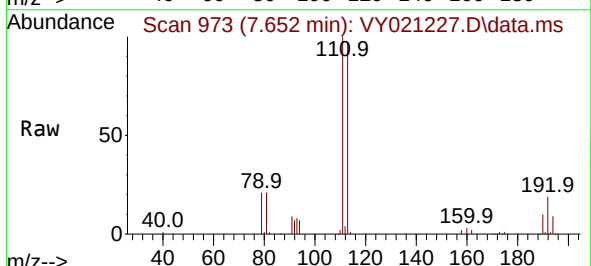
Tgt Ion:113 Resp: 115474

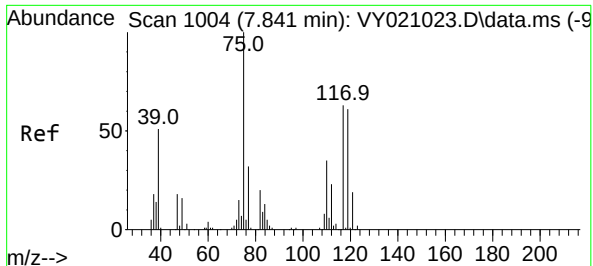
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 20.0 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.499 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.122 min

Lab File: VY021227.D

Acq: 18 Feb 2025 10:55

Instrument :

MSVOA_Y

ClientSampleId :

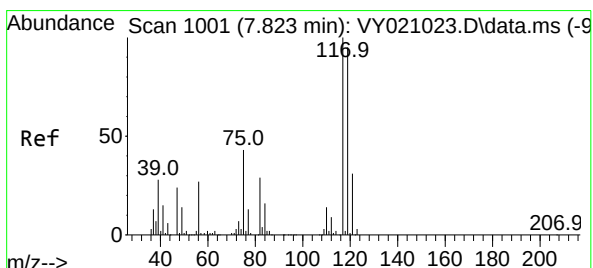
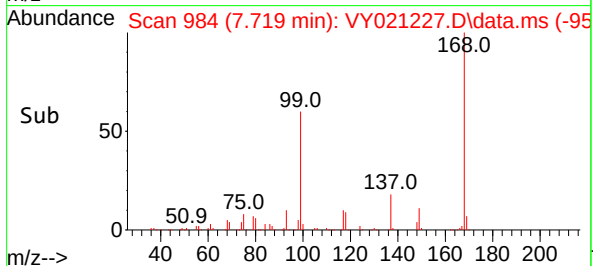
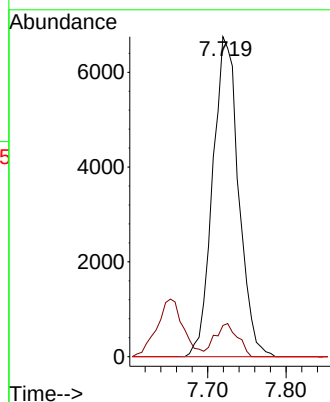
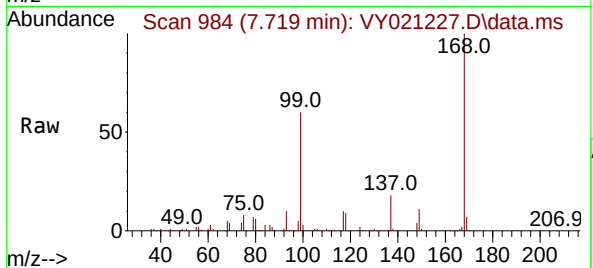
Tgt Ion: 75 Resp: 15527

Ion Ratio Lower Upper

75 100

110 9.0 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.886 ug/l

RT: 7.725 min Scan# 985

Delta R.T. -0.098 min

Lab File: VY021227.D

Acq: 18 Feb 2025 10:55

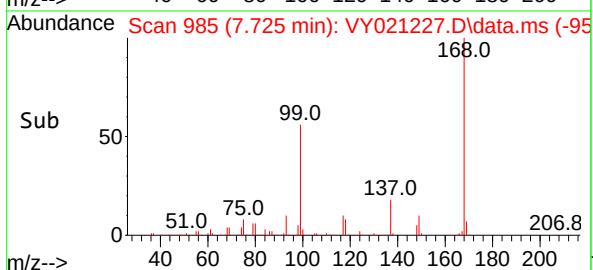
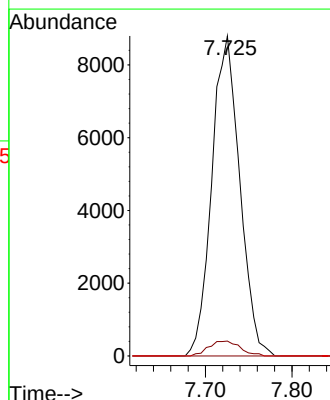
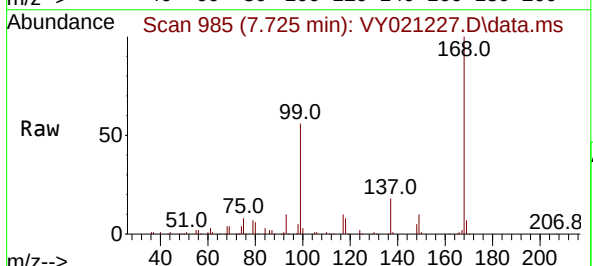
Tgt Ion: 117 Resp: 19701

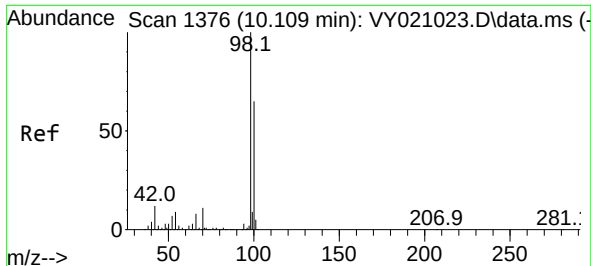
Ion Ratio Lower Upper

117 100

119 4.6 76.0 114.0#

121 0.0 24.2 36.2#

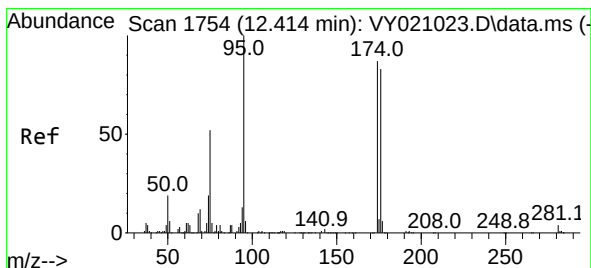
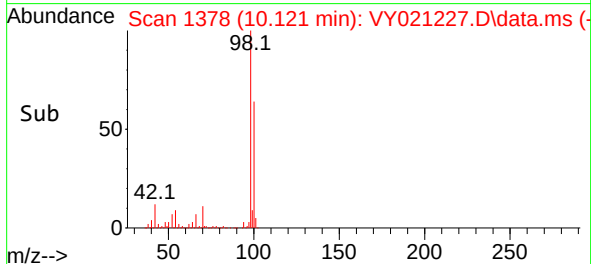
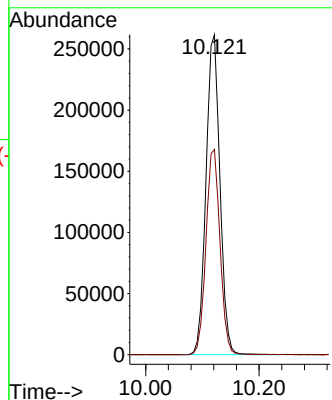
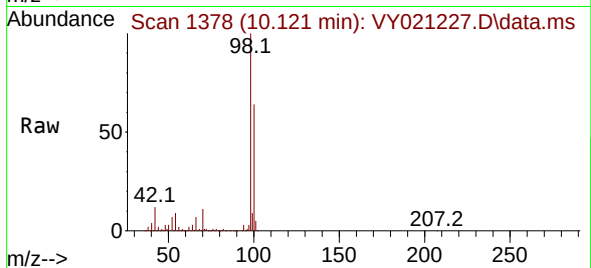




#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.121 min Scan# 1378
Delta R.T. 0.012 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

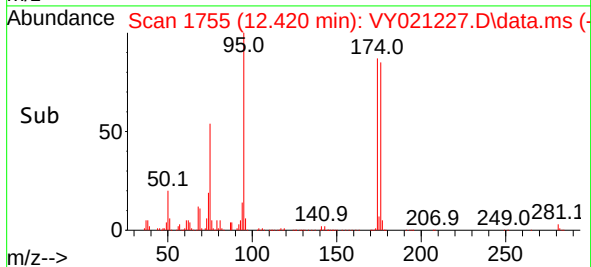
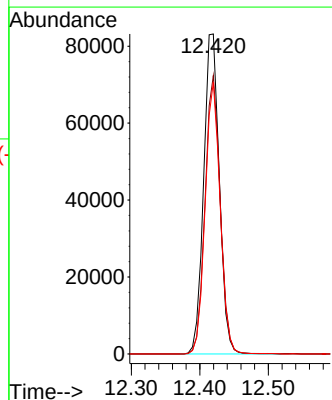
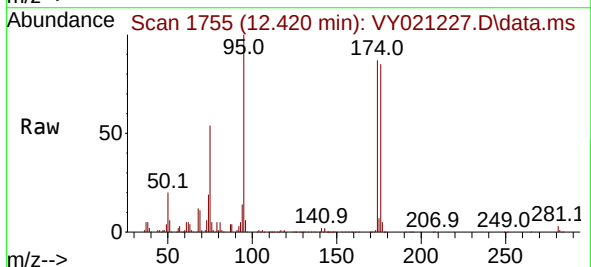
Instrument :
MSVOA_Y
ClientSampleId :

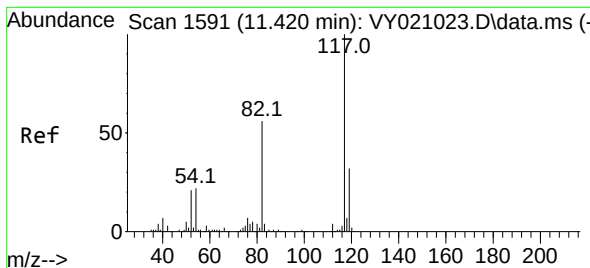
Tgt Ion: 98 Resp: 446850
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.808 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

Tgt Ion: 95 Resp: 132746
Ion Ratio Lower Upper
95 100
174 84.3 0.0 160.0
176 81.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021227.D

Acq: 18 Feb 2025 10:55

Instrument :

MSVOA_Y

ClientSampleId :

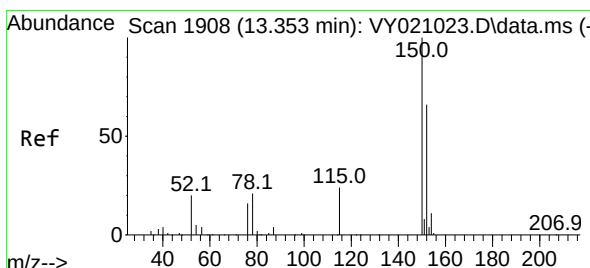
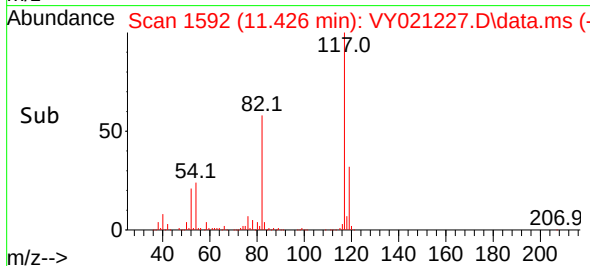
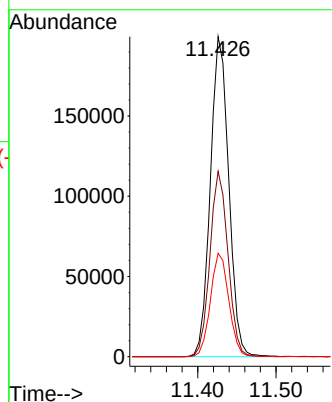
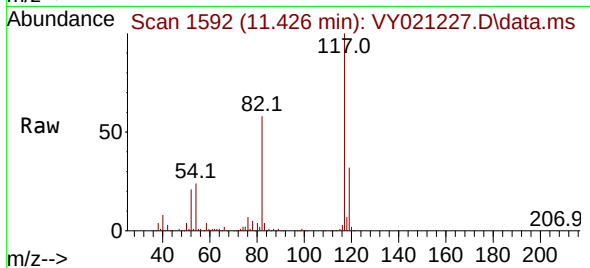
Tgt Ion:117 Resp: 324815

Ion Ratio Lower Upper

117 100

82 57.9 43.8 65.8

119 32.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021227.D

Acq: 18 Feb 2025 10:55

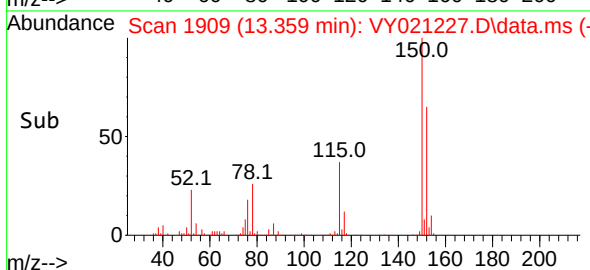
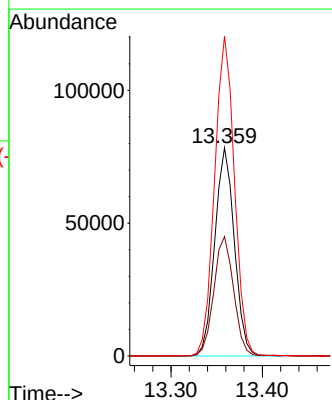
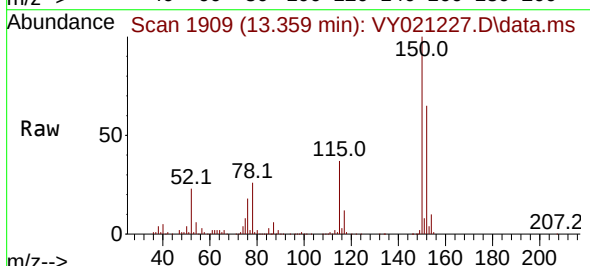
Tgt Ion:152 Resp: 116914

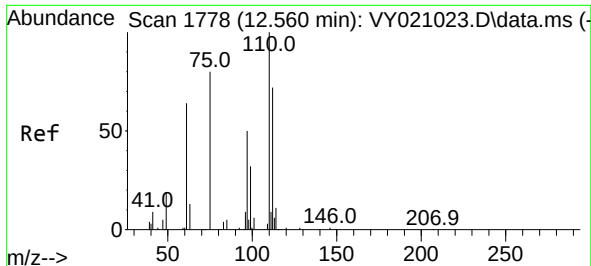
Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 155.7 0.0 344.6

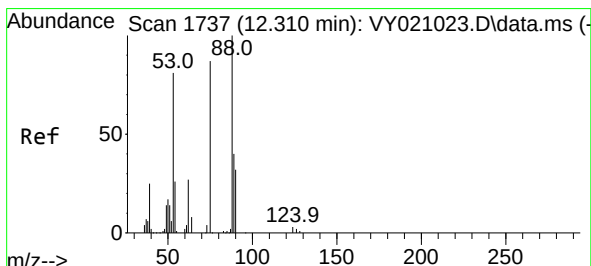
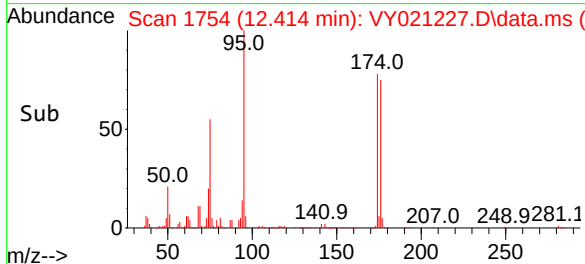
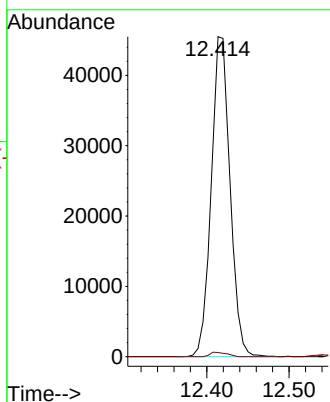
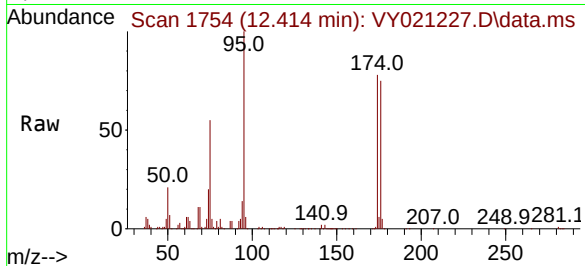




#76
1,2,3-Trichloropropane
Concen: 68.151 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.147 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 72278
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.061 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.103 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

Tgt Ion: 75 Resp: 72278
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

