

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021155.D
 Acq On : 10 Feb 2025 14:27
 Operator : SY/MD
 Sample : Q1314-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 00:30:55 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)

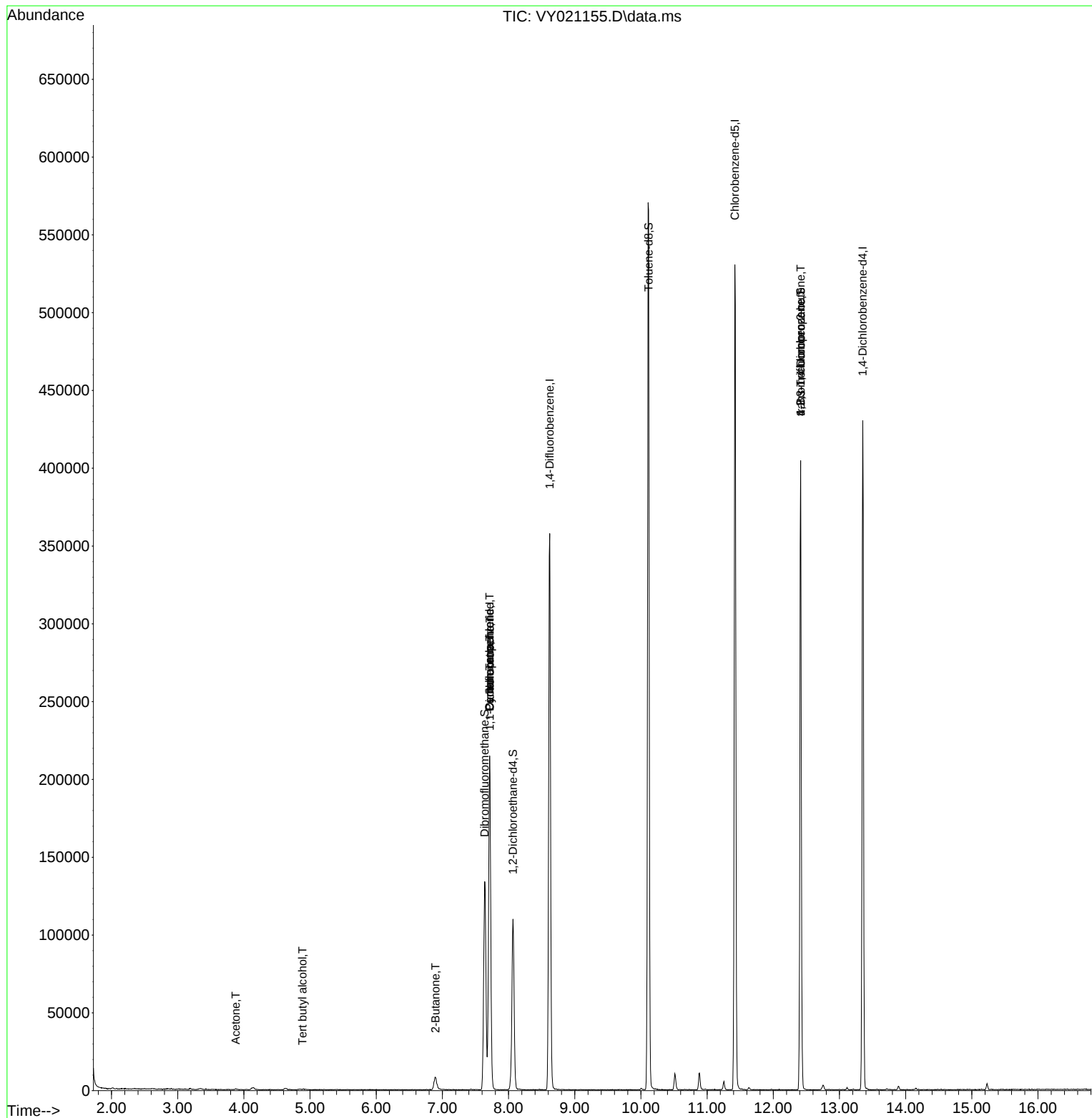
Internal Standards						
1) Pentafluorobenzene	7.713	168	159938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	301901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	272758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	106426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	86133	52.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.120%
35) Dibromofluoromethane	7.640	113	93905	48.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.115	98	366993	49.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.413	95	114454	47.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.884	59	186	1.675	ug/l #	75
16) Acetone	3.878	43	846	3.310	ug/l #	82
25) 2-Butanone	6.896	43	485	1.155	ug/l #	48
31) Cyclohexane	7.713	56	3673	1.314	ug/l #	39
36) 1,1-Dichloropropene	7.719	75	12886	4.497	ug/l #	51
38) Carbon Tetrachloride	7.713	117	16436	4.908	ug/l #	16
76) 1,2,3-Trichloropropane	12.413	75	63898	66.187	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.413	75	63898	135.053	ug/l #	12

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

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Quant Time: Feb 11 00:30:55 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

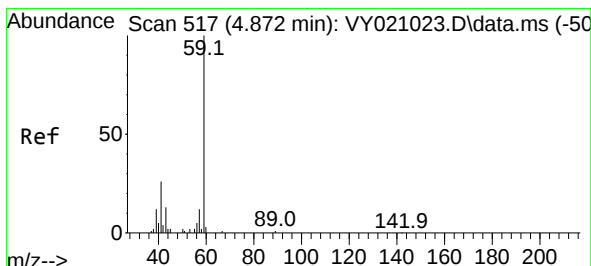
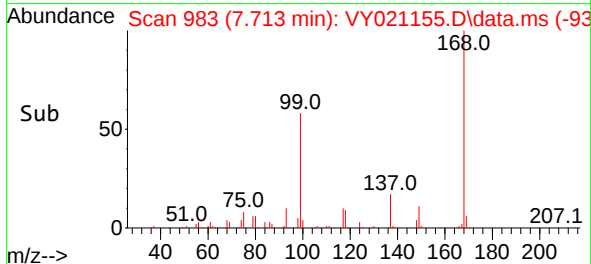
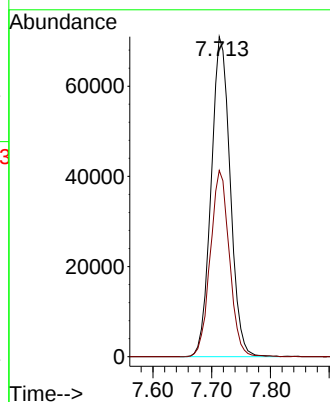
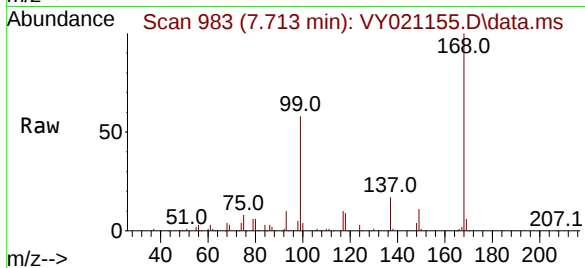




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

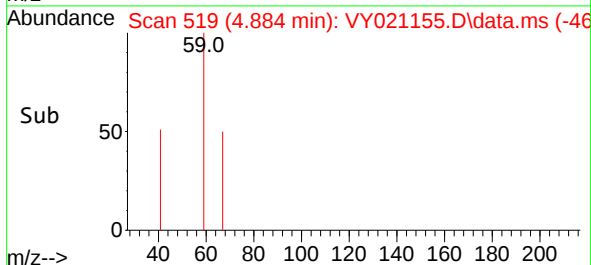
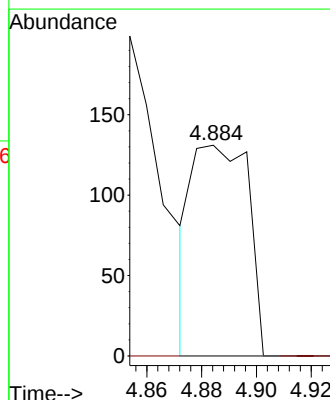
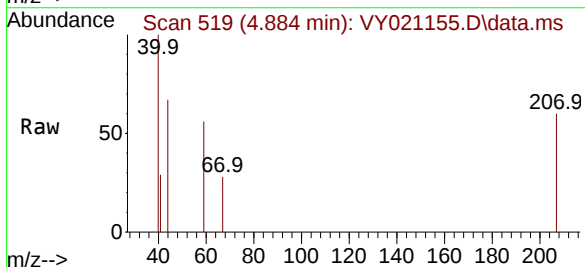
Instrument :
MSVOA_Y
ClientSampleId :

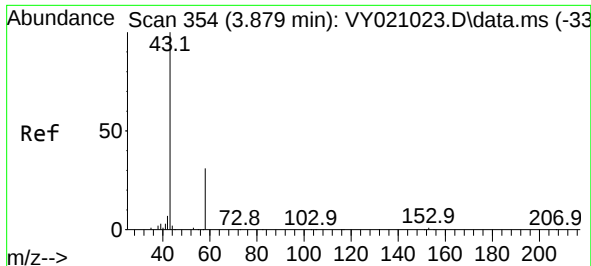
Tgt Ion:168 Resp: 159938
Ion Ratio Lower Upper
168 100
99 58.2 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.675 ug/l
RT: 4.884 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

Tgt Ion: 59 Resp: 186
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

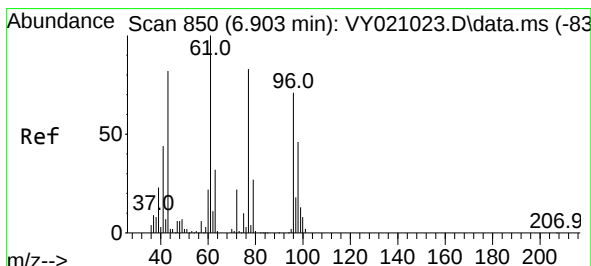
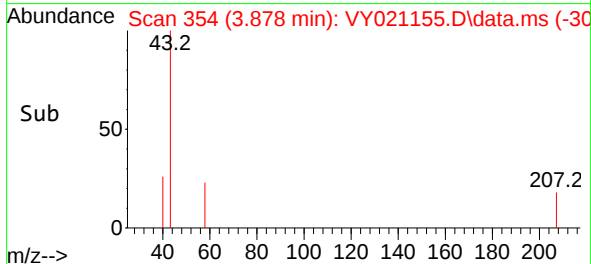
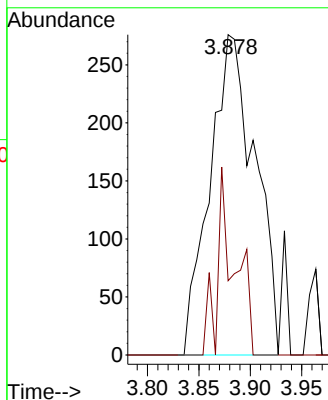
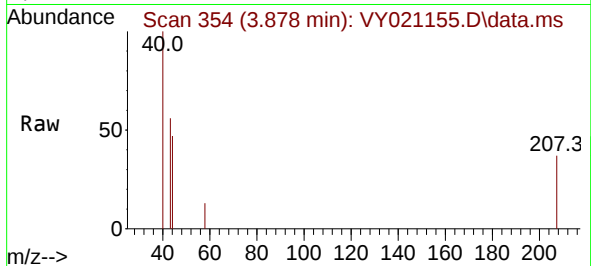




#16
Acetone
Concen: 3.310 ug/l
RT: 3.878 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

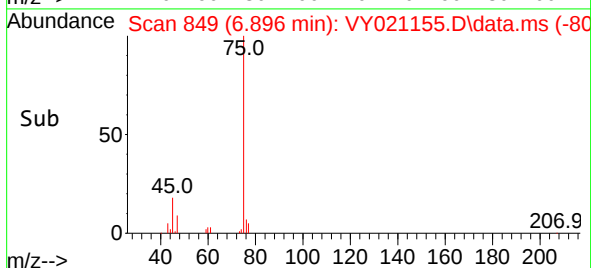
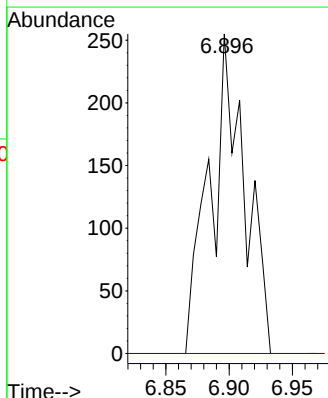
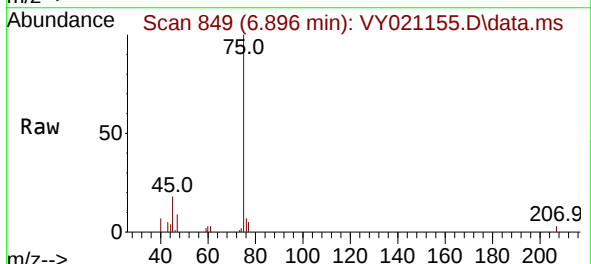
Instrument :
MSVOA_Y
ClientSampleId :

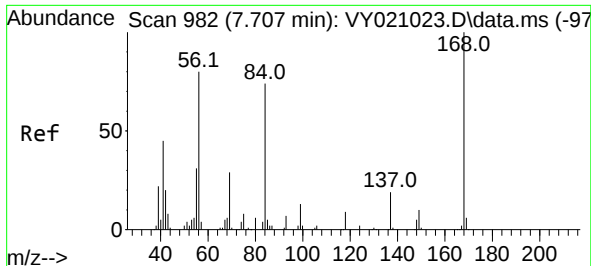
Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 23.2 26.6 39.8#



#25
2-Butanone
Concen: 1.155 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.007 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

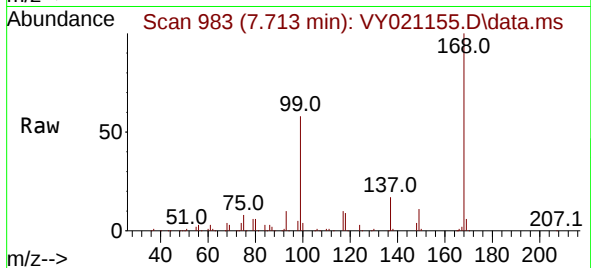
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



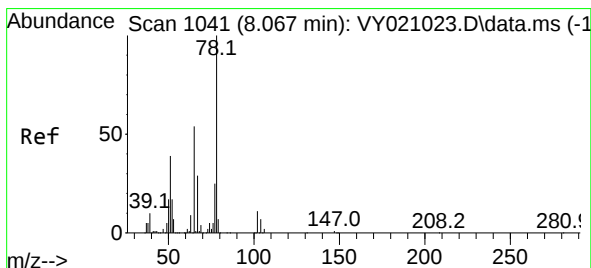
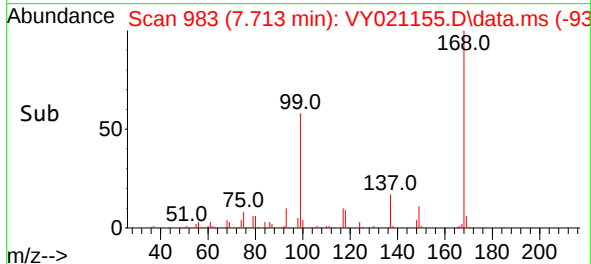
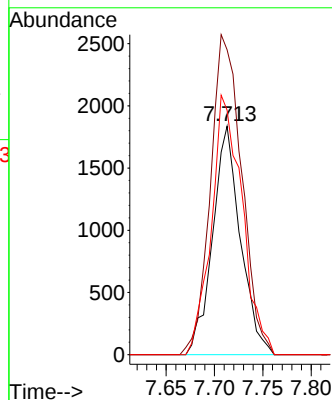


#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

Instrument :
MSVOA_Y
ClientSampleId :

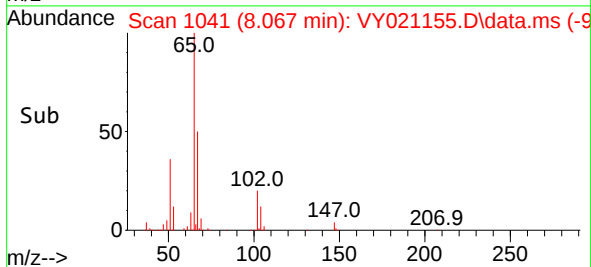
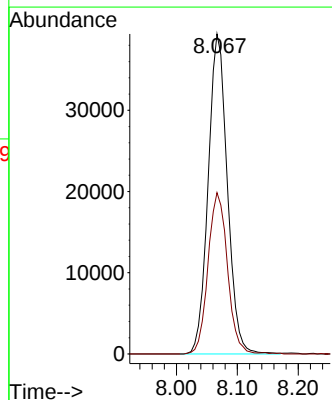
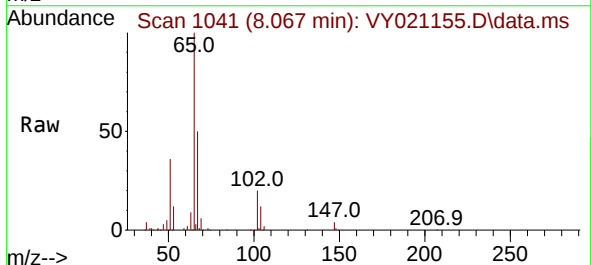


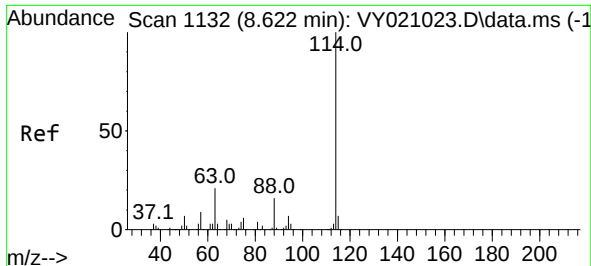
Tgt Ion: 56 Resp: 3673
Ion Ratio Lower Upper
56 100
69 133.4 27.0 40.6#
84 107.0 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 52.562 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

Tgt Ion: 65 Resp: 86133
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021155.D

Acq: 10 Feb 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

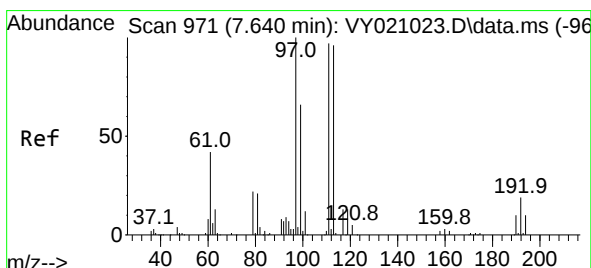
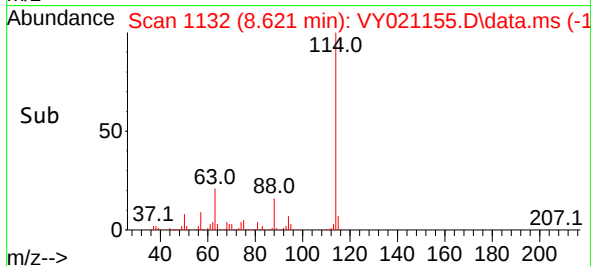
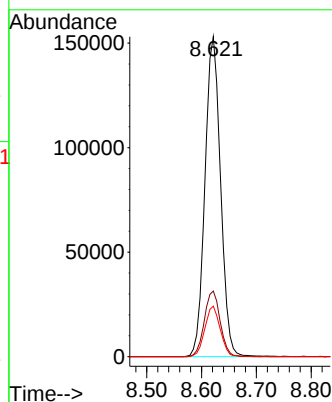
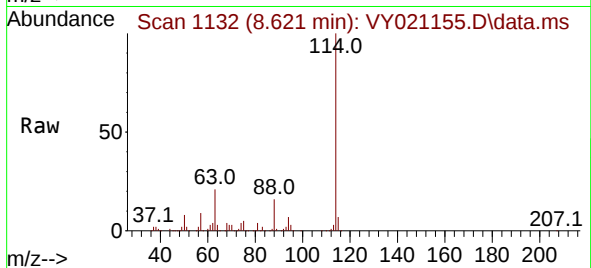
Tgt Ion:114 Resp: 301901

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.535 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021155.D

Acq: 10 Feb 2025 14:27

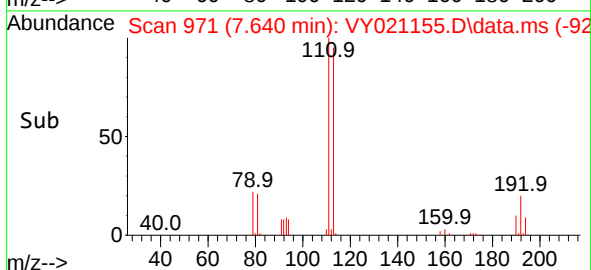
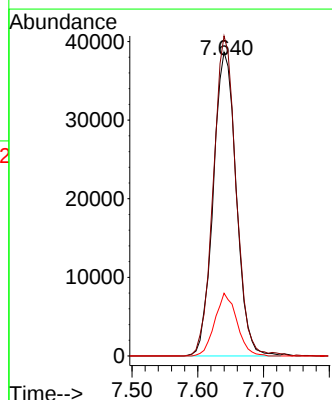
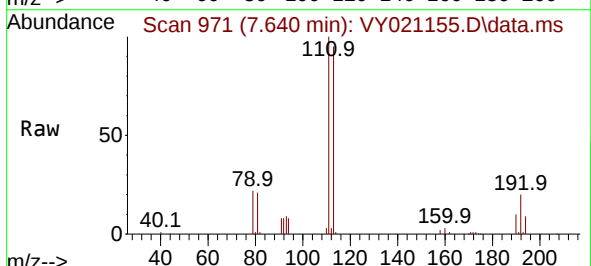
Tgt Ion:113 Resp: 93905

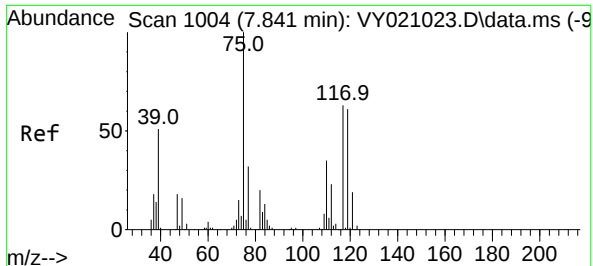
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 19.8 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.497 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.122 min

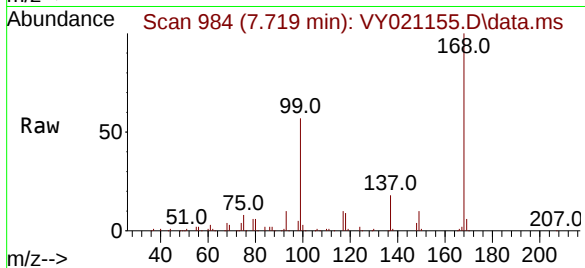
Lab File: VY021155.D

Acq: 10 Feb 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :



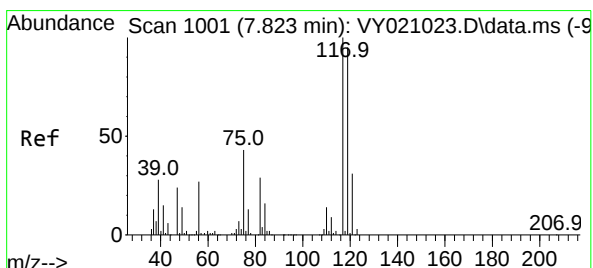
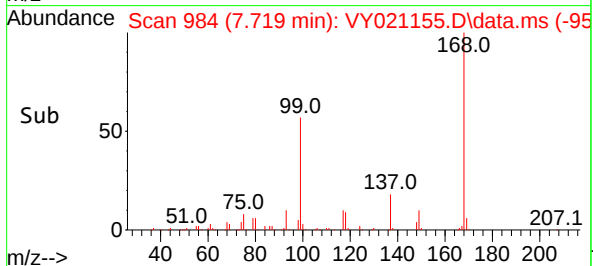
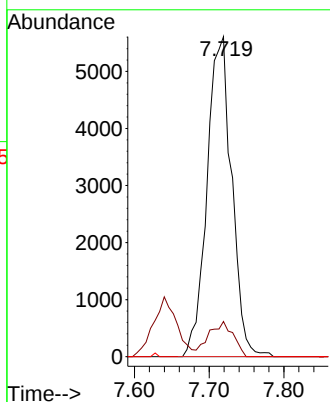
Tgt Ion: 75 Resp: 12886

Ion Ratio Lower Upper

75 100

110 10.7 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.908 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.110 min

Lab File: VY021155.D

Acq: 10 Feb 2025 14:27

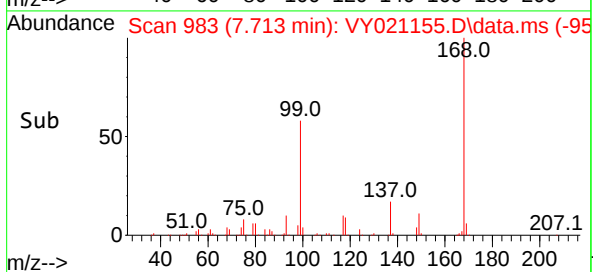
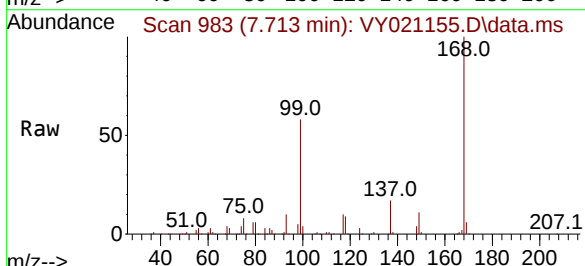
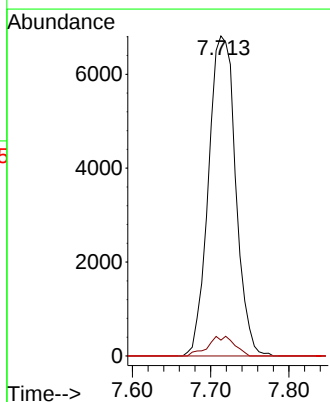
Tgt Ion: 117 Resp: 16436

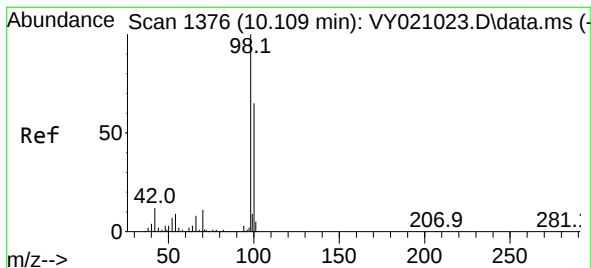
Ion Ratio Lower Upper

117 100

119 4.9 76.0 114.0#

121 0.0 24.2 36.2#

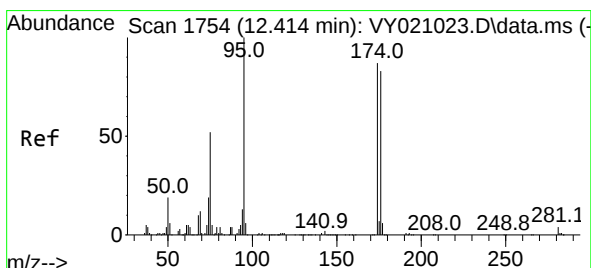
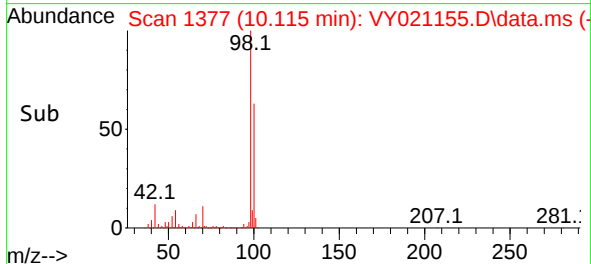
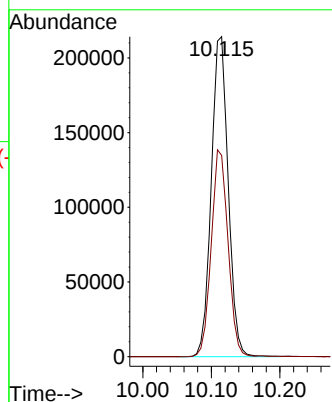
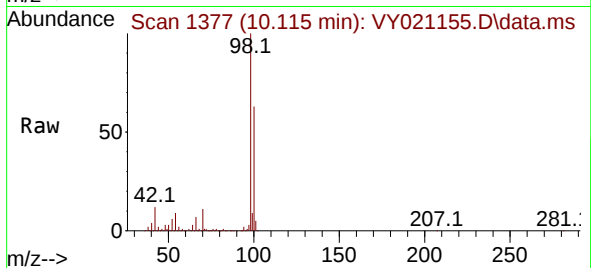




#50
Toluene-d8
Concen: 49.824 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

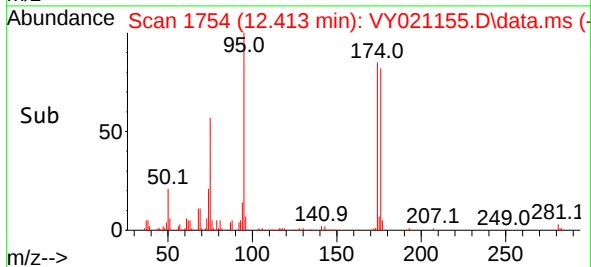
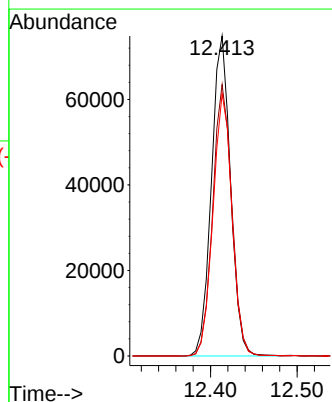
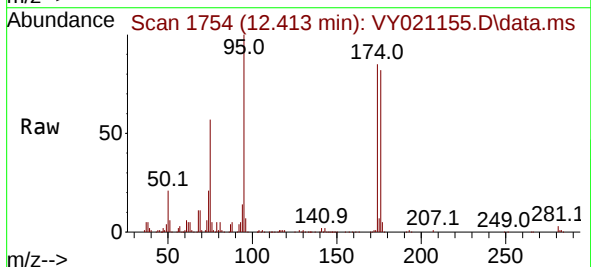
Instrument :
MSVOA_Y
ClientSampleId :

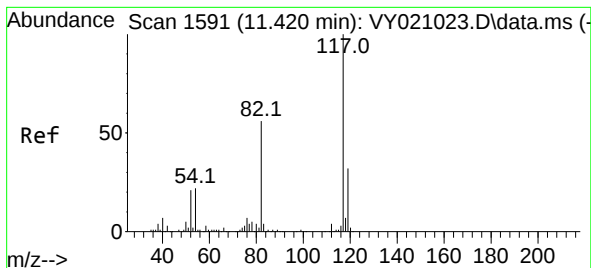
Tgt Ion: 98 Resp: 366993
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.563 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

Tgt Ion: 95 Resp: 114454
Ion Ratio Lower Upper
95 100
174 85.1 0.0 160.0
176 81.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021155.D

Acq: 10 Feb 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

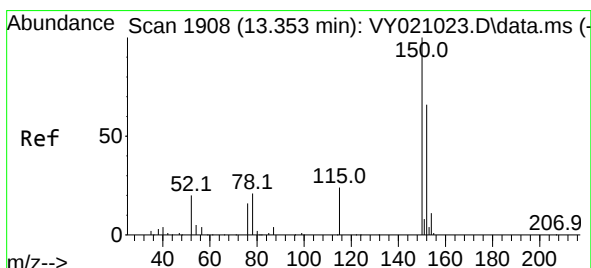
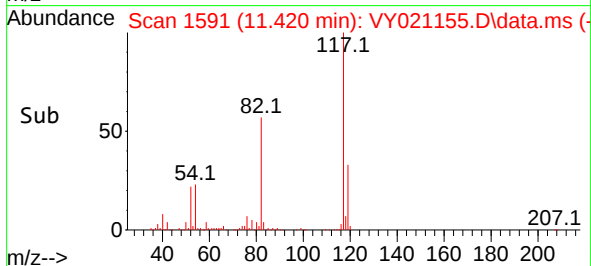
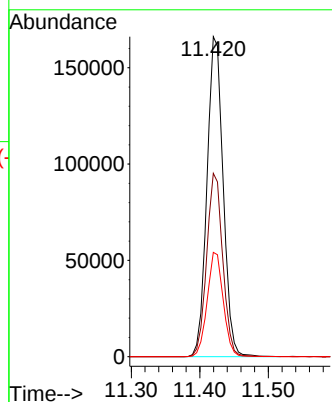
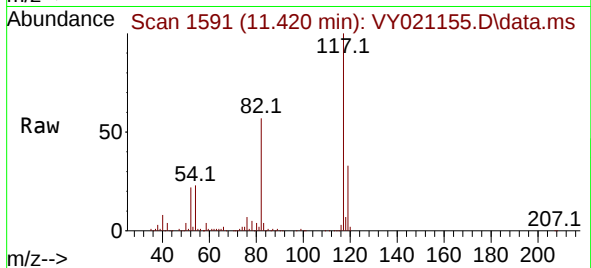
Tgt Ion:117 Resp: 272758

Ion Ratio Lower Upper

117 100

82 57.3 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021155.D

Acq: 10 Feb 2025 14:27

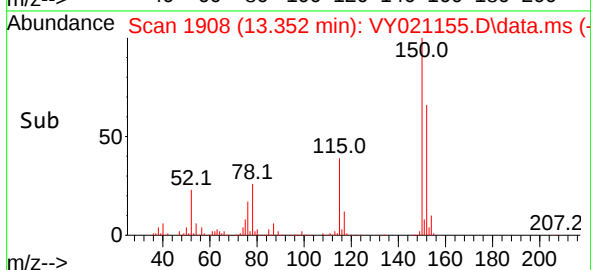
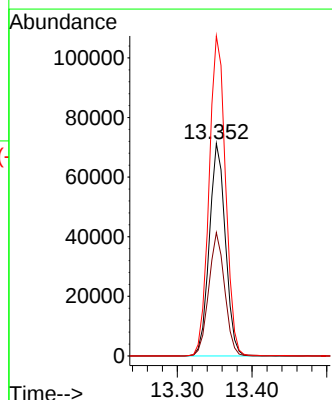
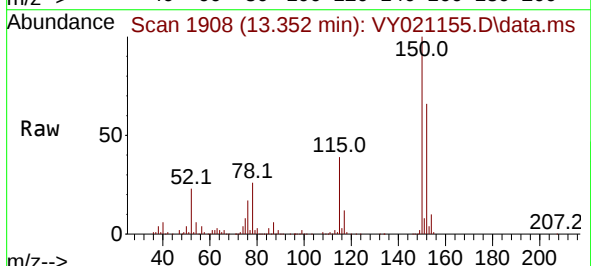
Tgt Ion:152 Resp: 106426

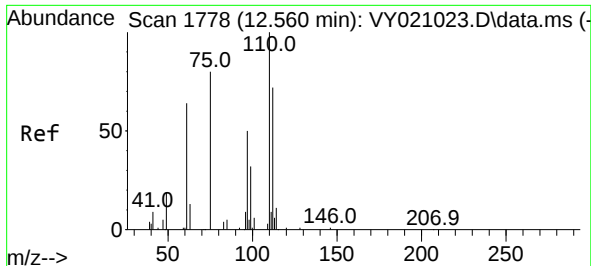
Ion Ratio Lower Upper

152 100

115 57.5 30.0 90.0

150 154.0 0.0 344.6

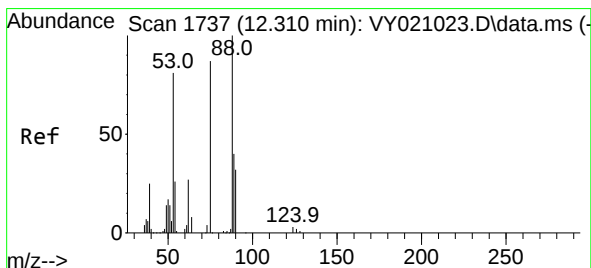
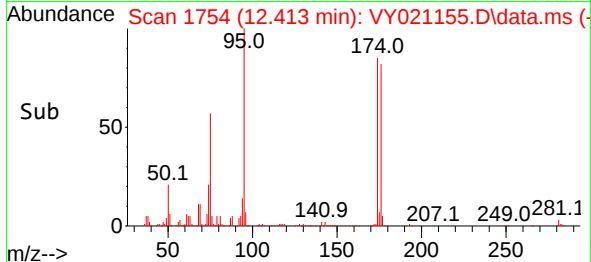
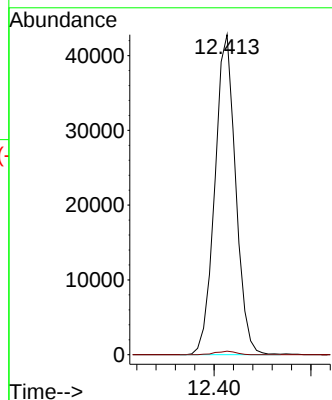
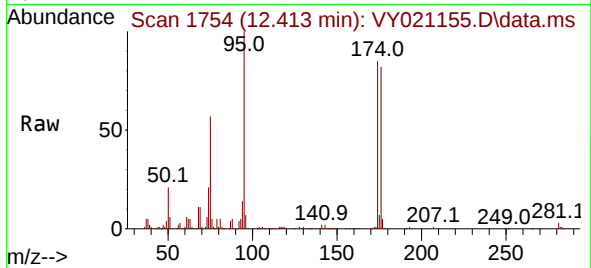




#76
1,2,3-Trichloropropane
Concen: 66.187 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.147 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63898
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.053 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.103 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

Tgt Ion: 75 Resp: 63898
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

