

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
 Data File : VY021176.D
 Acq On : 12 Feb 2025 11:21
 Operator : SY/MD
 Sample : VY0212SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 03:45:37 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)

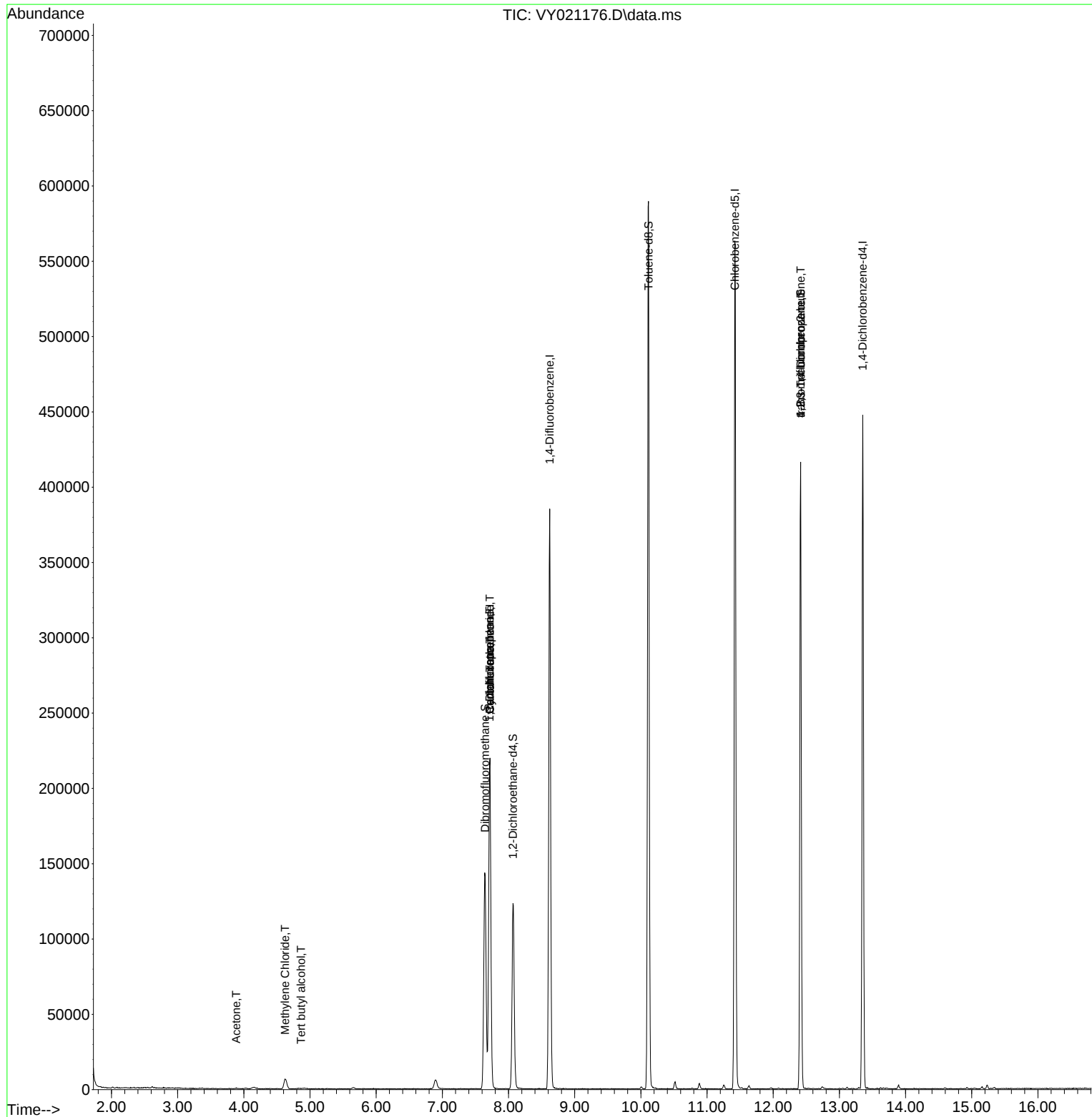
Internal Standards						
1) Pentafluorobenzene	7.720	168	166849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	310090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	286017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	107532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	101834	59.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.140%
35) Dibromofluoromethane	7.646	113	102621	51.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.115	98	378091	49.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.414	95	120370	48.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	396	3.418	ug/l #	75
16) Acetone	3.885	43	715	2.682	ug/l #	87
20) Methylene Chloride	4.623	84	4801	2.897	ug/l #	84
31) Cyclohexane	7.720	56	3901	1.338	ug/l #	16
36) 1,1-Dichloropropene	7.713	75	13197	4.483	ug/l #	51
38) Carbon Tetrachloride	7.720	117	17805	5.177	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	65912	67.571	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	65912	137.877	ug/l #	12

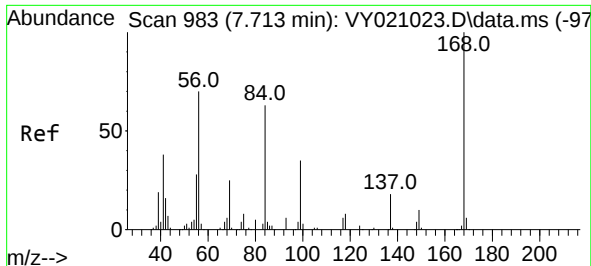
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
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MSVOA_Y
ClientSampleId :

Quant Time: Feb 13 03:45:37 2025
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

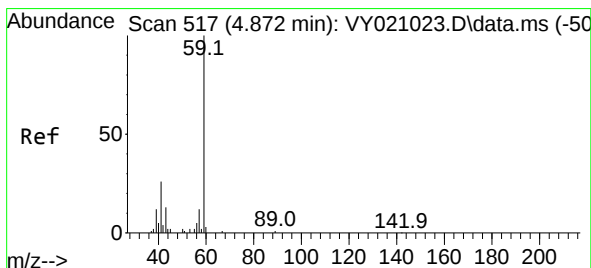
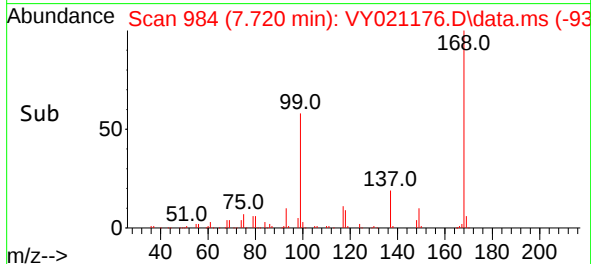
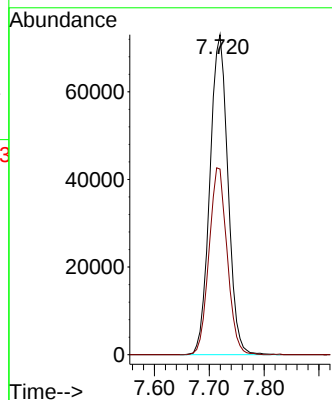
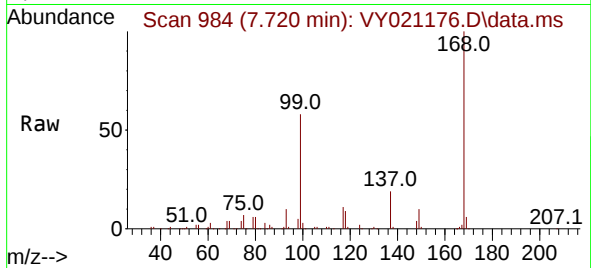




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

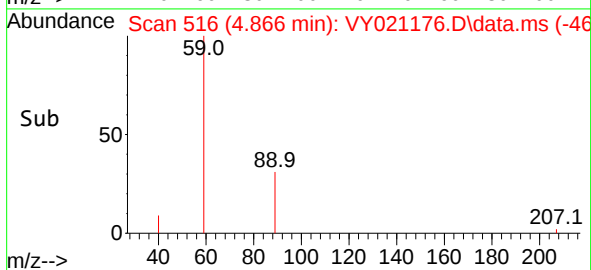
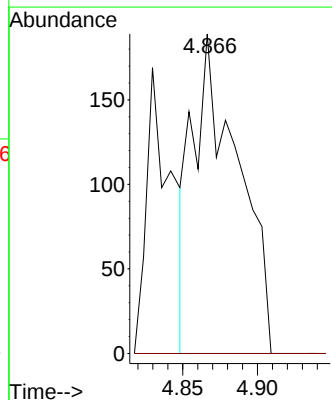
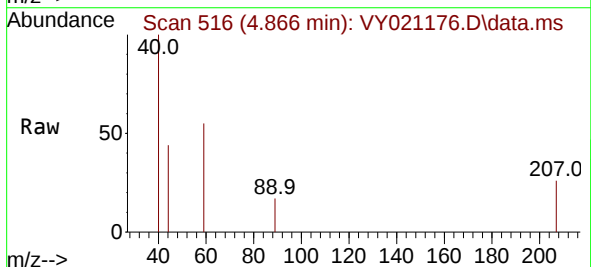
Instrument :
MSVOA_Y
ClientSampleId :

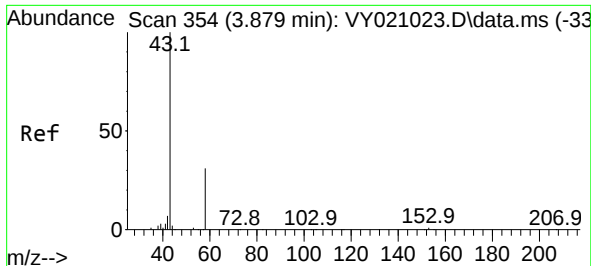
Tgt Ion:168 Resp: 166849
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 3.418 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

Tgt Ion: 59 Resp: 396
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

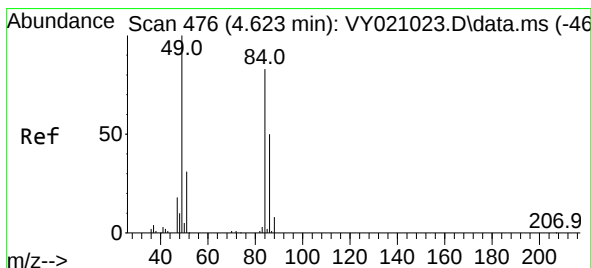
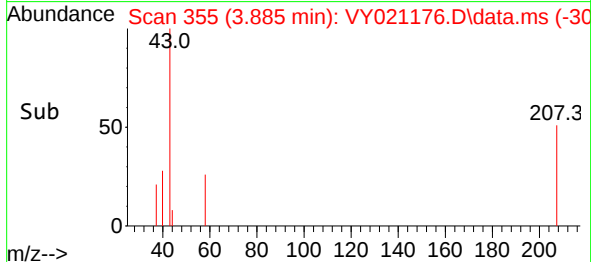
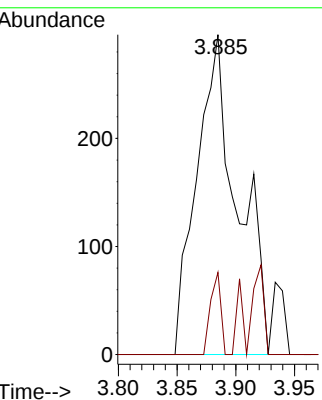
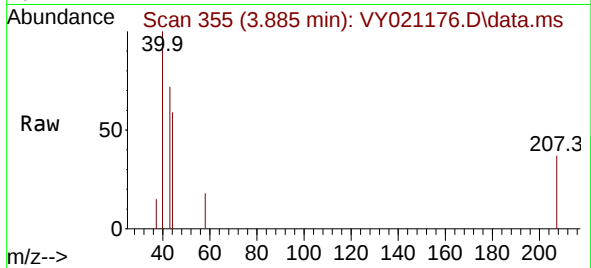




#16
Acetone
Concen: 2.682 ug/l
RT: 3.885 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

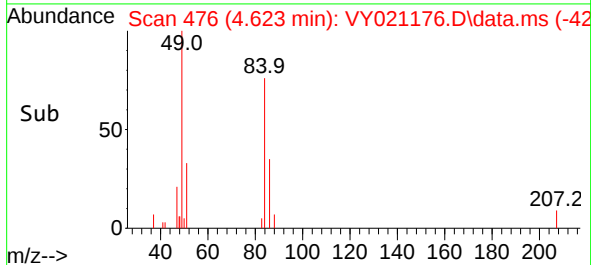
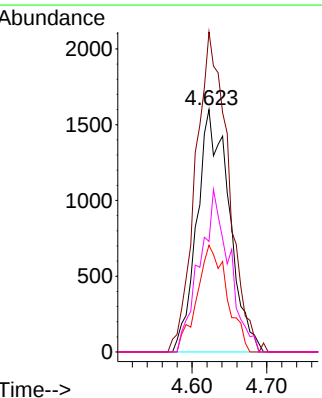
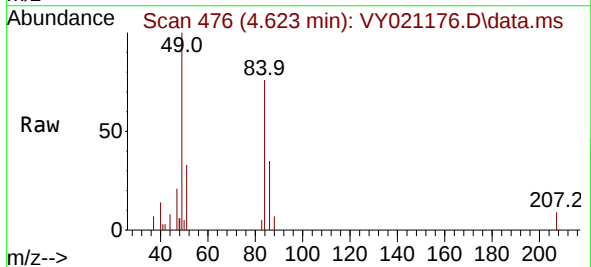
Instrument :
MSVOA_Y
ClientSampleId :

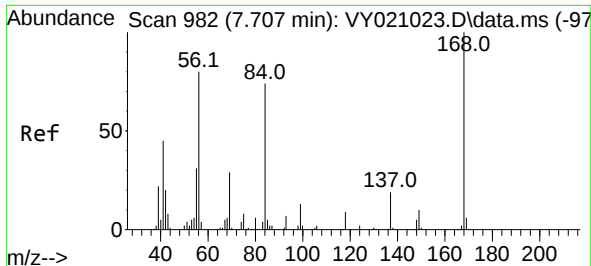
Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 25.7 26.6 39.8#



#20
Methylene Chloride
Concen: 2.897 ug/l
RT: 4.623 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

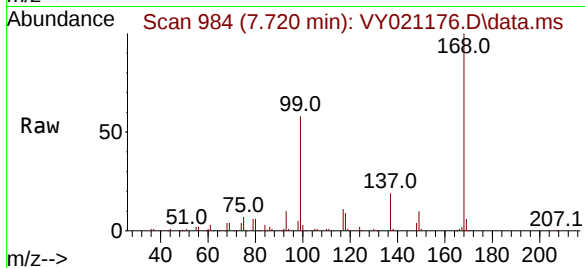
Tgt Ion: 84 Resp: 4801
Ion Ratio Lower Upper
84 100
49 132.0 95.2 142.8
51 44.1 29.9 44.9
86 45.6 52.2 78.4#



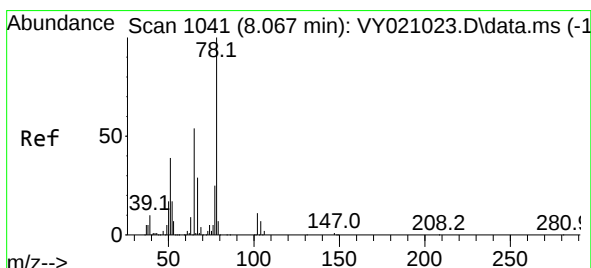
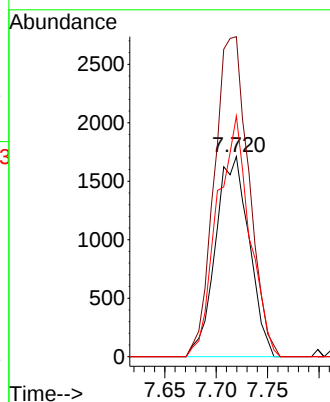
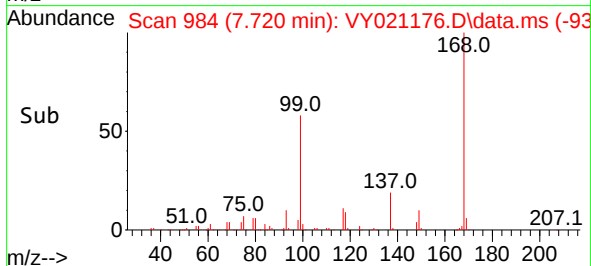


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.720 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

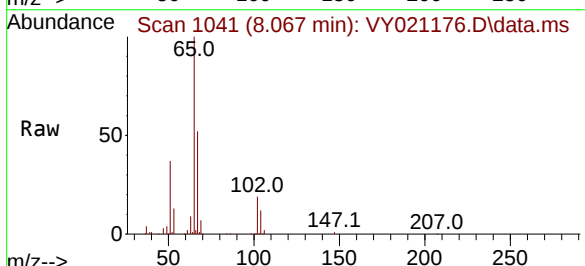
Instrument :
MSVOA_Y
ClientSampleId :



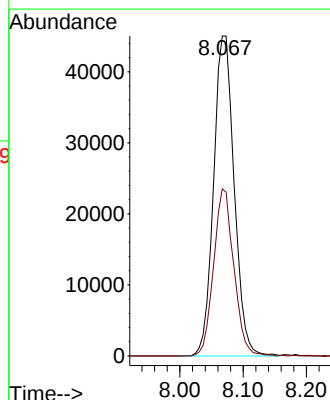
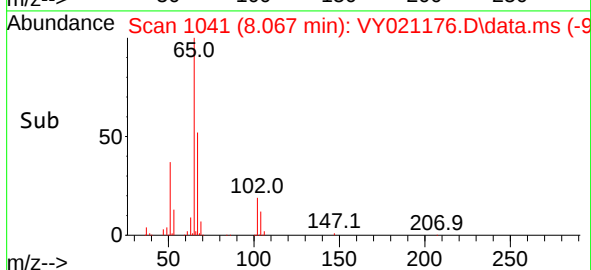
Tgt Ion: 56 Resp: 3901
Ion Ratio Lower Upper
56 100
69 159.8 27.0 40.6#
84 120.2 71.8 107.6#

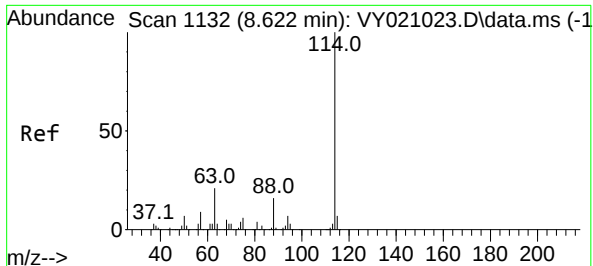


#33
1,2-Dichloroethane-d4
Concen: 59.569 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21



Tgt Ion: 65 Resp: 101834
Ion Ratio Lower Upper
65 100
67 51.1 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: VY021176.D

Acq: 12 Feb 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

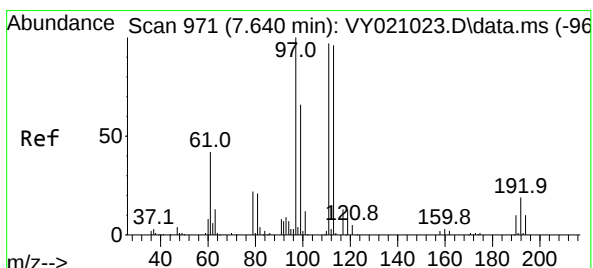
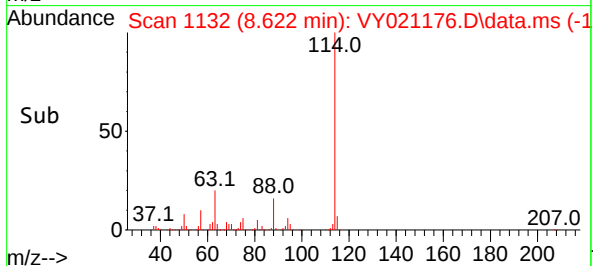
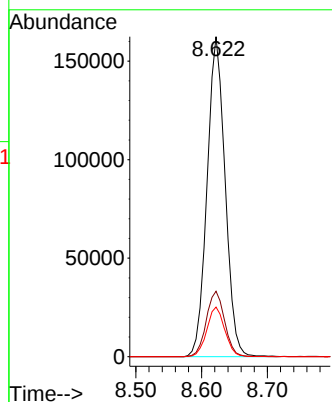
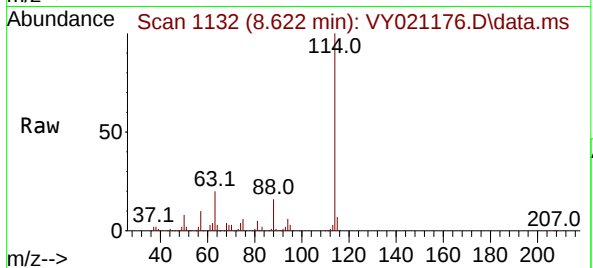
Tgt Ion:114 Resp: 310090

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.639 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021176.D

Acq: 12 Feb 2025 11:21

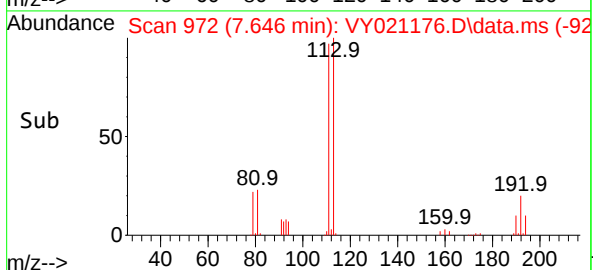
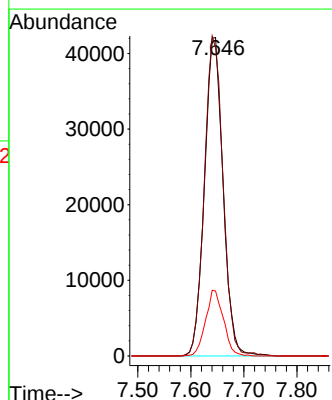
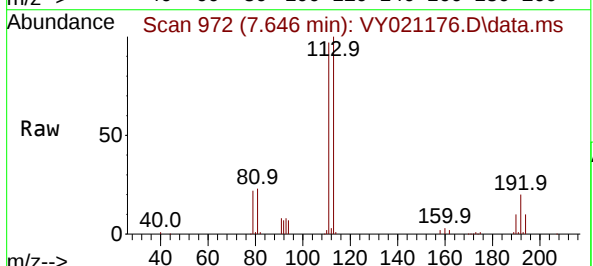
Tgt Ion:113 Resp: 102621

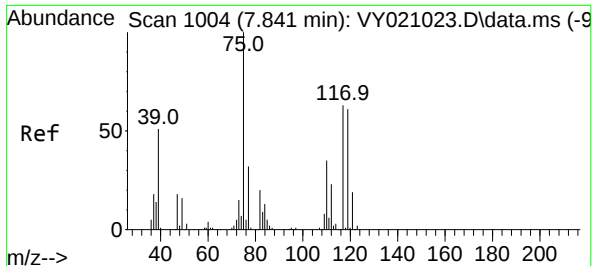
Ion Ratio Lower Upper

113 100

111 100.8 83.8 125.6

192 19.8 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.483 ug/l

RT: 7.713 min Scan# 9

Delta R.T. -0.128 min

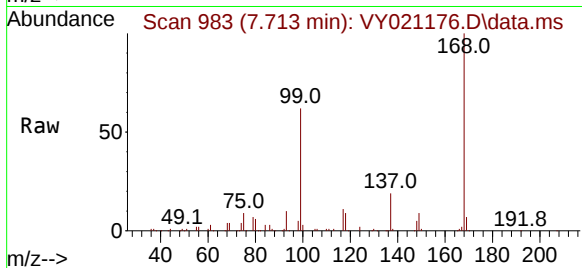
Lab File: VY021176.D

Acq: 12 Feb 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :



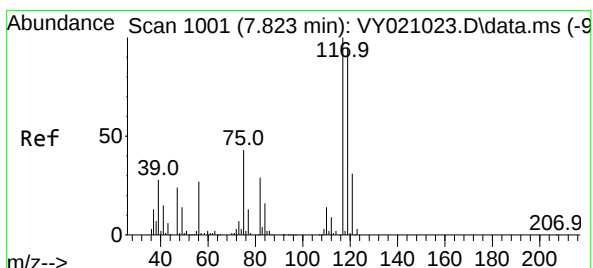
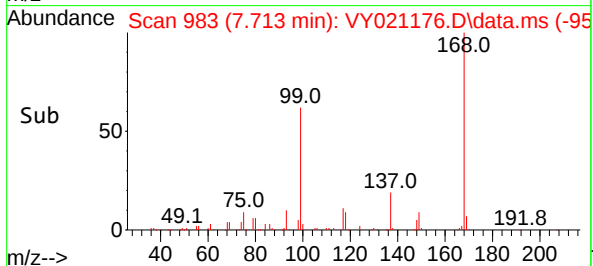
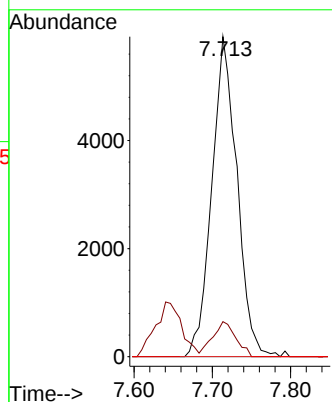
Tgt Ion: 75 Resp: 13197

Ion Ratio Lower Upper

75 100

110 10.1 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.177 ug/l

RT: 7.720 min Scan# 984

Delta R.T. -0.104 min

Lab File: VY021176.D

Acq: 12 Feb 2025 11:21

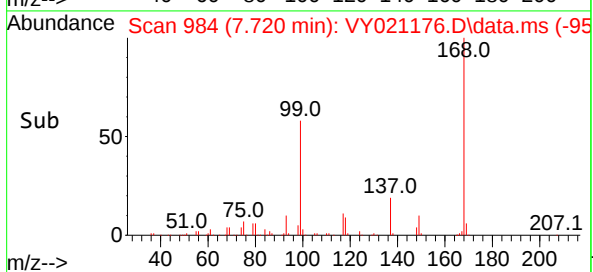
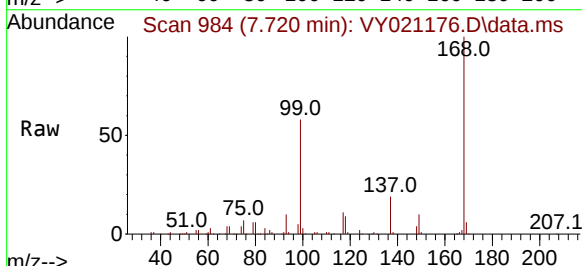
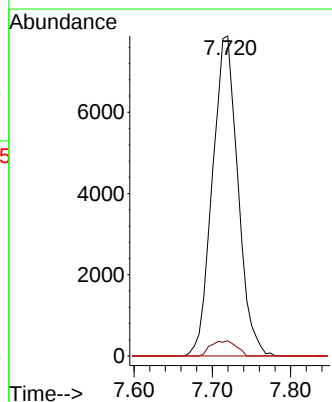
Tgt Ion: 117 Resp: 17805

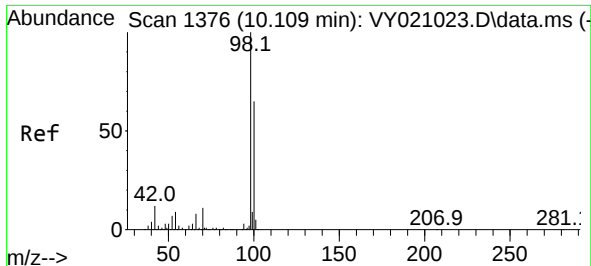
Ion Ratio Lower Upper

117 100

119 4.7 76.0 114.0#

121 0.0 24.2 36.2#

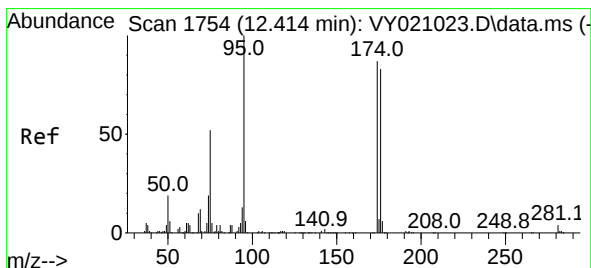
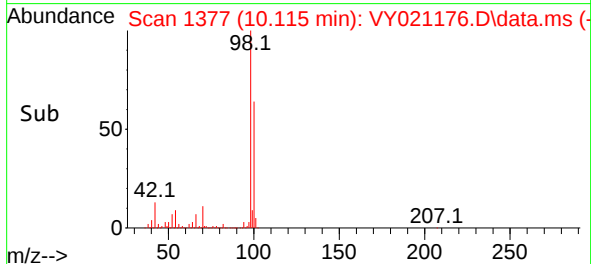
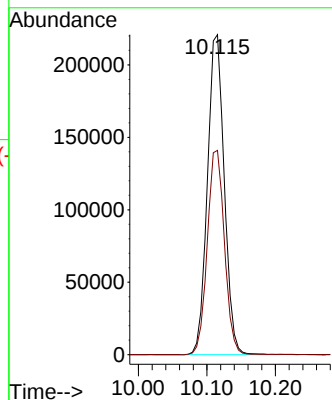
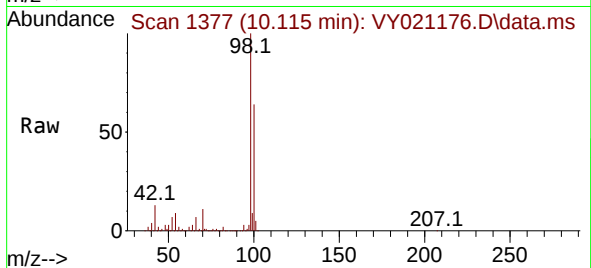




#50
Toluene-d8
Concen: 49.975 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

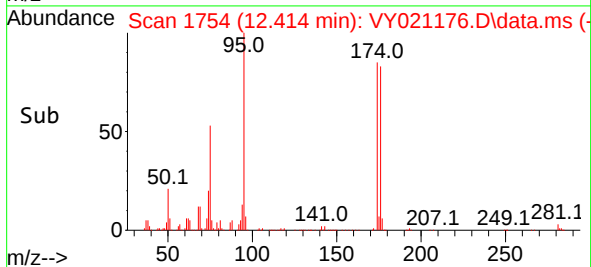
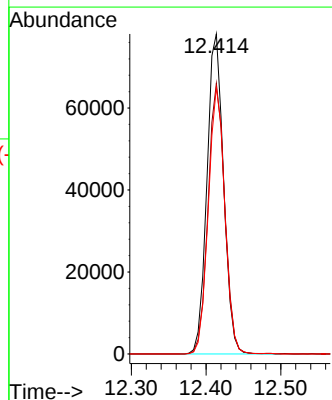
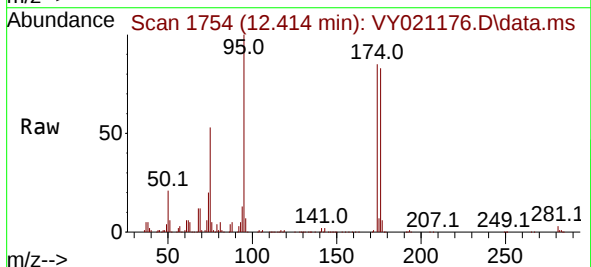
Instrument :
MSVOA_Y
ClientSampleId :

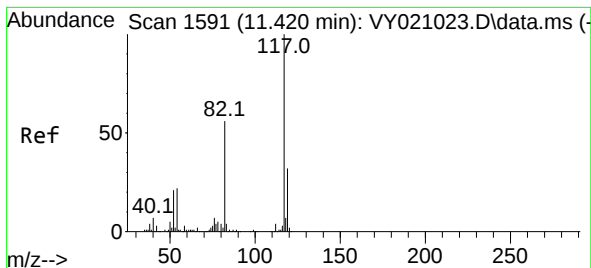
Tgt Ion: 98 Resp: 378091
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.700 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

Tgt Ion: 95 Resp: 120370
Ion Ratio Lower Upper
95 100
174 85.2 0.0 160.0
176 82.7 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: VY021176.D

Acq: 12 Feb 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

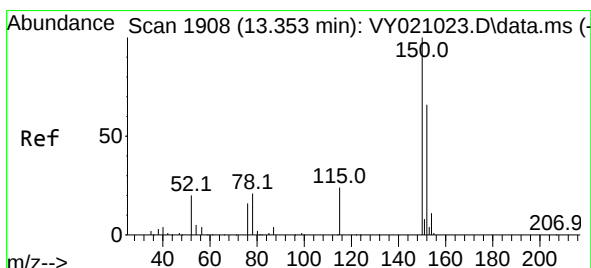
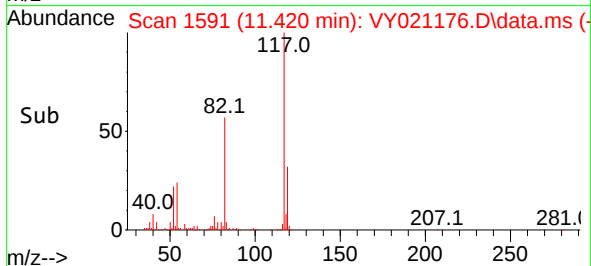
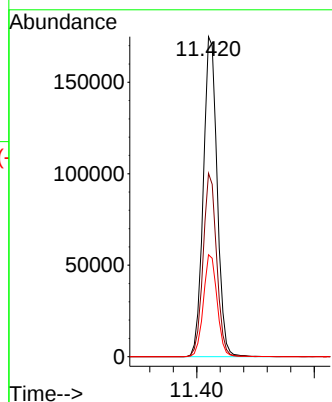
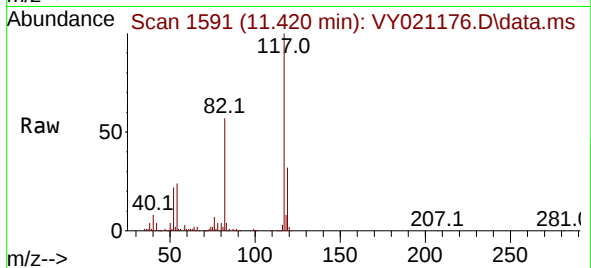
Tgt Ion:117 Resp: 286017

Ion Ratio Lower Upper

117 100

82 57.3 43.8 65.8

119 31.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021176.D

Acq: 12 Feb 2025 11:21

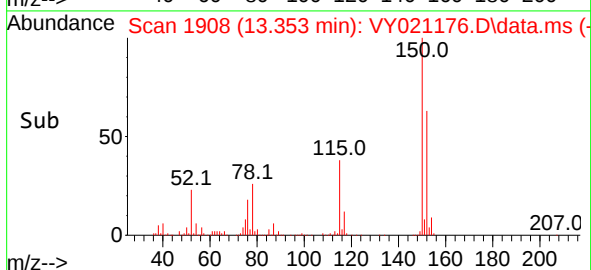
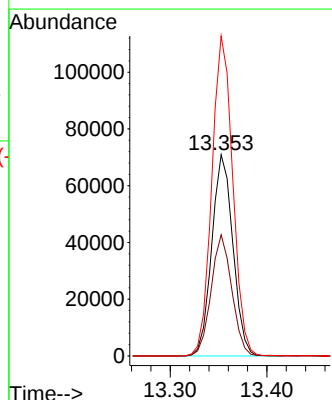
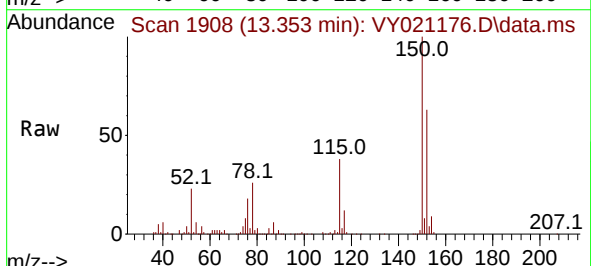
Tgt Ion:152 Resp: 107532

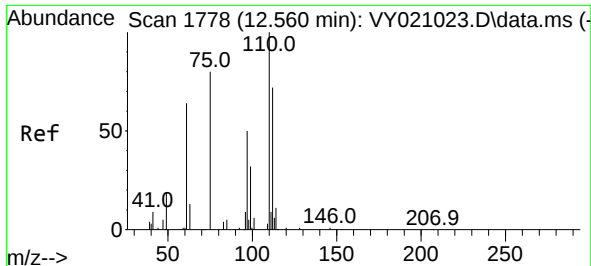
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 157.5 0.0 344.6

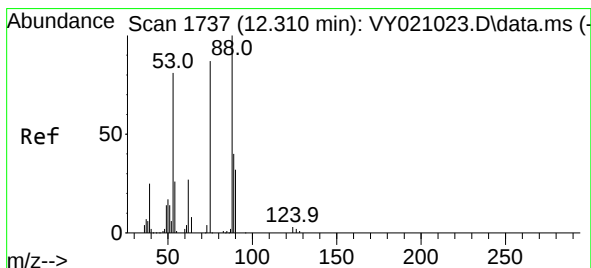
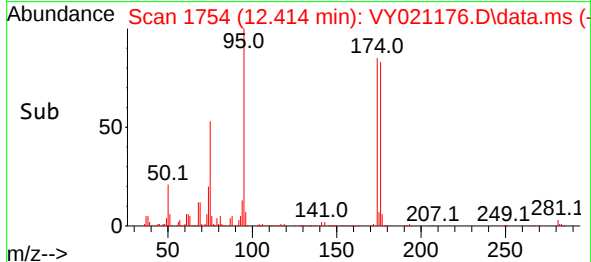
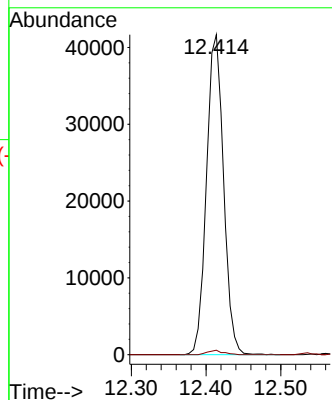
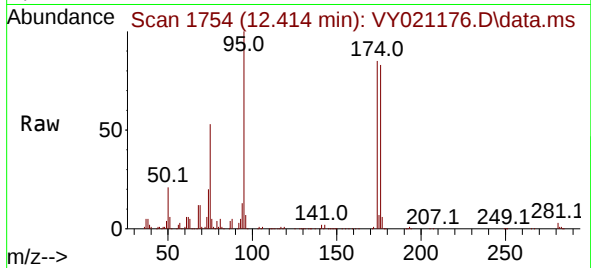




#76
1,2,3-Trichloropropane
Concen: 67.571 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 65912
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.877 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY021176.D
Acq: 12 Feb 2025 11:21

Tgt Ion: 75 Resp: 65912
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

