

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021078.D
 Acq On : 05 Feb 2025 11:07
 Operator : SY/MD
 Sample : Q1284-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 06 00:34:46 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)

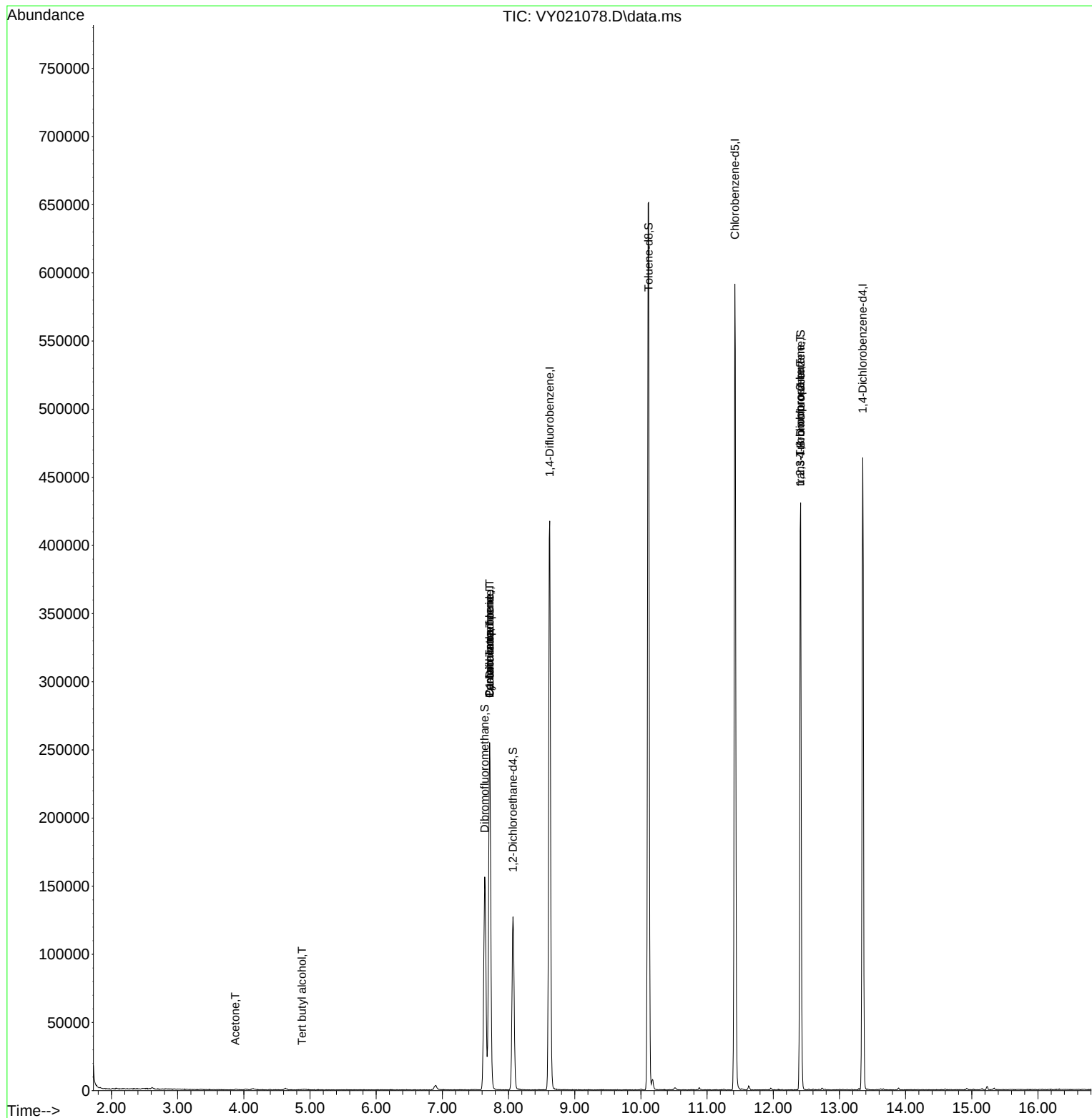
Internal Standards						
1) Pentafluorobenzene	7.713	168	194871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	351011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	306979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	112224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	102656	51.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.840%	
35) Dibromofluoromethane	7.640	113	109380	48.624	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.240%	
50) Toluene-d8	10.115	98	422842	49.374	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.414	95	123298	44.069	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	225	1.663	ug/l #	75
16) Acetone	3.873	43	461	1.481	ug/l #	41
31) Cyclohexane	7.713	56	4312	1.266	ug/l #	18
36) 1,1-Dichloropropene	7.713	75	15470	4.643	ug/l #	51
38) Carbon Tetrachloride	7.713	117	19814	5.089	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	68818	67.601	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	68818	137.937	ug/l #	12

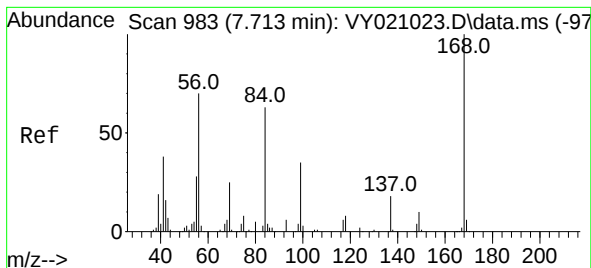
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY020525\
Data File : VY021078.D
Acq On : 05 Feb 2025 11:07
Operator : SY/MD
Sample : Q1284-02
Misc : 5.02g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Feb 06 00:34:46 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: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021078.D

Acq: 05 Feb 2025 11:07

Instrument :

MSVOA_Y

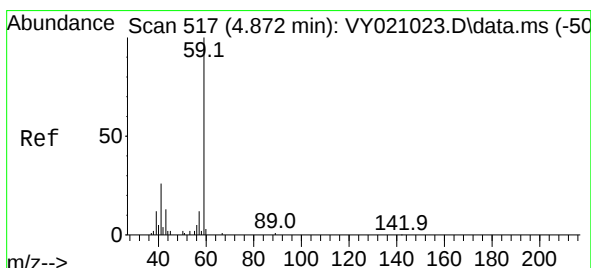
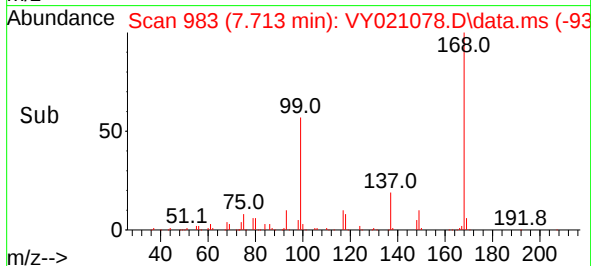
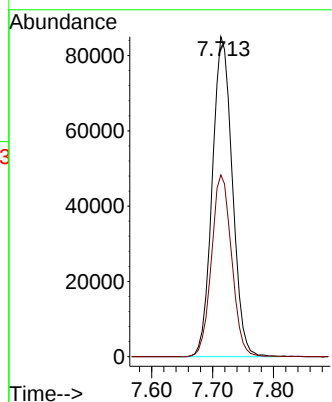
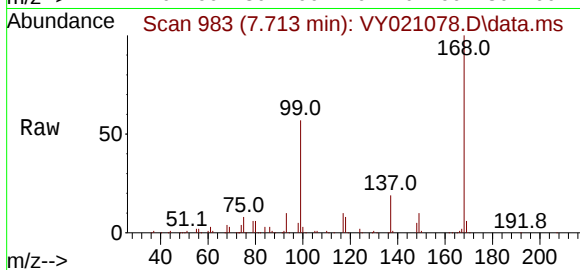
ClientSampleId :

Tgt Ion:168 Resp: 194871

Ion Ratio Lower Upper

168 100

99 56.8 44.2 66.4



#11

Tert butyl alcohol

Concen: 1.663 ug/l

RT: 4.878 min Scan# 518

Delta R.T. 0.006 min

Lab File: VY021078.D

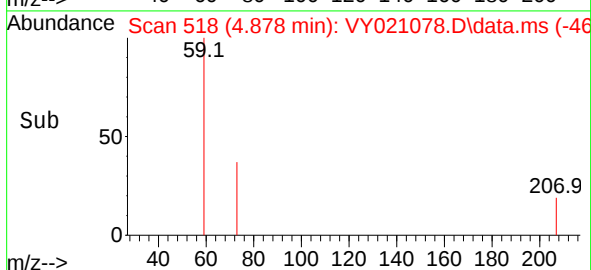
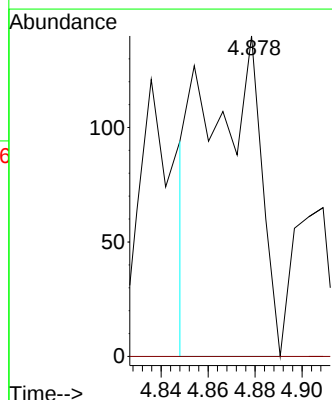
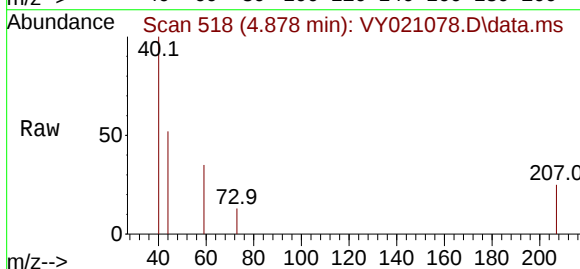
Acq: 05 Feb 2025 11:07

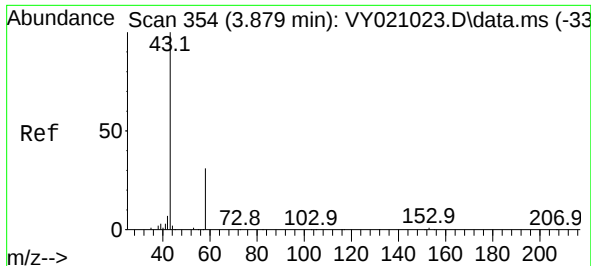
Tgt Ion: 59 Resp: 225

Ion Ratio Lower Upper

59 100

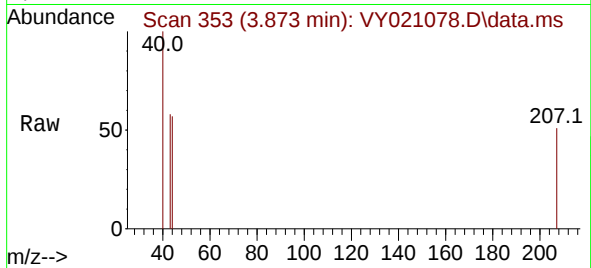
57 0.0 7.4 11.0#



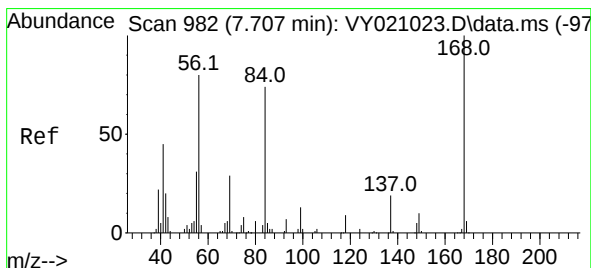
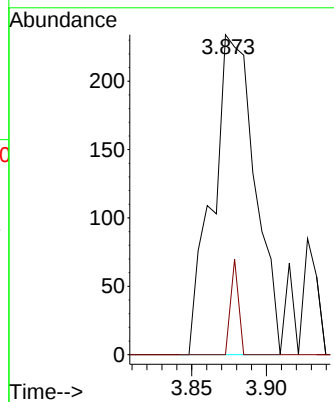
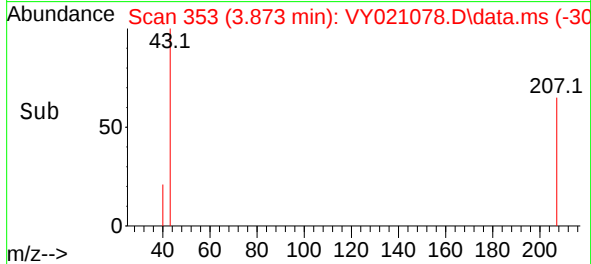


#16
Acetone
Concen: 1.481 ug/l
RT: 3.873 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY021078.D
Acq: 05 Feb 2025 11:07

Instrument :
MSVOA_Y
ClientSampleId :

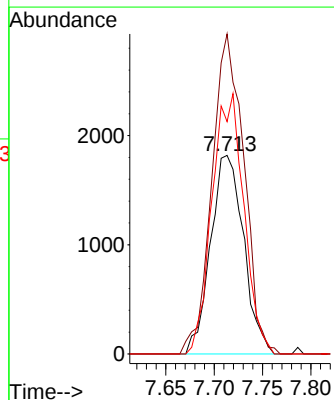
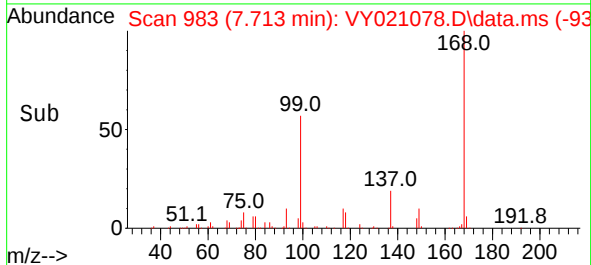
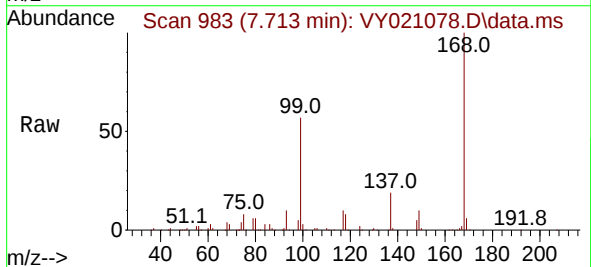


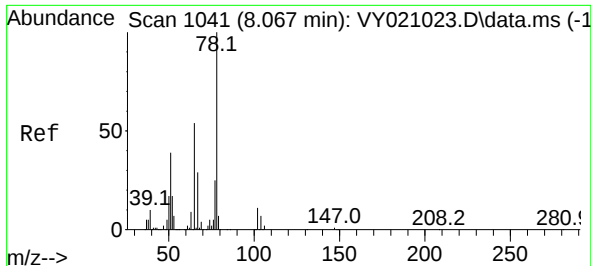
Tgt Ion: 43 Resp: 461
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021078.D
Acq: 05 Feb 2025 11:07

Tgt Ion: 56 Resp: 4312
Ion Ratio Lower Upper
56 100
69 161.2 27.0 40.6#
84 117.1 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 51.415 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021078.D

Acq: 05 Feb 2025 11:07

Instrument :

MSVOA_Y

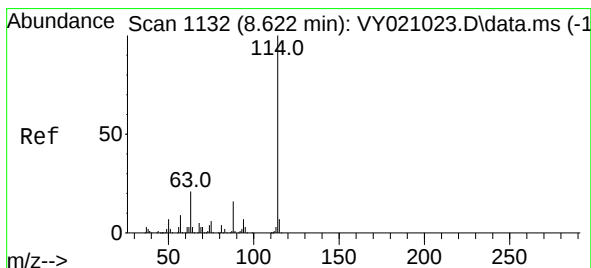
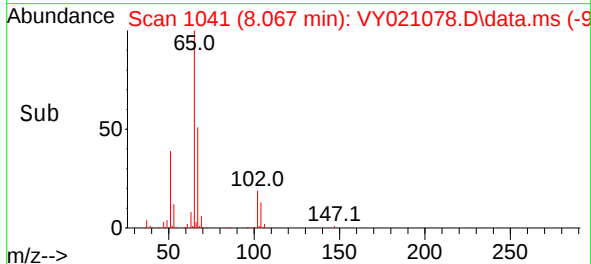
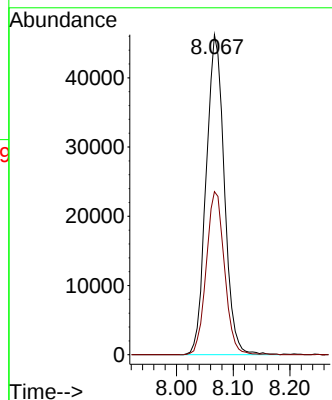
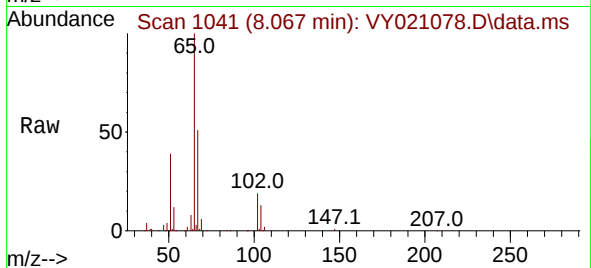
ClientSampleId :

Tgt Ion: 65 Resp: 102656

Ion Ratio Lower Upper

65 100

67 51.0 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: VY021078.D

Acq: 05 Feb 2025 11:07

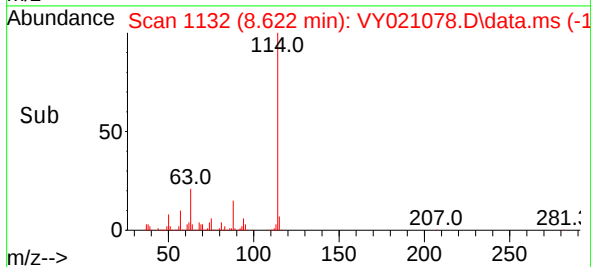
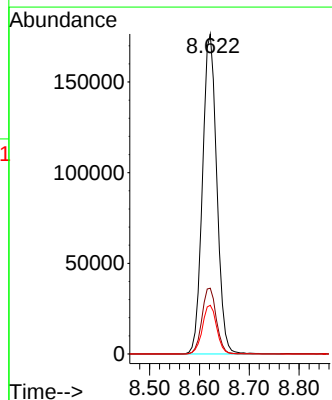
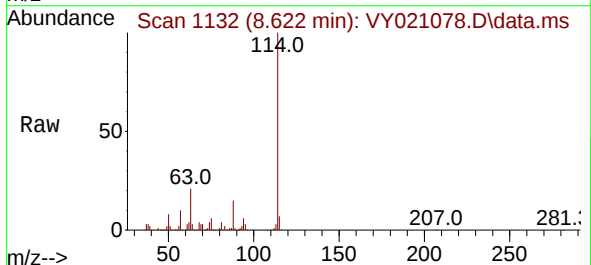
Tgt Ion:114 Resp: 351011

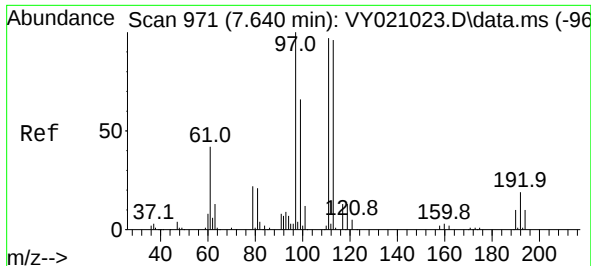
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.624 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY021078.D

Acq: 05 Feb 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

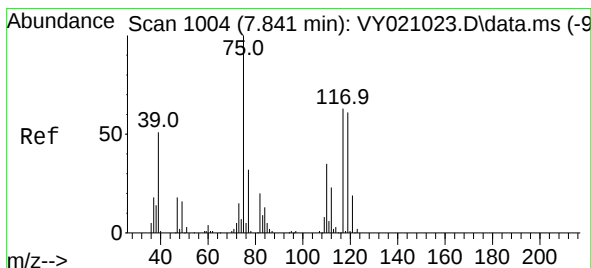
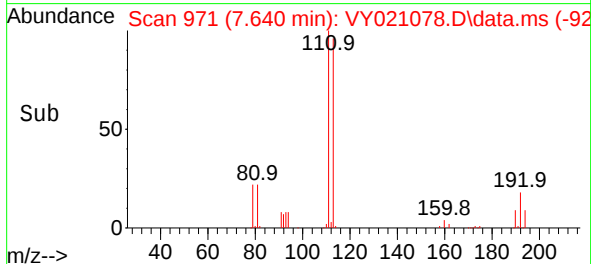
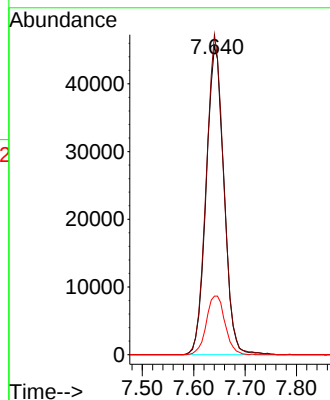
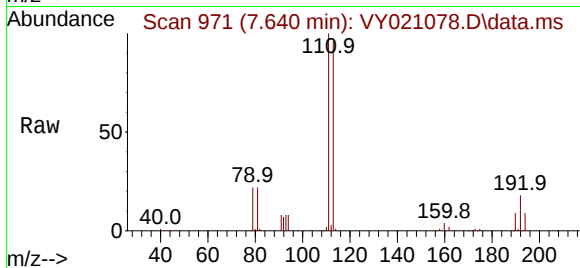
Tgt Ion:113 Resp: 109380

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 20.0 14.5 21.7



#36

1,1-Dichloropropene

Concen: 4.643 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.128 min

Lab File: VY021078.D

Acq: 05 Feb 2025 11:07

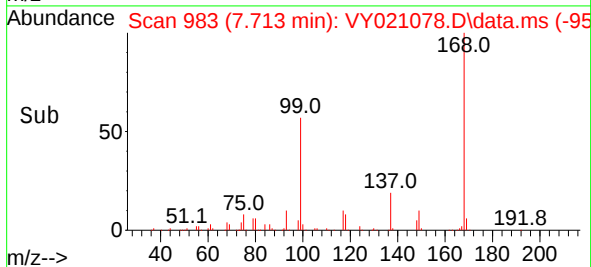
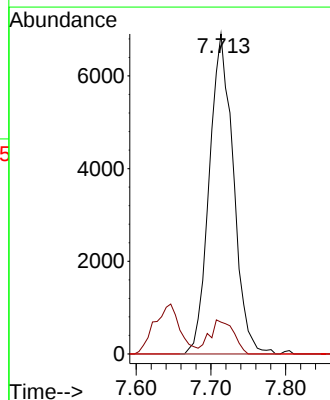
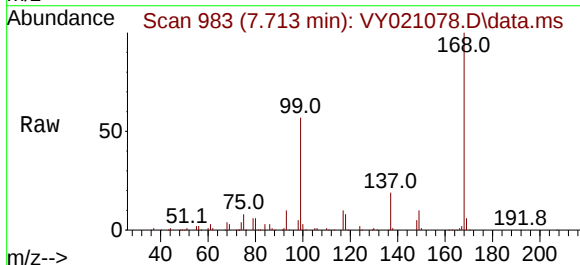
Tgt Ion: 75 Resp: 15470

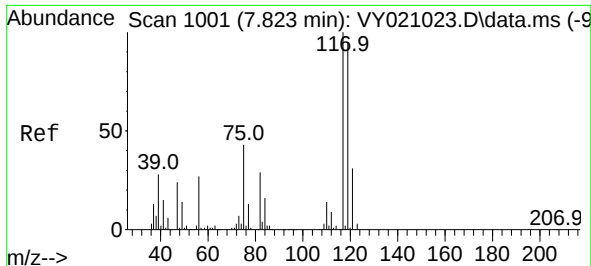
Ion Ratio Lower Upper

75 100

110 10.5 17.4 52.3#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.089 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.110 min

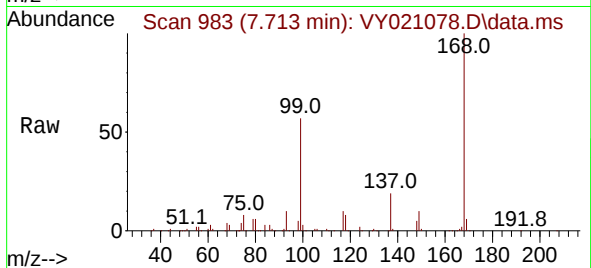
Lab File: VY021078.D

Acq: 05 Feb 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :



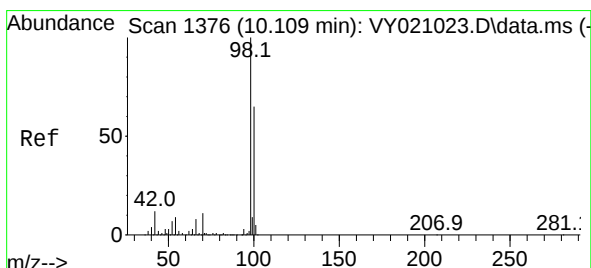
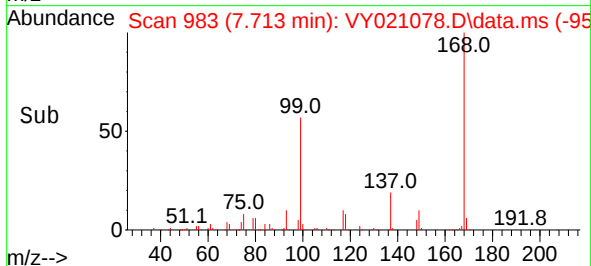
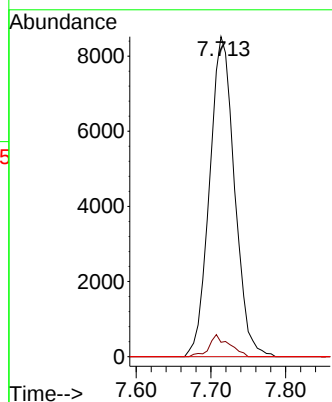
Tgt Ion:117 Resp: 19814

Ion Ratio Lower Upper

117 100

119 4.5 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.374 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021078.D

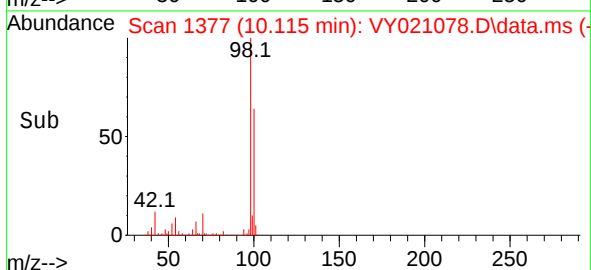
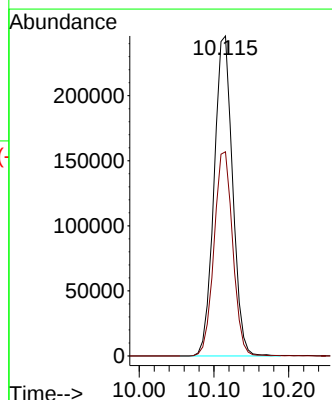
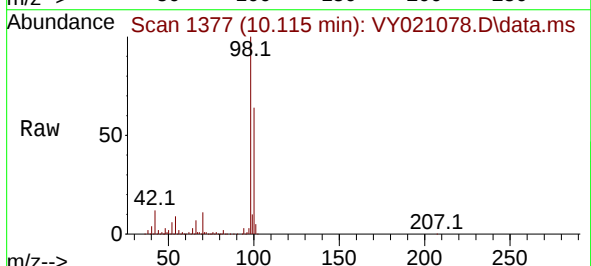
Acq: 05 Feb 2025 11:07

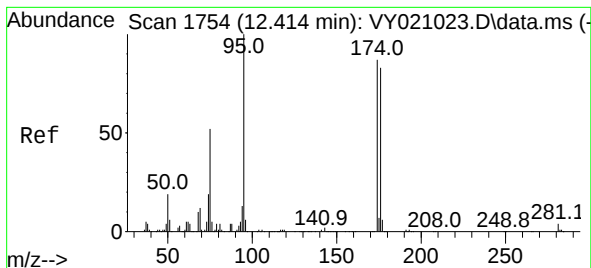
Tgt Ion: 98 Resp: 422842

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5

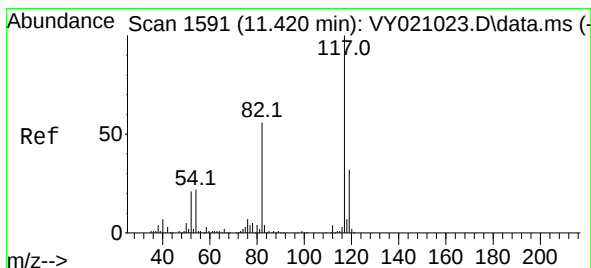
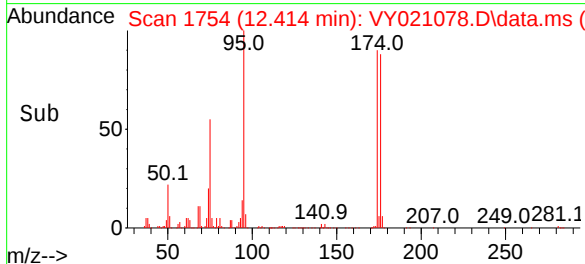
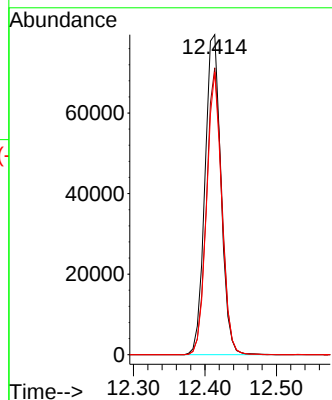
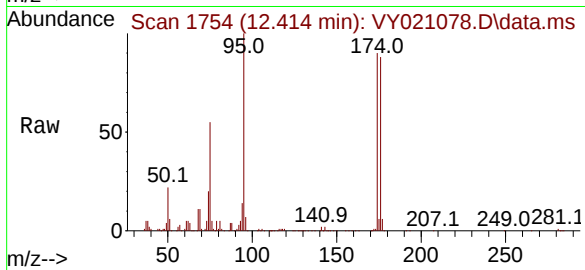




#62
4-Bromofluorobenzene
Concen: 44.069 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021078.D
Acq: 05 Feb 2025 11:07

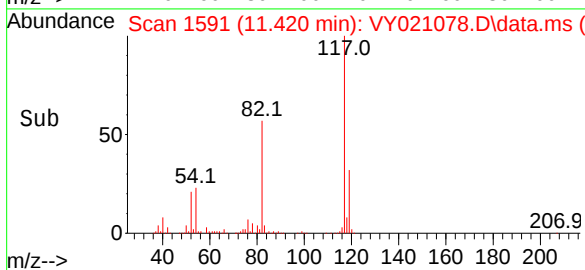
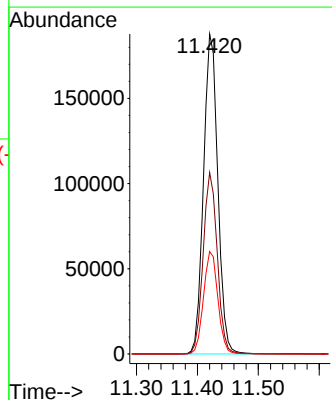
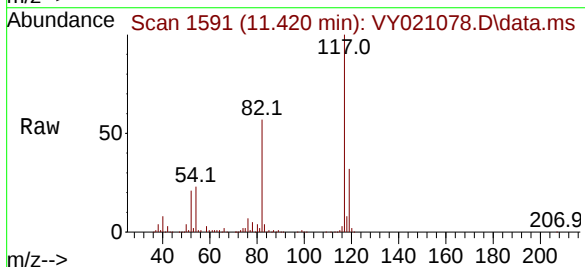
Instrument :
MSVOA_Y
ClientSampleId :

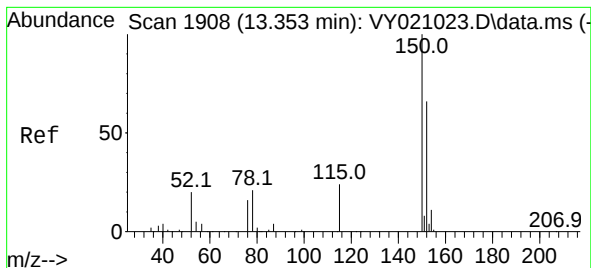
Tgt Ion: 95 Resp: 123298
Ion Ratio Lower Upper
95 100
174 86.3 0.0 160.0
176 83.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021078.D
Acq: 05 Feb 2025 11:07

Tgt Ion: 117 Resp: 306979
Ion Ratio Lower Upper
117 100
82 56.7 43.8 65.8
119 32.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1

Delta R.T. -0.000 min

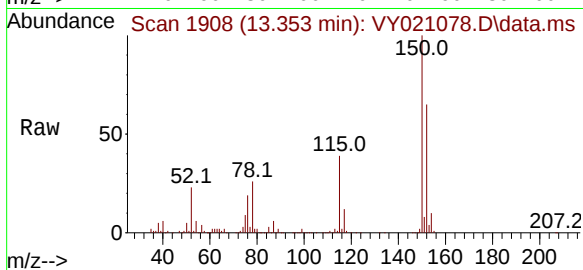
Lab File: VY021078.D

Acq: 05 Feb 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :



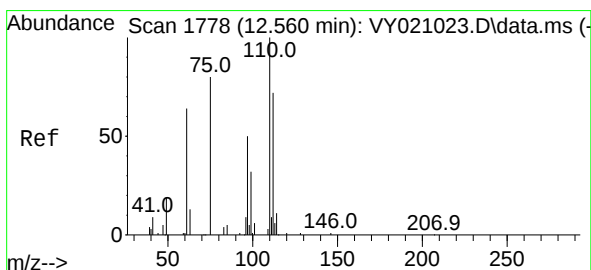
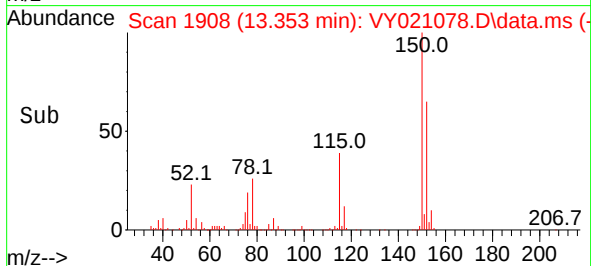
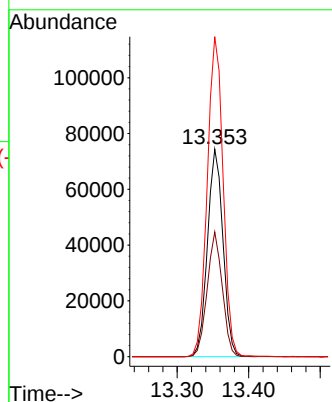
Tgt Ion:152 Resp: 112224

Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.0

150 157.0 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 67.601 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY021078.D

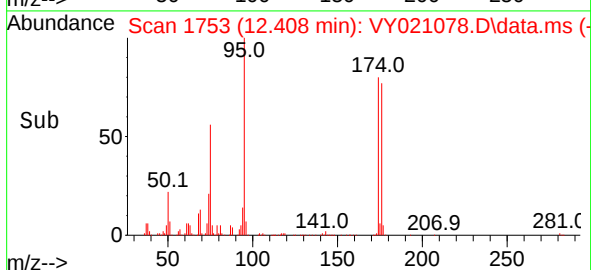
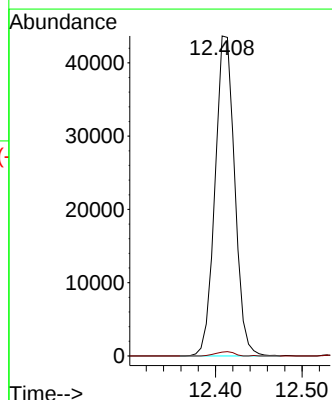
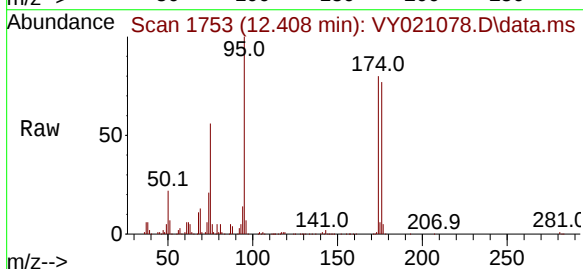
Acq: 05 Feb 2025 11:07

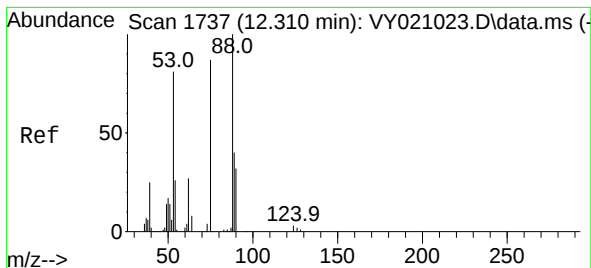
Tgt Ion: 75 Resp: 68818

Ion Ratio Lower Upper

75 100

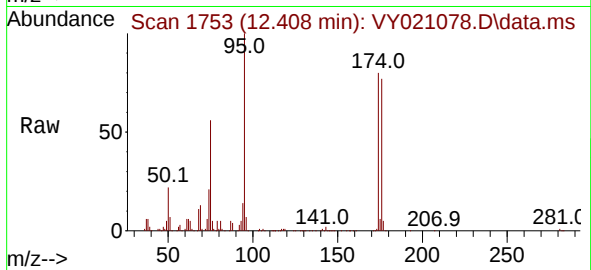
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.937 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY021078.D
 Acq: 05 Feb 2025 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 68818
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

