

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021087.D
 Acq On : 05 Feb 2025 14:38
 Operator : SY/MD
 Sample : Q1289-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 06 00:35:42 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)

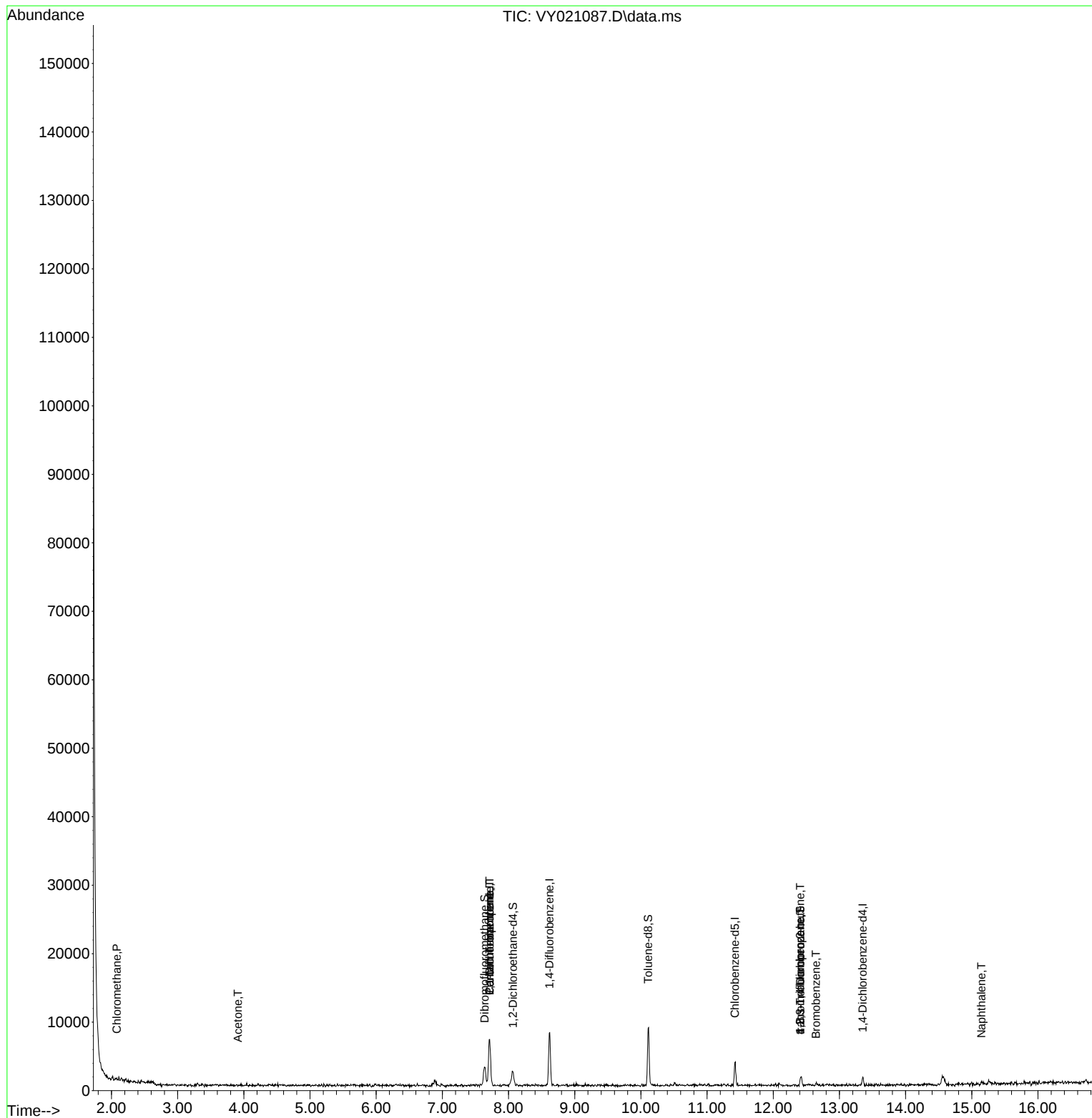
Internal Standards						
1) Pentafluorobenzene	7.713	168	6211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	6836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2259	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1552	24.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	48.780%#
35) Dibromofluoromethane	7.640	113	2301	52.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.040%
50) Toluene-d8	10.109	98	5963	35.752	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.500%
62) 4-Bromofluorobenzene	12.408	95	436	8.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	16.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.080	50	56	1.025	ug/l	# 41
16) Acetone	3.909	43	23	2.318	ug/l	# 41
36) 1,1-Dichloropropene	7.713	75	531	8.183	ug/l	# 42
38) Carbon Tetrachloride	7.713	117	438	5.777	ug/l	# 12
76) 1,2,3-Trichloropropane	12.408	75	265	73.958	ug/l	# 100
77) Bromobenzene	12.646	156	258	36.234	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.408	75	265	150.909	ug/l	# 12
95) Naphthalene	15.145	128	349	32.842	ug/l	# 69

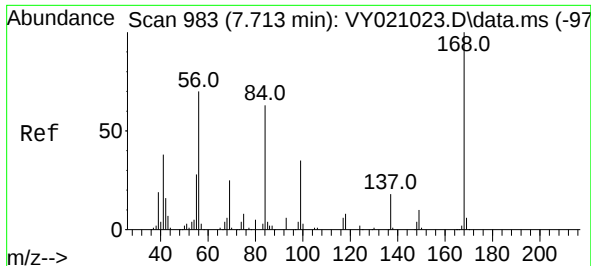
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY020525\
Data File : VY021087.D
Acq On : 05 Feb 2025 14:38
Operator : SY/MD
Sample : Q1289-02
Misc : 5.05g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Feb 06 00:35:42 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

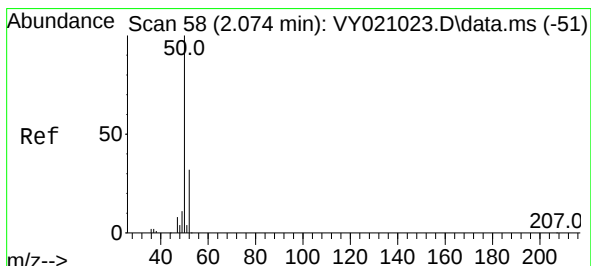
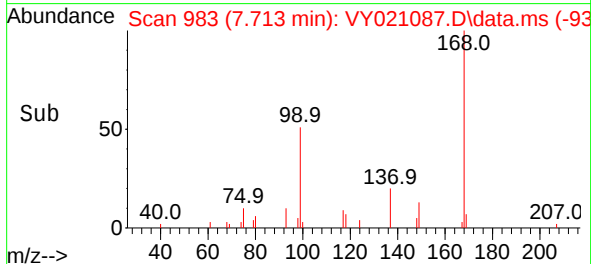
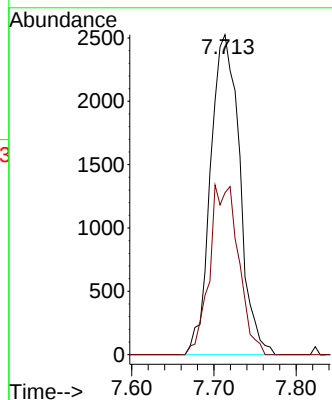
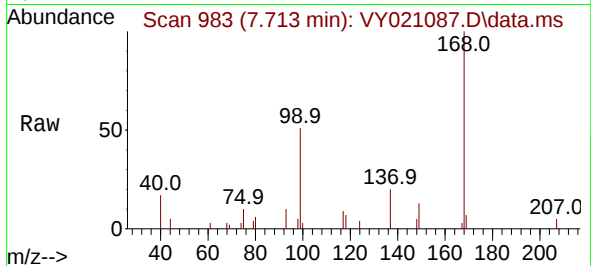




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

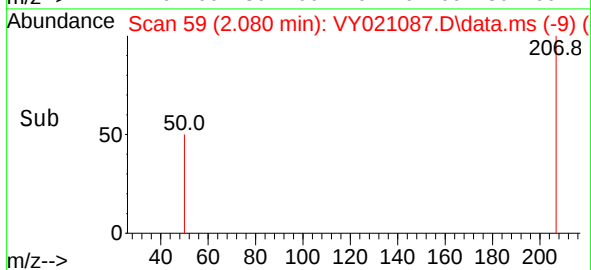
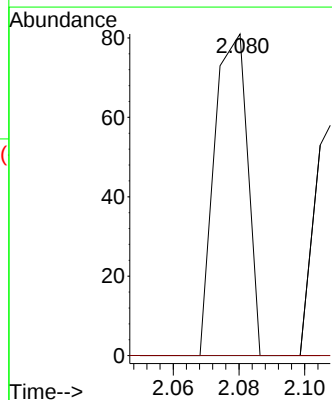
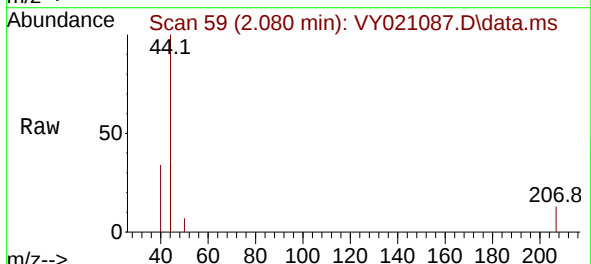
Instrument :
MSVOA_Y
ClientSampleId :

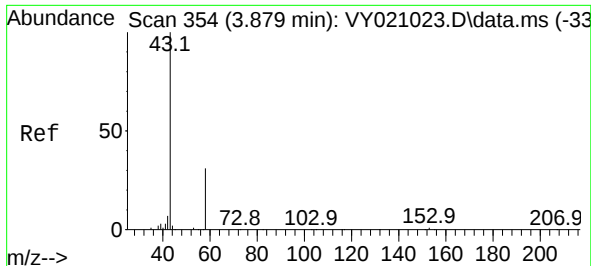
Tgt Ion:168 Resp: 6211
Ion Ratio Lower Upper
168 100
99 50.6 44.2 66.4



#3
Chloromethane
Concen: 1.025 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

Tgt Ion: 50 Resp: 56
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#

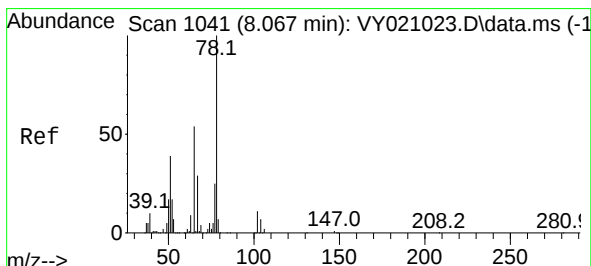
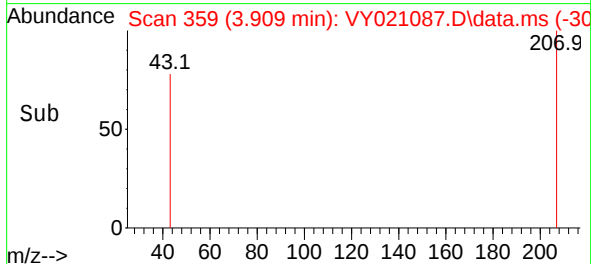
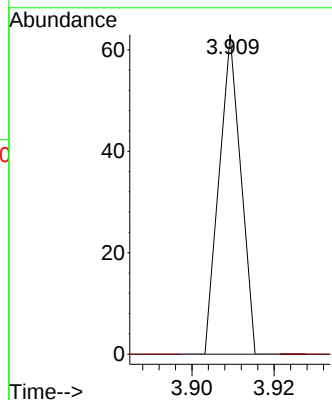
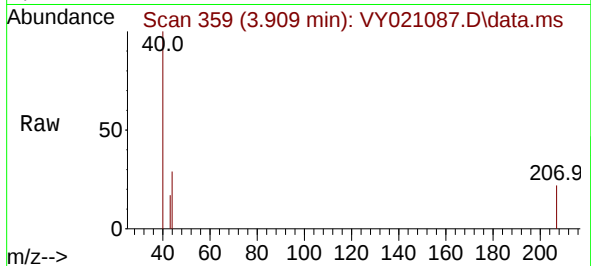




#16
Acetone
Concen: 2.318 ug/l
RT: 3.909 min Scan# 354
Delta R.T. 0.030 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

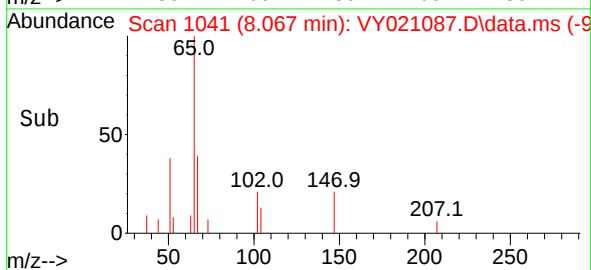
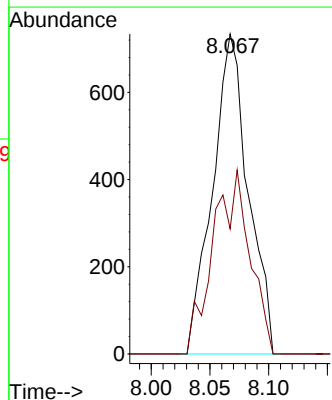
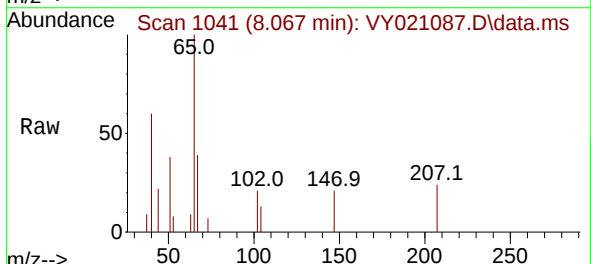
Instrument :
MSVOA_Y
ClientSampleId :

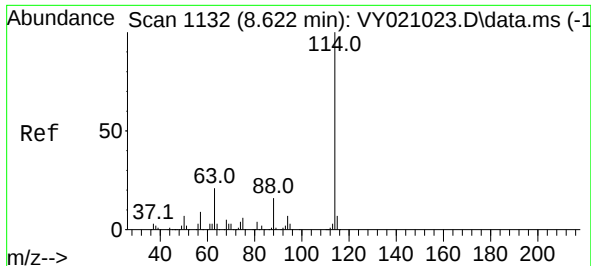
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#33
1,2-Dichloroethane-d4
Concen: 24.388 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

Tgt Ion: 65 Resp: 1552
Ion Ratio Lower Upper
65 100
67 59.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021087.D

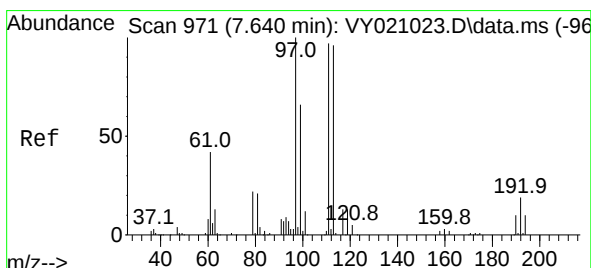
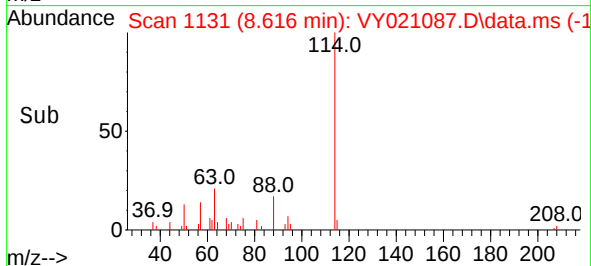
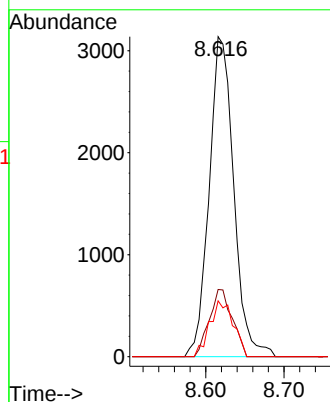
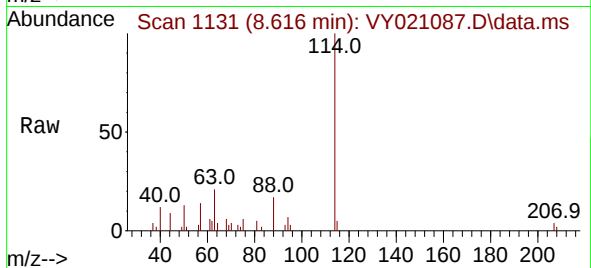
Acq: 05 Feb 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	6836
Ion	Ratio	Lower Upper
114	100	
63	21.0	0.0 37.4
88	17.5	0.0 29.0



#35

Dibromofluoromethane

Concen: 52.523 ug/l

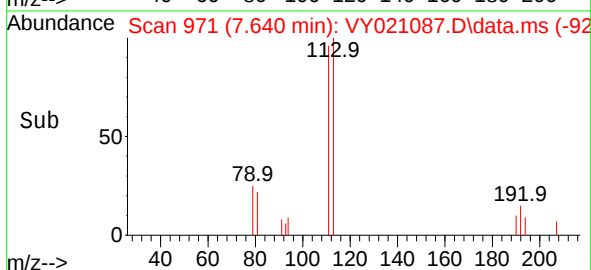
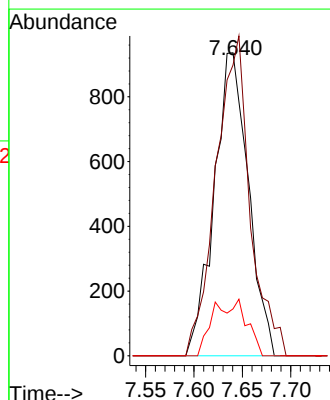
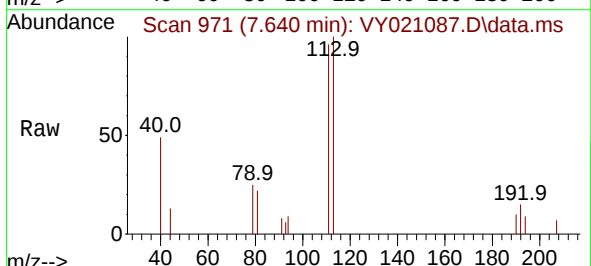
RT: 7.640 min Scan# 971

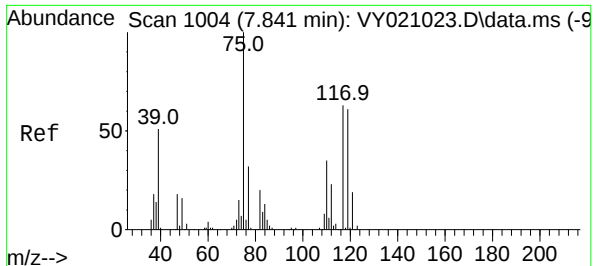
Delta R.T. 0.000 min

Lab File: VY021087.D

Acq: 05 Feb 2025 14:38

Tgt Ion:113	Resp:	2301
Ion	Ratio	Lower Upper
113	100	
111	105.2	83.8 125.6
192	0.0	14.5 21.7#

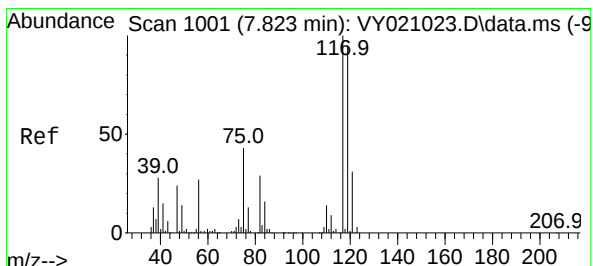
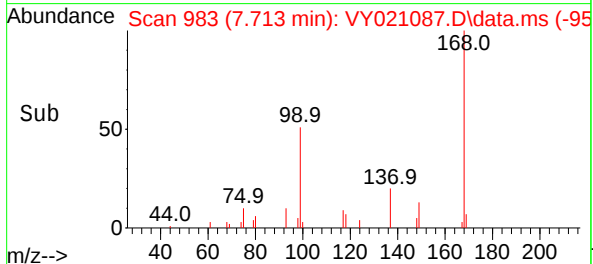
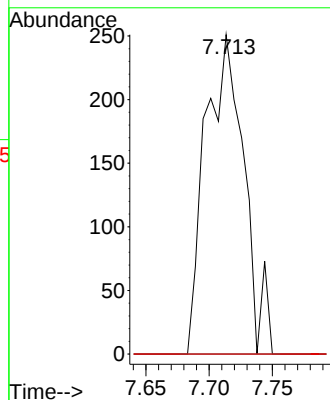
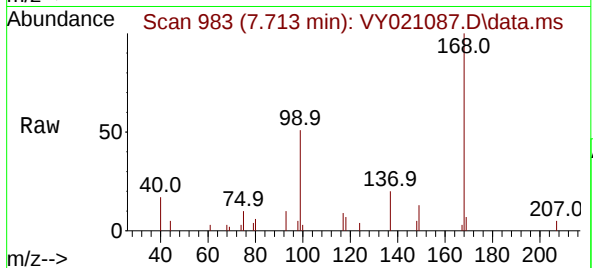




#36
1,1-Dichloropropene
Concen: 8.183 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

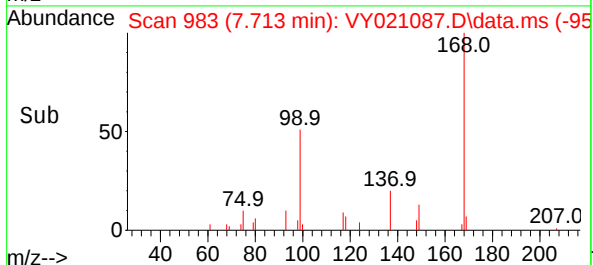
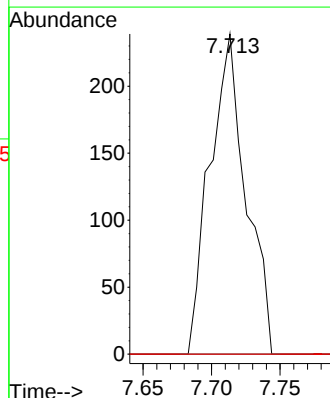
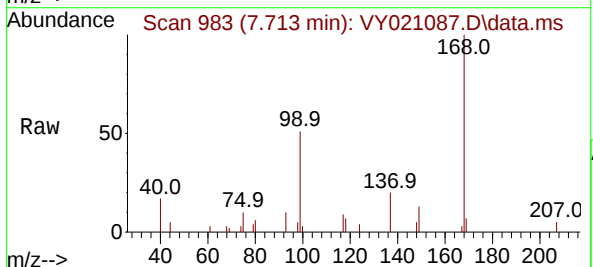
Instrument :
MSVOA_Y
ClientSampleId :

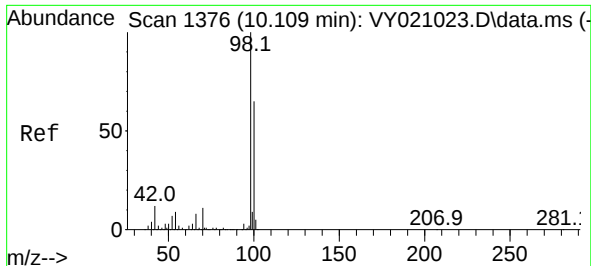
Tgt Ion: 75 Resp: 531
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

Tgt Ion: 117 Resp: 438
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 35.752 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021087.D

Acq: 05 Feb 2025 14:38

Instrument :

MSVOA_Y

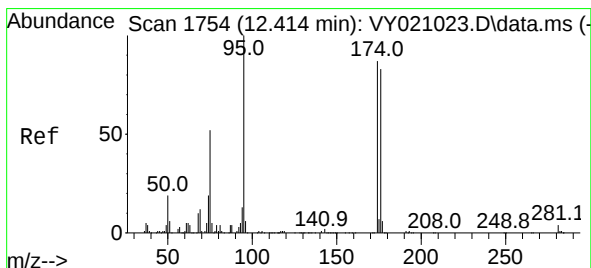
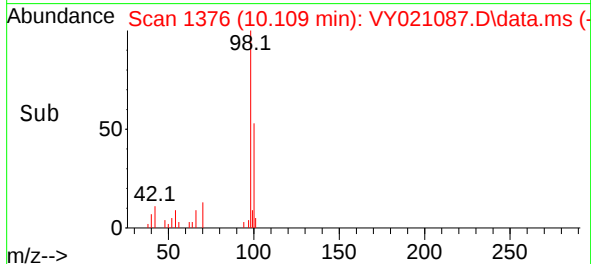
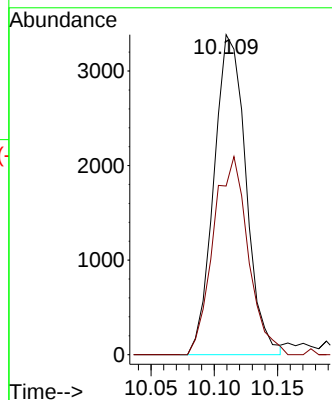
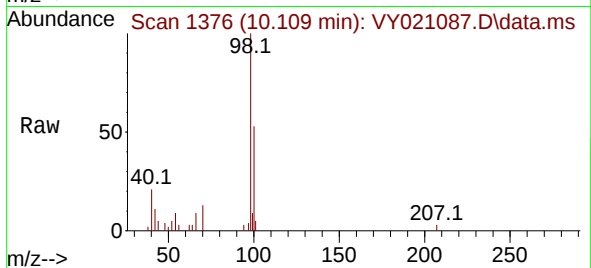
ClientSampleId :

Tgt Ion: 98 Resp: 5963

Ion Ratio Lower Upper

98 100

100 67.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 8.002 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY021087.D

Acq: 05 Feb 2025 14:38

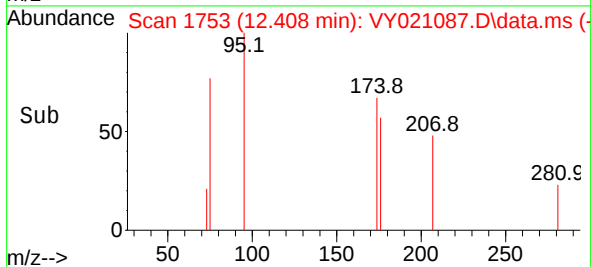
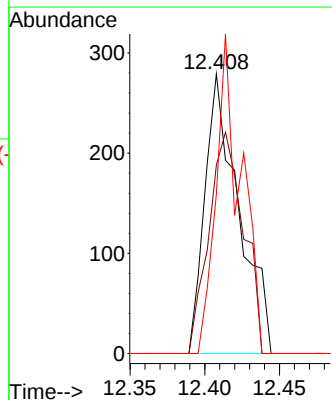
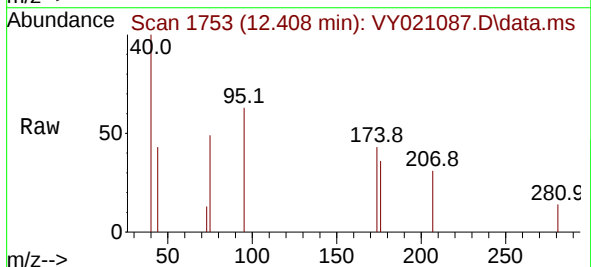
Tgt Ion: 95 Resp: 436

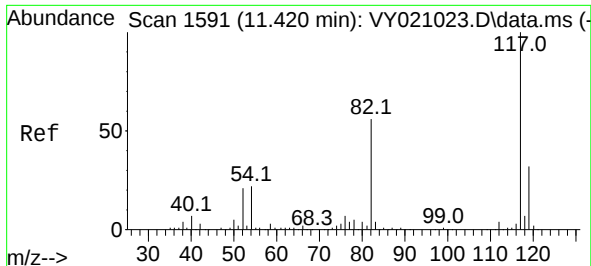
Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.0

176 84.4 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: VY021087.D

Acq: 05 Feb 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

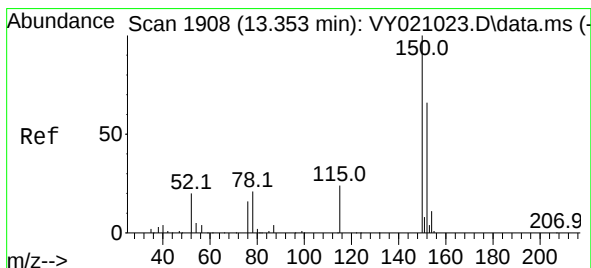
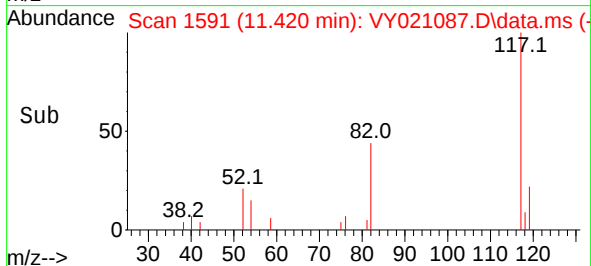
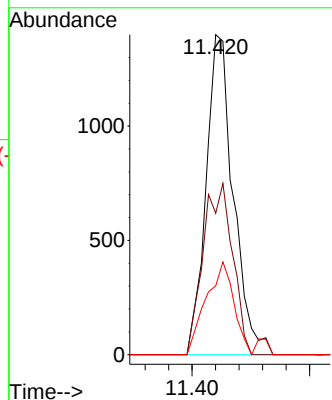
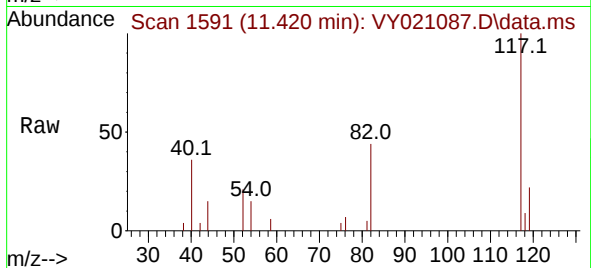
Tgt Ion:117 Resp: 2259

Ion Ratio Lower Upper

117 100

82 44.2 43.8 65.8

119 21.5 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: VY021087.D

Acq: 05 Feb 2025 14:38

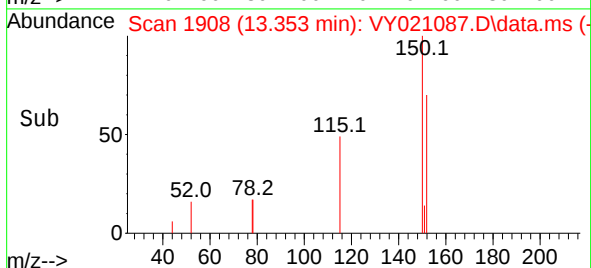
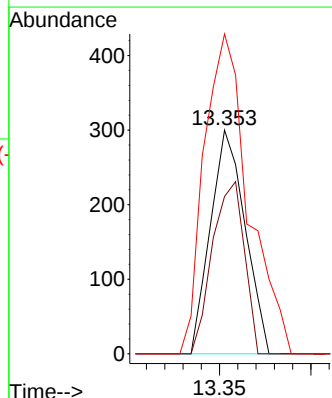
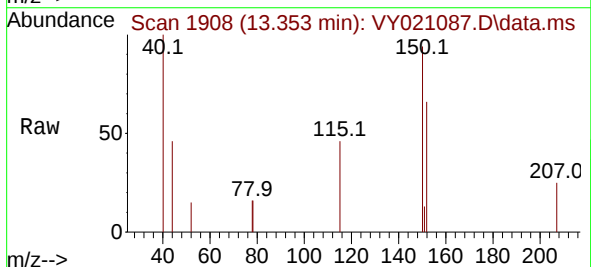
Tgt Ion:152 Resp: 395

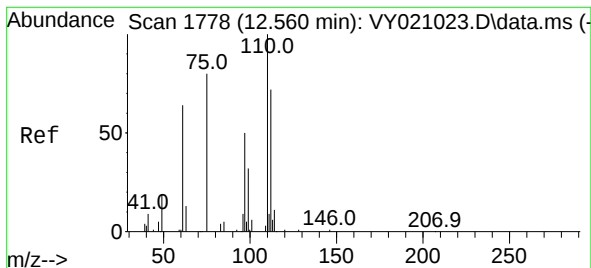
Ion Ratio Lower Upper

152 100

115 70.9 30.0 90.0

150 183.0 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 73.958 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY021087.D

Acq: 05 Feb 2025 14:38

Instrument :

MSVOA_Y

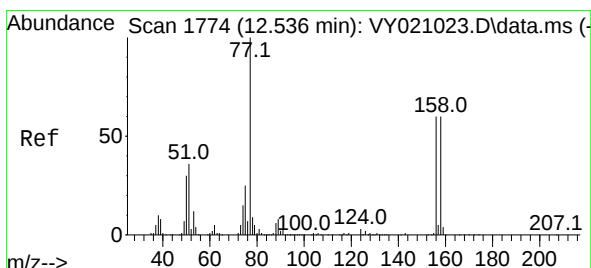
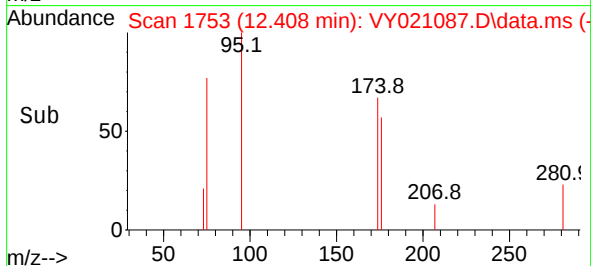
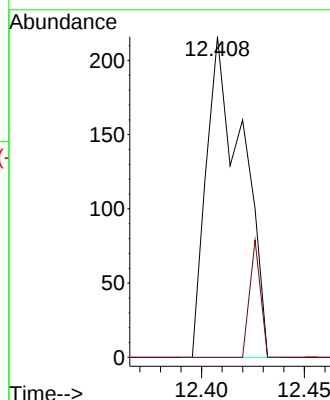
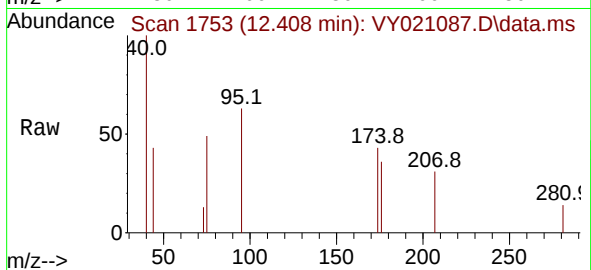
ClientSampleId :

Tgt Ion: 75 Resp: 265

Ion Ratio Lower Upper

75 100

77 10.9 0.0 0.0#



#77

Bromobenzene

Concen: 36.234 ug/l

RT: 12.646 min Scan# 1792

Delta R.T. 0.110 min

Lab File: VY021087.D

Acq: 05 Feb 2025 14:38

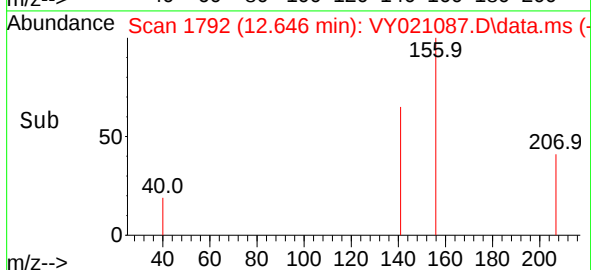
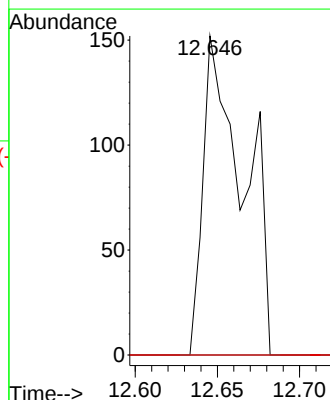
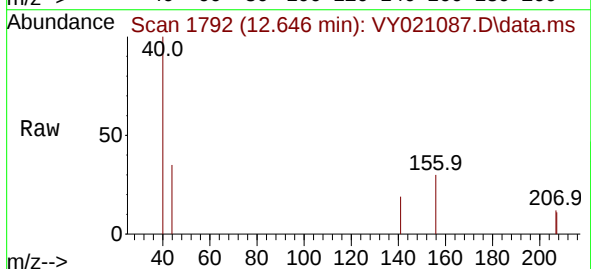
Tgt Ion: 156 Resp: 258

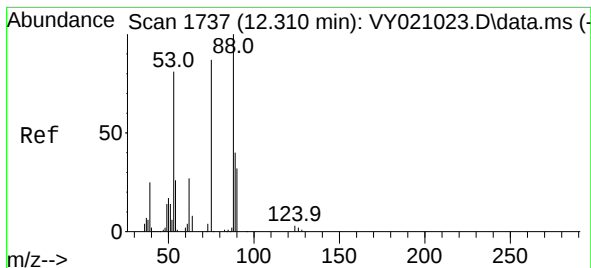
Ion Ratio Lower Upper

156 100

77 0.0 97.3 291.8#

158 0.0 48.4 145.0#

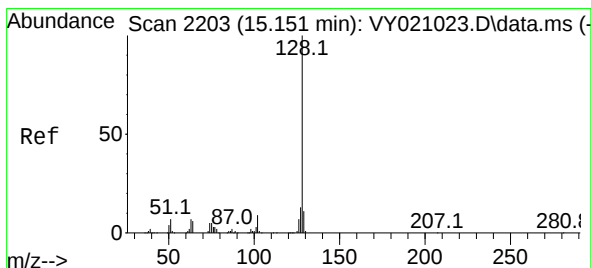
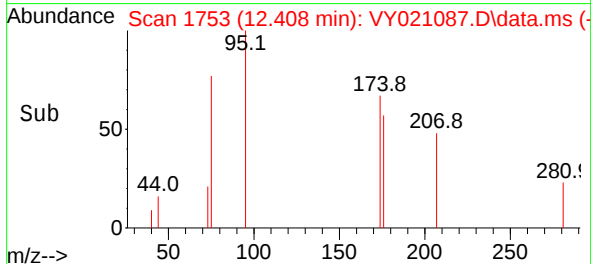
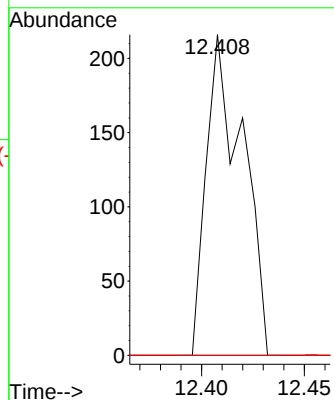
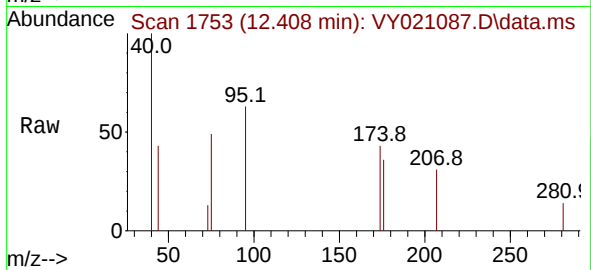




#81
trans-1,4-Dichloro-2-butene
Concen: 150.909 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 265
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 32.842 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021087.D
Acq: 05 Feb 2025 14:38

Tgt Ion: 128 Resp: 349
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

