

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017072.D
 Acq On : 22 Jan 2024 13:55
 Operator : SY/MD
 Sample : P1188-01
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:45:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

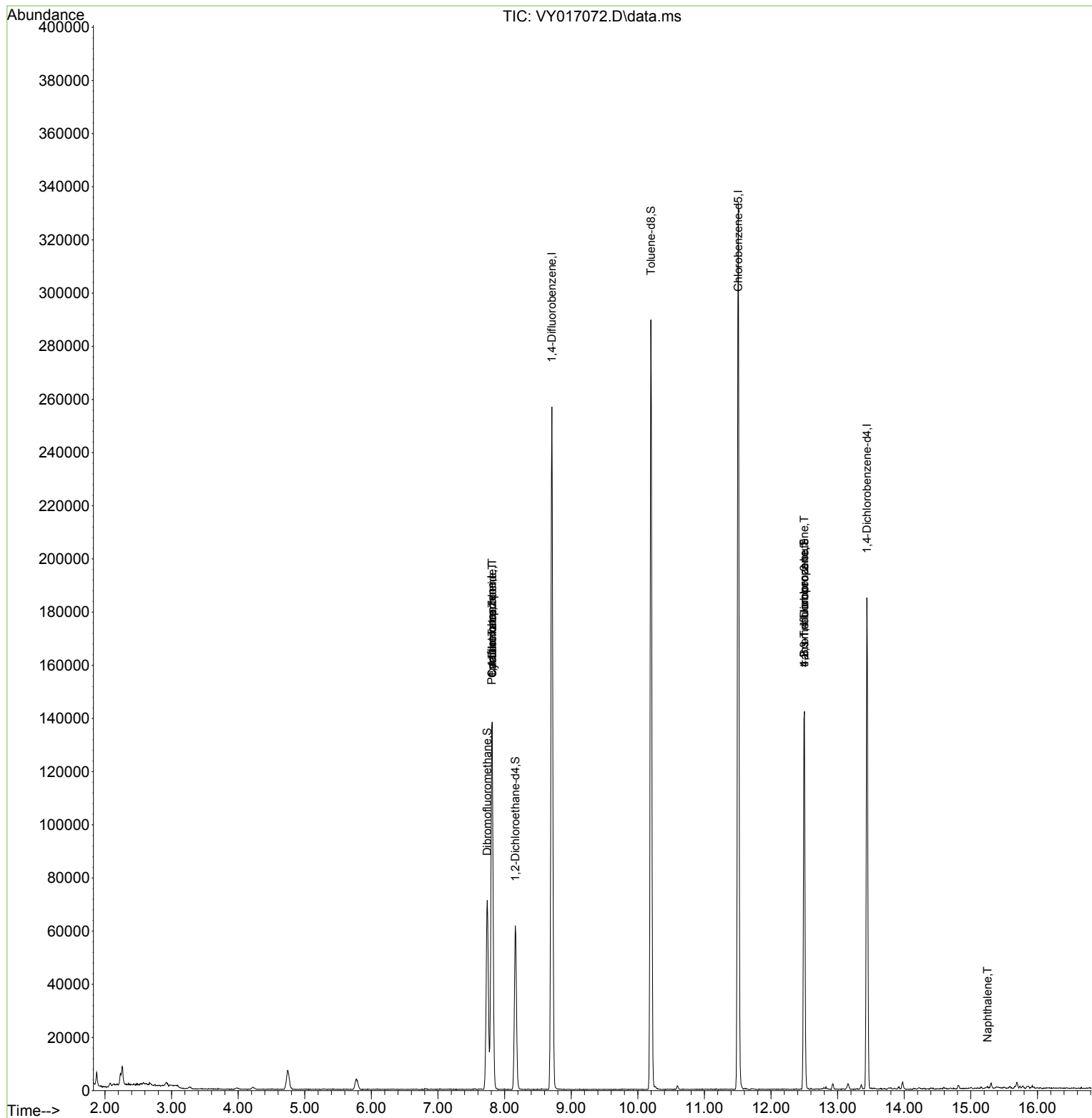
Internal Standards						
1) Pentafluorobenzene	7.807	168	105259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	219259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	181377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	46310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	46744	44.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.860%
35) Dibromofluoromethane	7.740	113	51022	36.517	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.040%
50) Toluene-d8	10.197	98	186365	38.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.480%
62) 4-Bromofluorobenzene	12.501	95	44197	27.227	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.460%
Target Compounds						
					Qvalue	
16) Acetone	3.985	43	927	Below Cal		97
20) Methylene Chloride	4.741	84	5325	Below Cal		95
31) Cyclohexane	7.813	56	2426	1.359 ug/l	#	1
36) 1,1-Dichloropropene	7.813	75	8622	4.234 ug/l	#	49
38) Carbon Tetrachloride	7.813	117	10607	5.127 ug/l	#	16
76) 1,2,3-Trichloropropane	12.501	75	23541	46.843 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.501	75	23541	106.369 ug/l	#	12
95) Naphthalene	15.251	128	715	1.144 ug/l	#	81

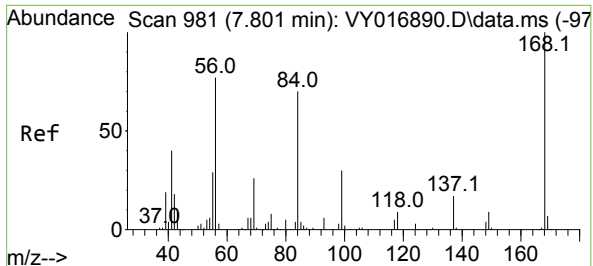
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
Data File : VY017072.D
Acq On : 22 Jan 2024 13:55
Operator : SY/MD
Sample : P1188-01
Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 23 01:45:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

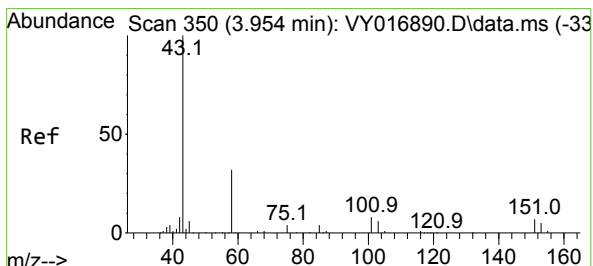
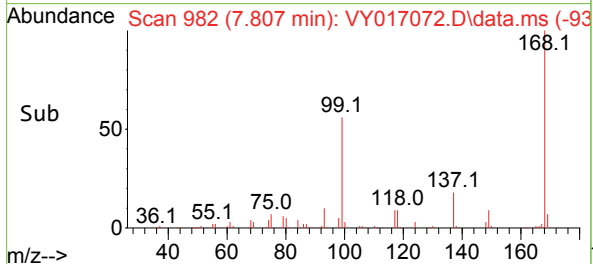
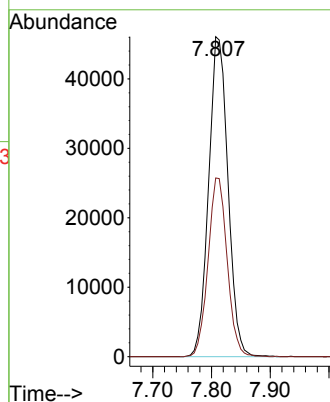
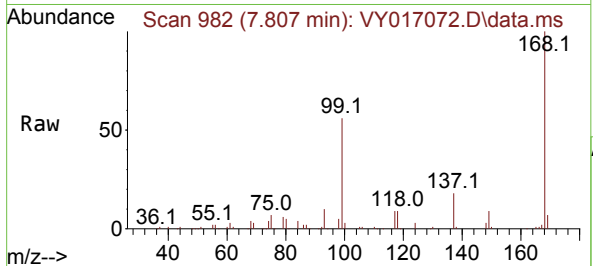




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017072.D
Acq: 22 Jan 2024 13:55

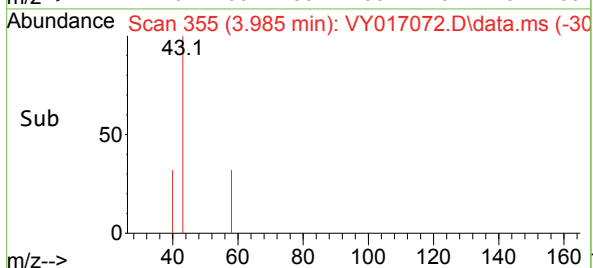
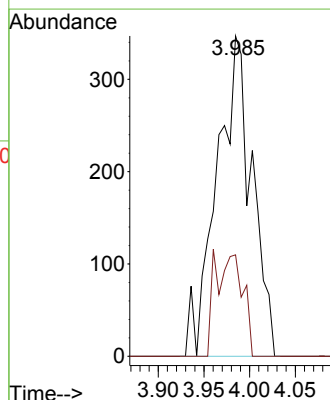
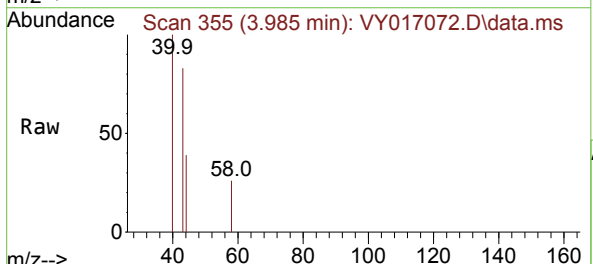
Instrument :
MSVOA_Y
ClientSampleId :

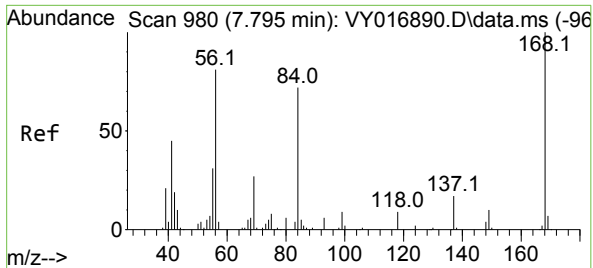
Tgt Ion:168 Resp: 105259
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.985 min Scan# 355
Delta R.T. 0.025 min
Lab File: VY017072.D
Acq: 22 Jan 2024 13:55

Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 31.7 26.6 39.8

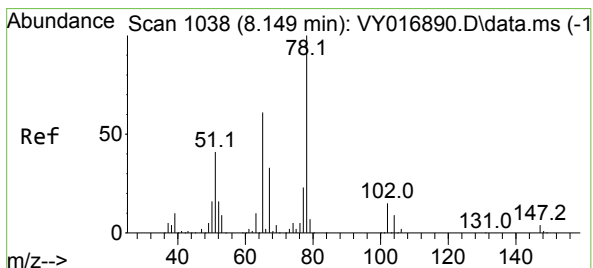
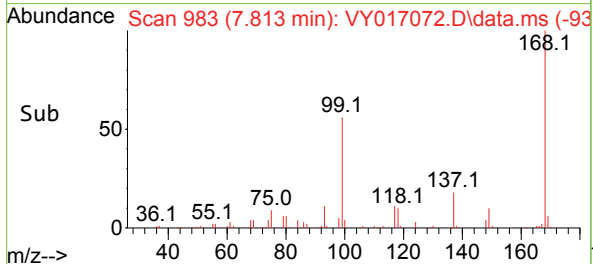
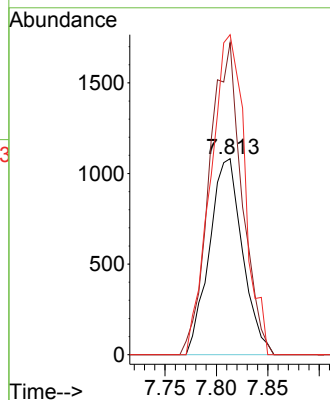
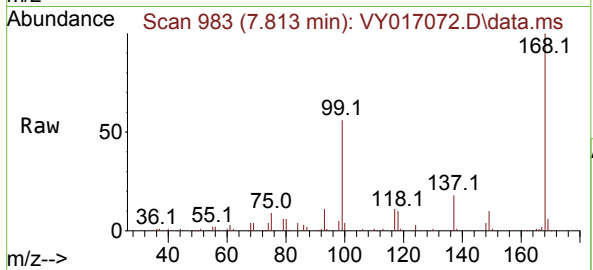




#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017072.D
Acq: 22 Jan 2024 13:55

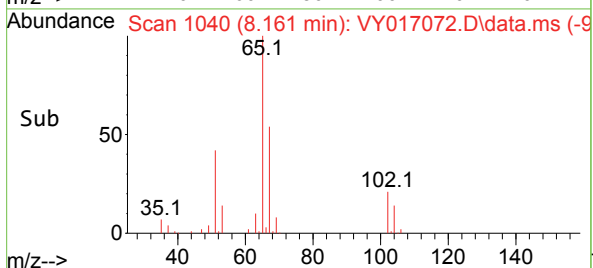
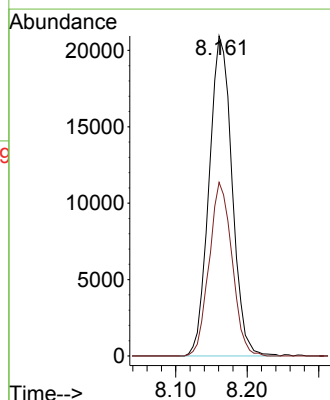
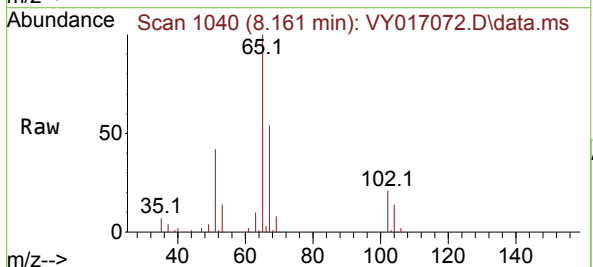
Instrument :
MSVOA_Y
ClientSampleId :

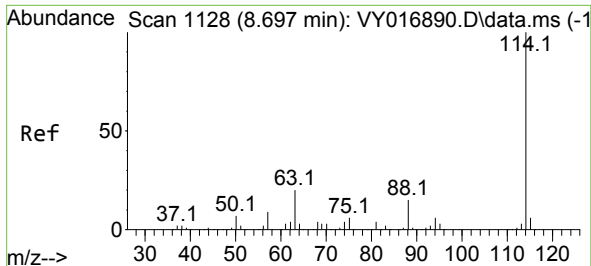
Tgt Ion: 56 Resp: 2426
Ion Ratio Lower Upper
56 100
69 159.2 27.0 40.6#
84 163.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 44.932 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017072.D
Acq: 22 Jan 2024 13:55

Tgt Ion: 65 Resp: 46744
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

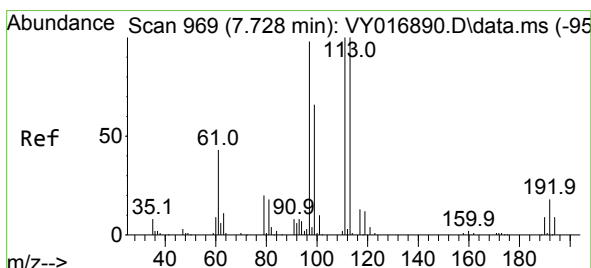
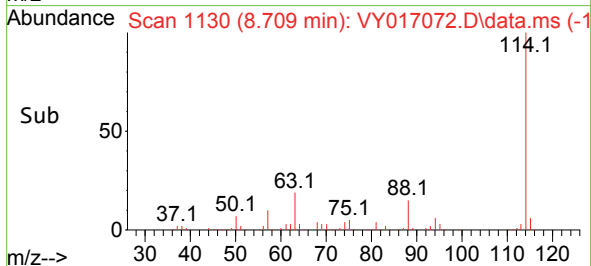
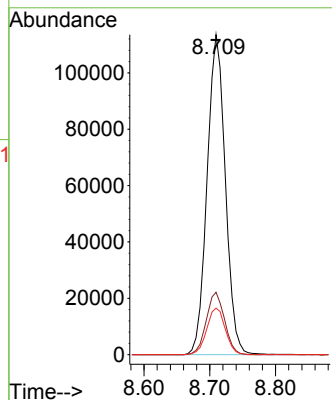
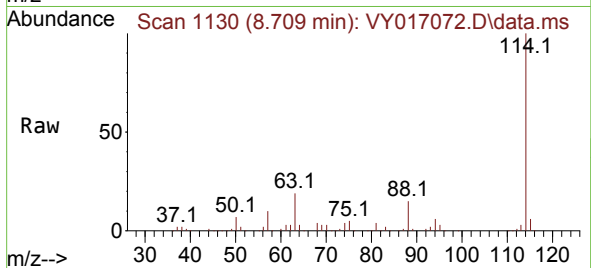
Tgt Ion:114 Resp: 219259

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.517 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

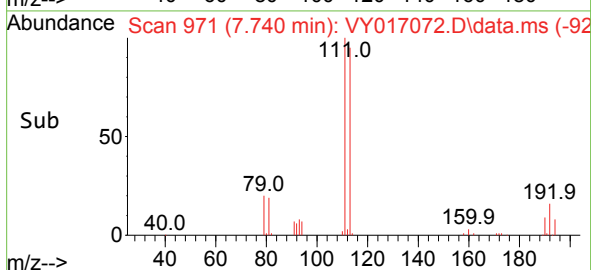
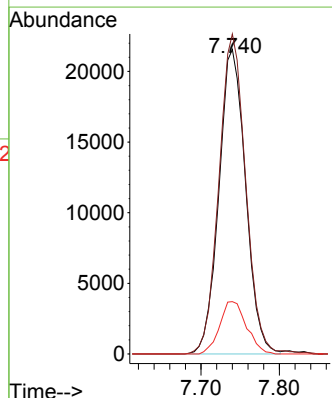
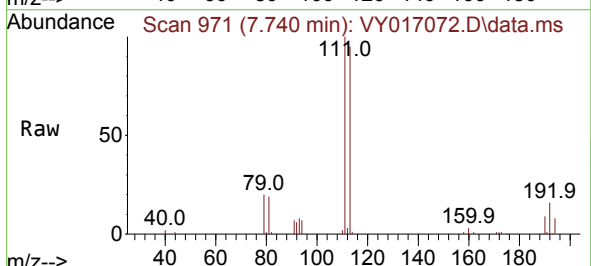
Tgt Ion:113 Resp: 51022

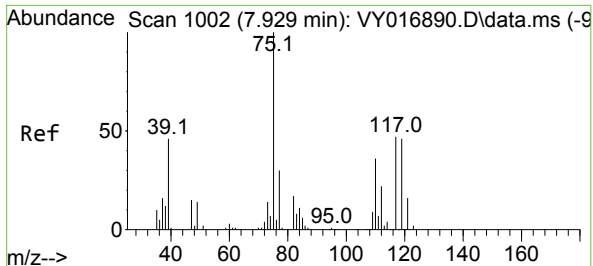
Ion Ratio Lower Upper

113 100

111 105.3 83.8 125.6

192 17.3 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.234 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.116 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

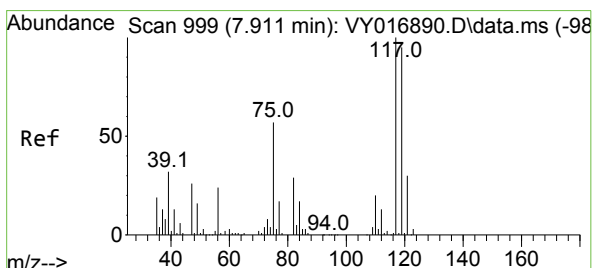
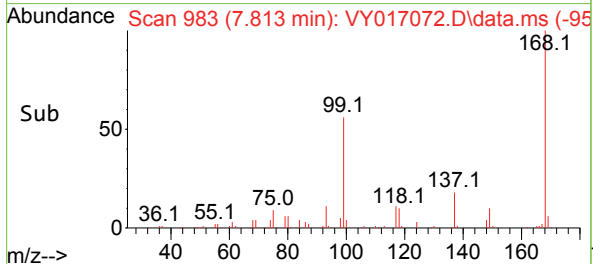
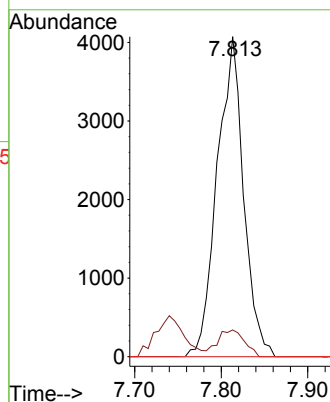
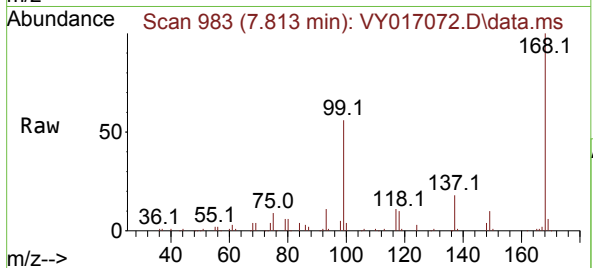
Tgt Ion: 75 Resp: 8622

Ion Ratio Lower Upper

75 100

110 8.4 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.127 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

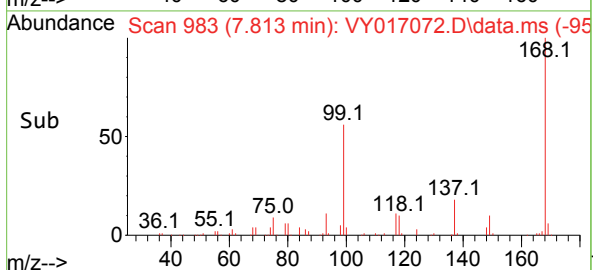
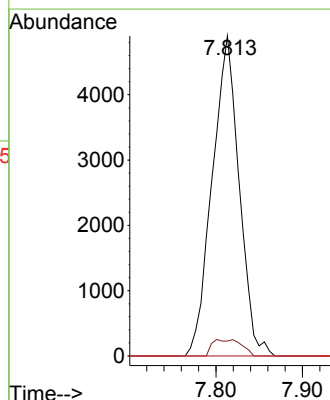
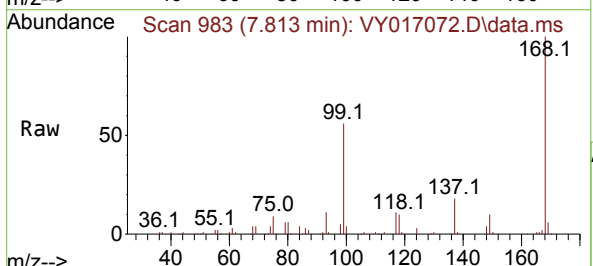
Tgt Ion: 117 Resp: 10607

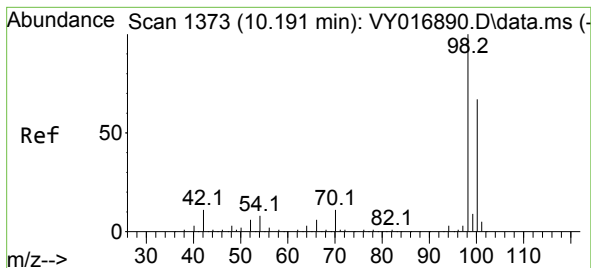
Ion Ratio Lower Upper

117 100

119 4.7 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 38.735 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

Instrument :

MSVOA_Y

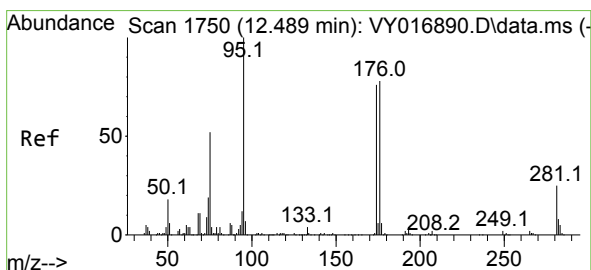
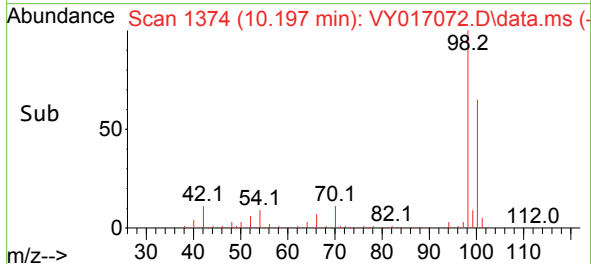
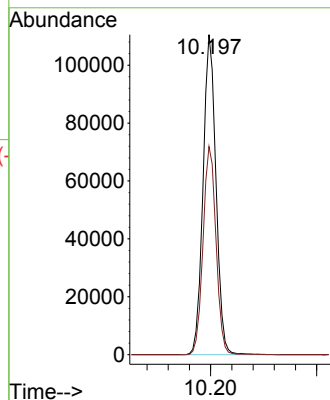
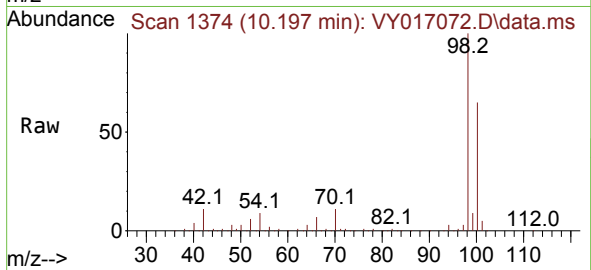
ClientSampleId :

Tgt Ion: 98 Resp: 186365

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 27.227 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

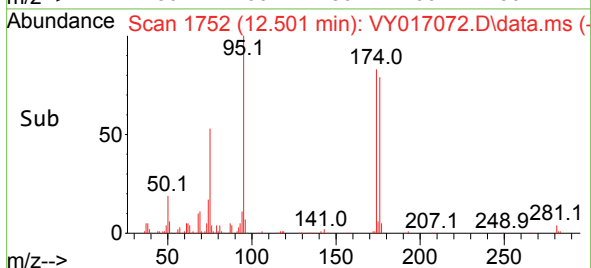
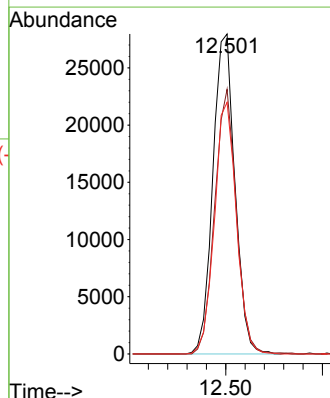
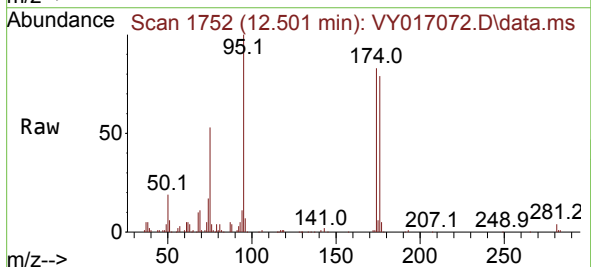
Tgt Ion: 95 Resp: 44197

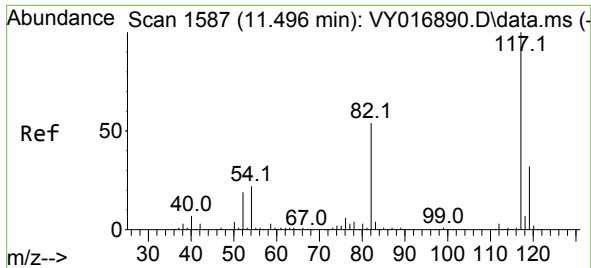
Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.0

176 78.3 0.0 151.8

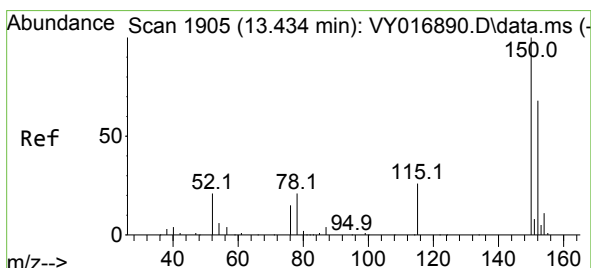
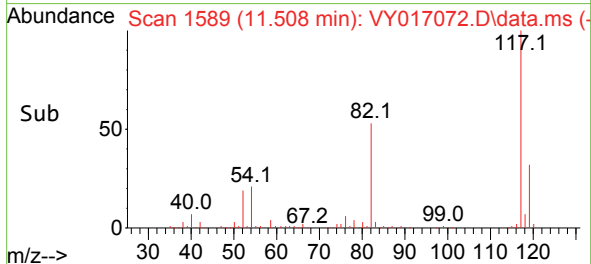
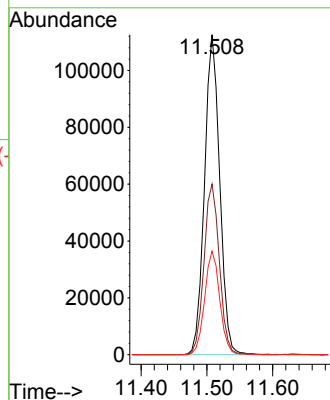
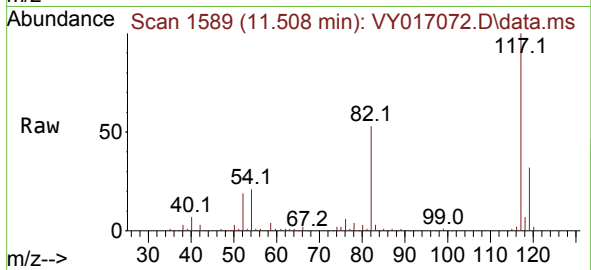




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017072.D
Acq: 22 Jan 2024 13:55

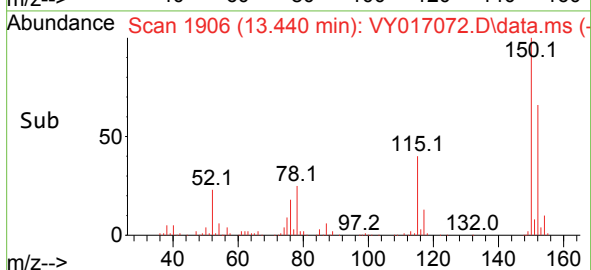
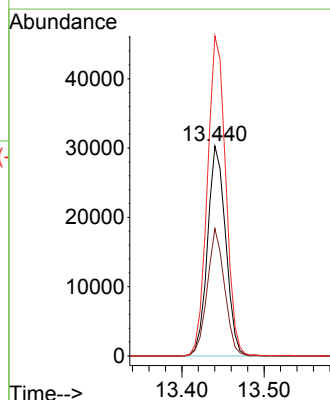
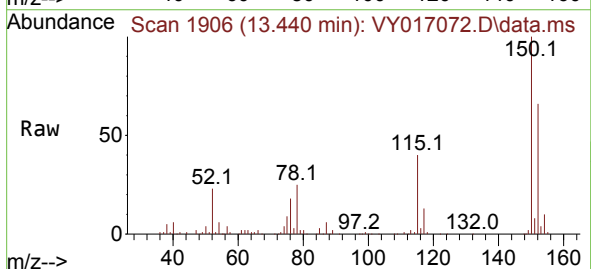
Instrument :
MSVOA_Y
ClientSampleId :

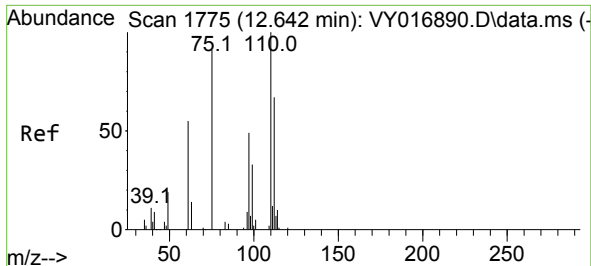
Tgt Ion:117 Resp: 181377
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.8
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017072.D
Acq: 22 Jan 2024 13:55

Tgt Ion:152 Resp: 46310
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.0
150 154.5 0.0 344.6

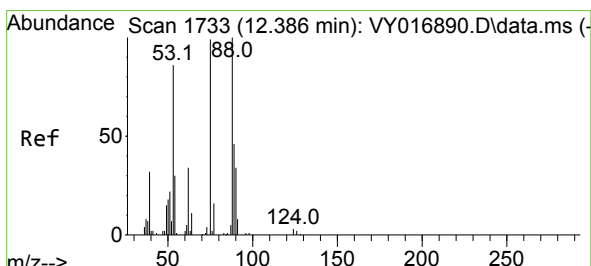
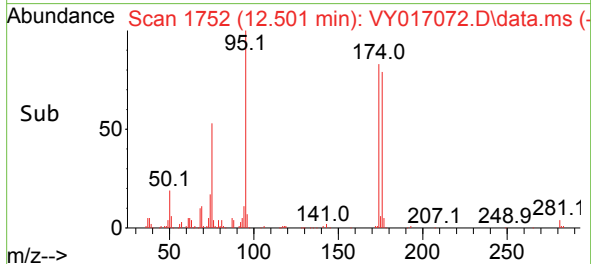
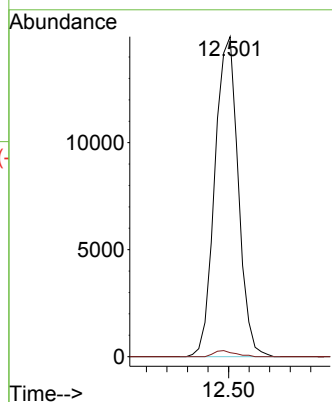
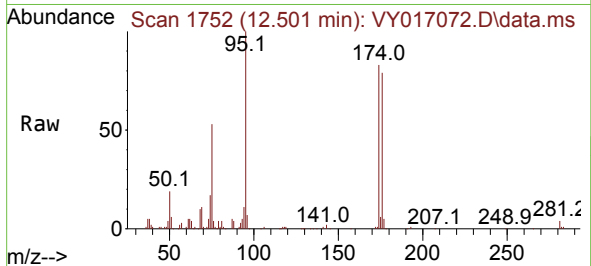




#76
1,2,3-Trichloropropane
Concen: 46.843 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.141 min
Lab File: VY017072.D
Acq: 22 Jan 2024 13:55

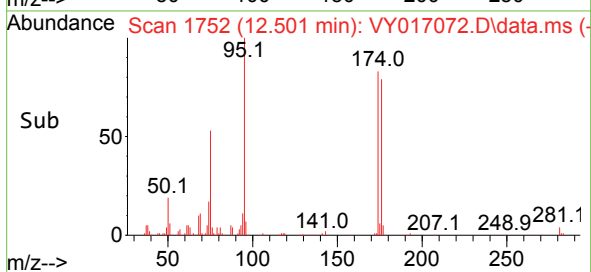
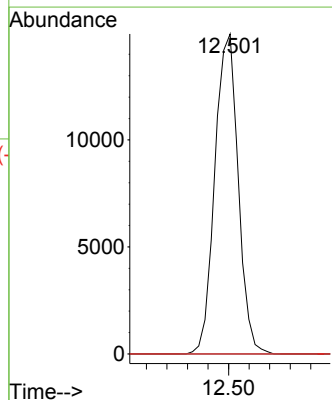
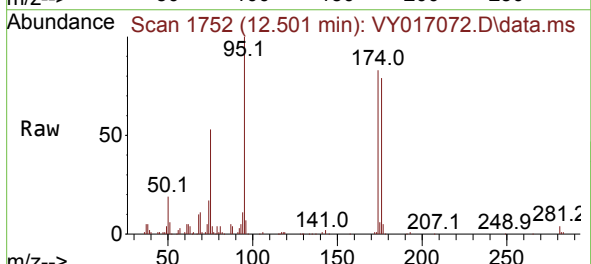
Instrument :
MSVOA_Y
ClientSampleId :

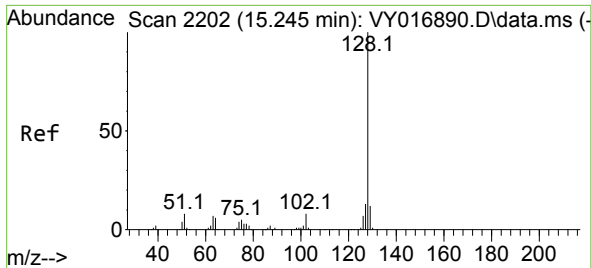
Tgt Ion: 75 Resp: 23541
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.369 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY017072.D
Acq: 22 Jan 2024 13:55

Tgt Ion: 75 Resp: 23541
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 1.144 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

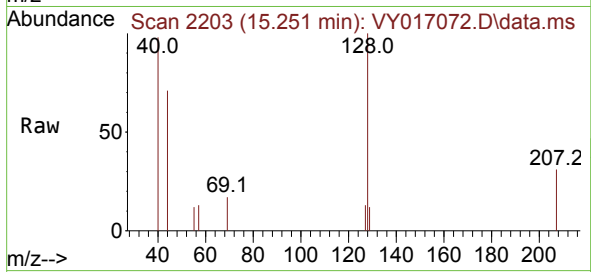
Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 715

Ion Ratio Lower Upper

128 100

127 2.9 10.2 15.4#

129 5.9 8.6 12.8#

