

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017071.D
 Acq On : 22 Jan 2024 13:32
 Operator : SY/MD
 Sample : P1188-02
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:45:09 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)

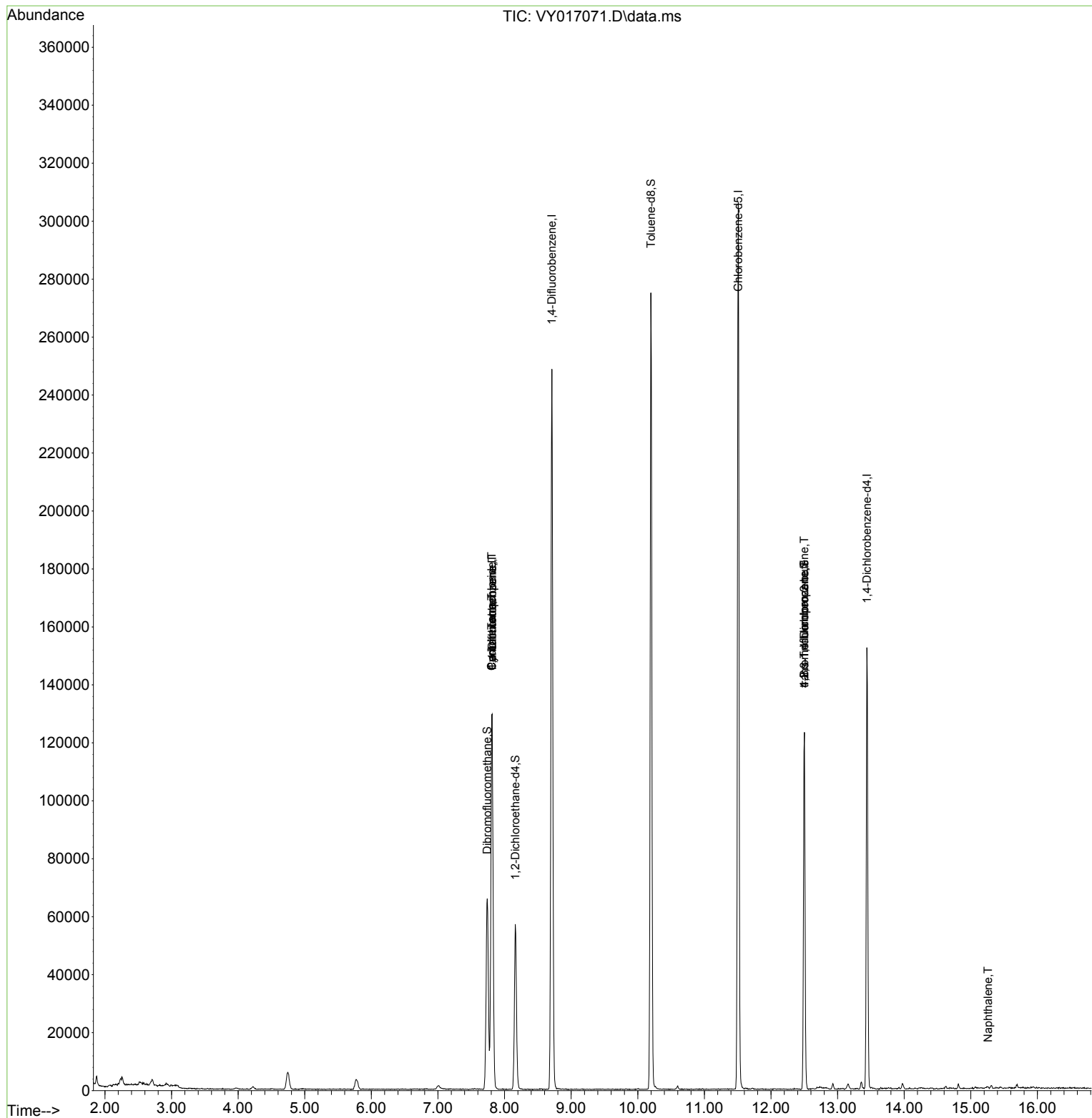
Internal Standards						
1) Pentafluorobenzene	7.813	168	100990	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	213196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	168809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	38087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	42494	42.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.140%
35) Dibromofluoromethane	7.740	113	48960	36.038	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.080%
50) Toluene-d8	10.197	98	178362	38.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.260%
62) 4-Bromofluorobenzene	12.502	95	39847	25.246	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	50.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	197	Below Cal	#	75
16) Acetone	3.960	43	847	Below Cal	#	41
20) Methylene Chloride	4.741	84	4582	Below Cal		87
31) Cyclohexane	7.807	56	2186	1.276	ug/l #	9
36) 1,1-Dichloropropene	7.813	75	8445	4.265	ug/l #	49
38) Carbon Tetrachloride	7.807	117	10022	4.982	ug/l #	16
76) 1,2,3-Trichloropropane	12.502	75	21034	50.891	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	21034	115.561	ug/l #	12
95) Naphthalene	15.257	128	617	1.175	ug/l #	86

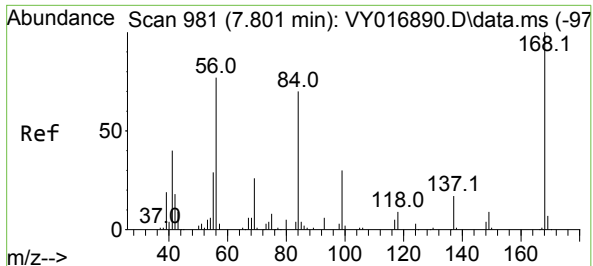
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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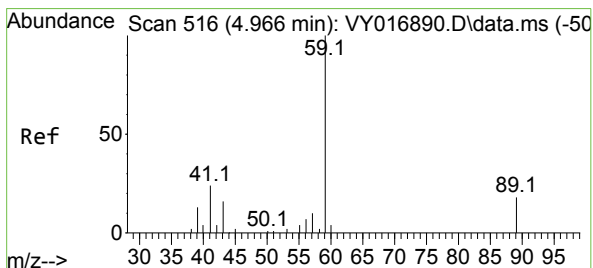
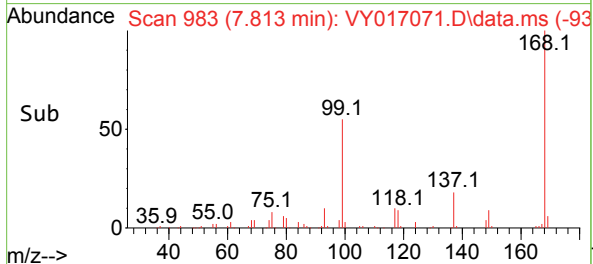
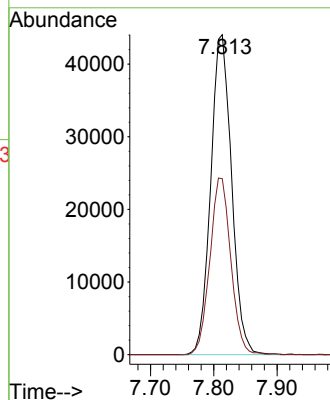
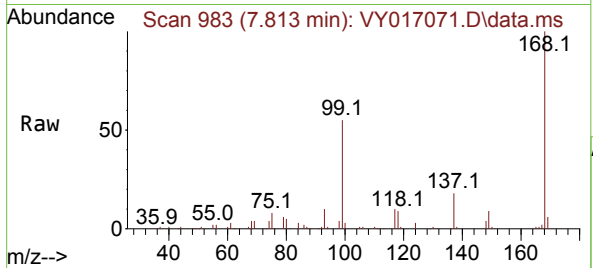




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

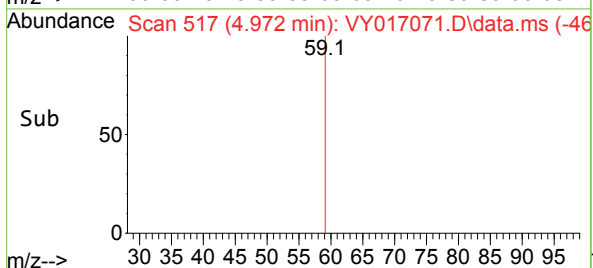
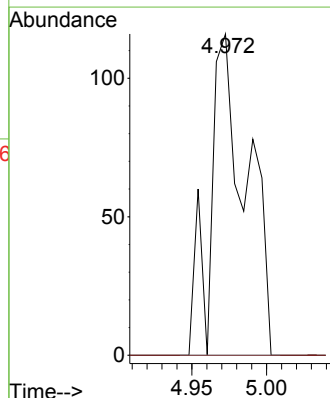
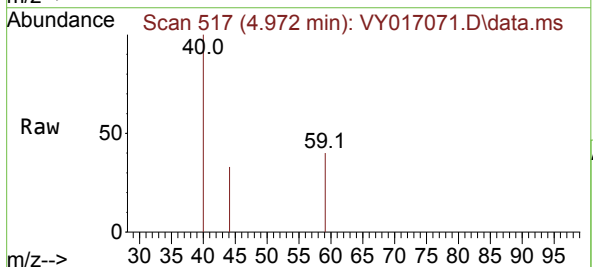
Instrument :
MSVOA_Y
ClientSampleId :

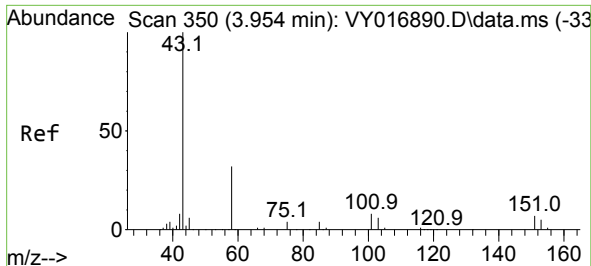
Tgt Ion:168 Resp: 100990
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

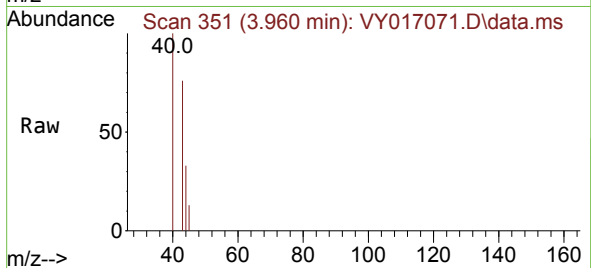
Tgt Ion: 59 Resp: 197
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



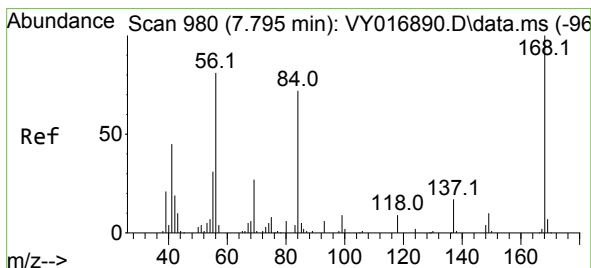
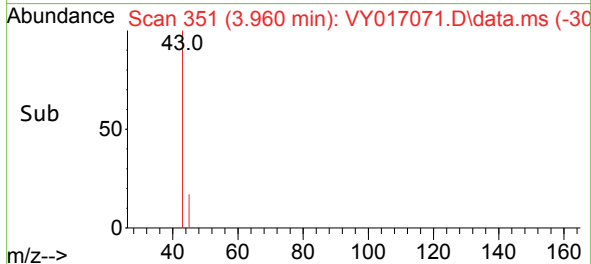
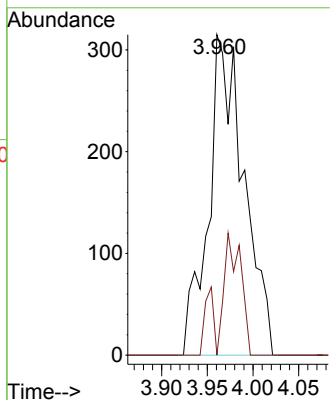


#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

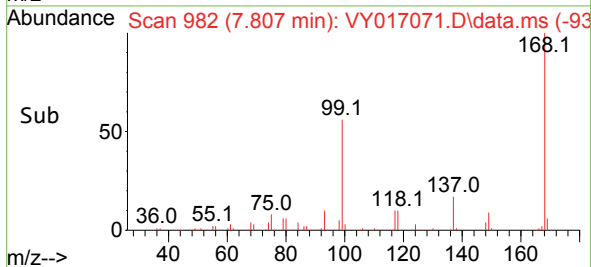
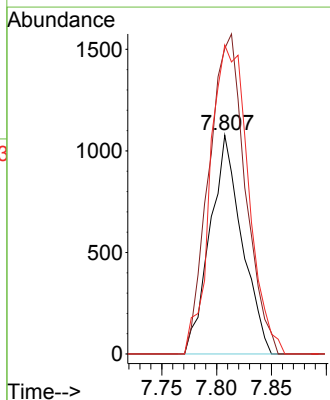
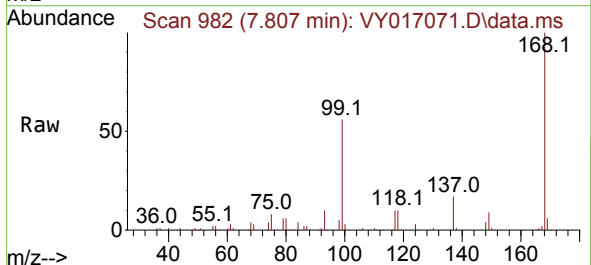


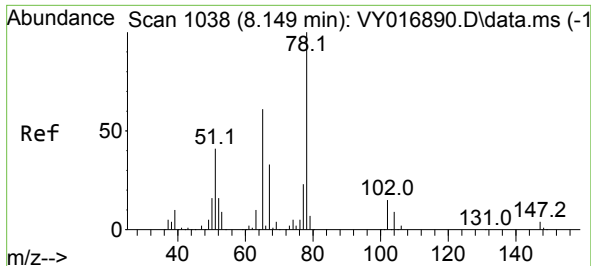
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

Tgt Ion: 56 Resp: 2186
Ion Ratio Lower Upper
56 100
69 139.6 27.0 40.6#
84 141.3 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 42.573 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017071.D

Acq: 22 Jan 2024 13:32

Instrument :

MSVOA_Y

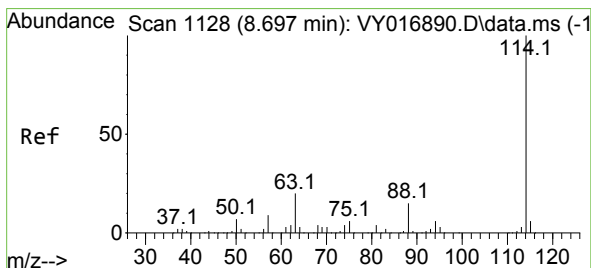
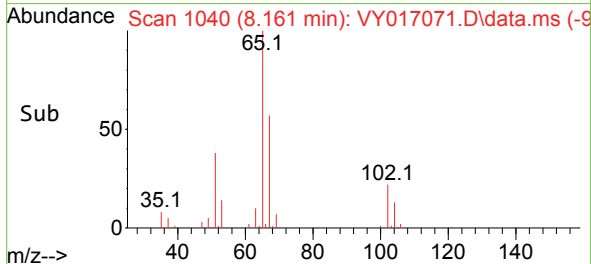
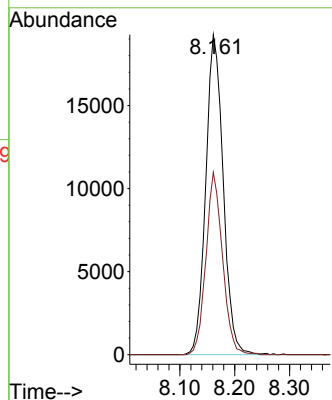
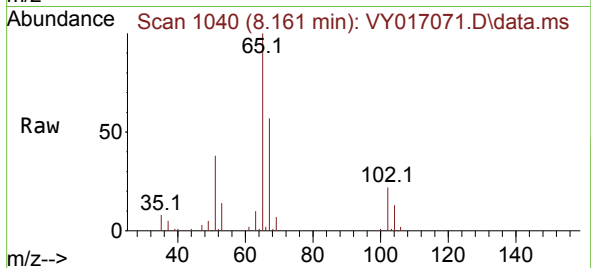
ClientSampleId :

Tgt Ion: 65 Resp: 42494

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY017071.D

Acq: 22 Jan 2024 13:32

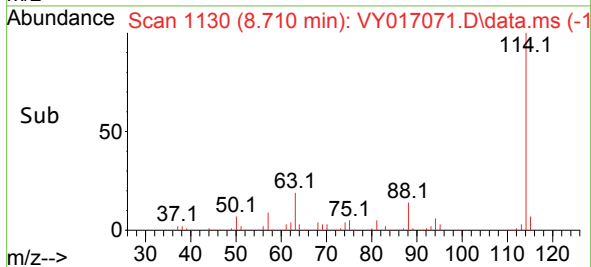
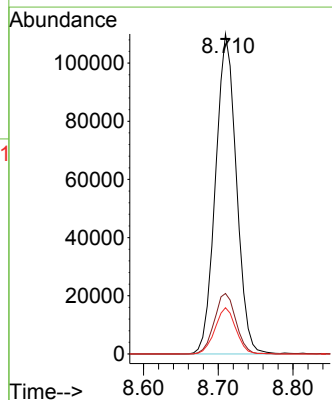
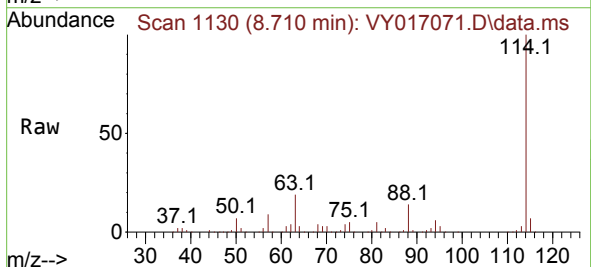
Tgt Ion: 114 Resp: 213196

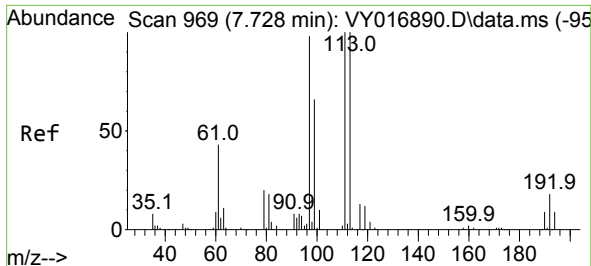
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

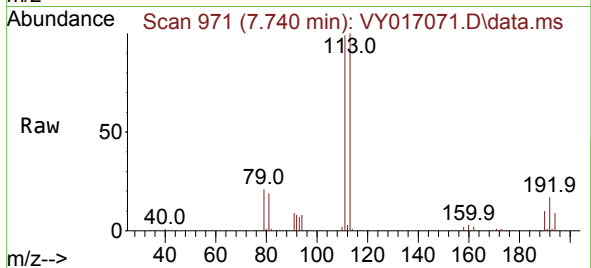
88 14.4 0.0 29.0



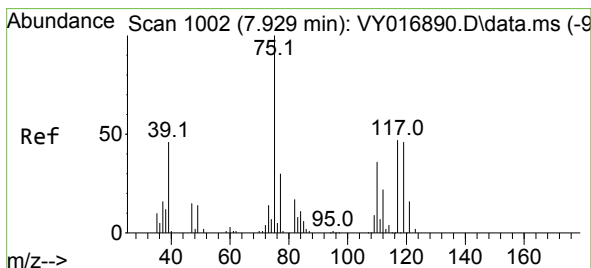
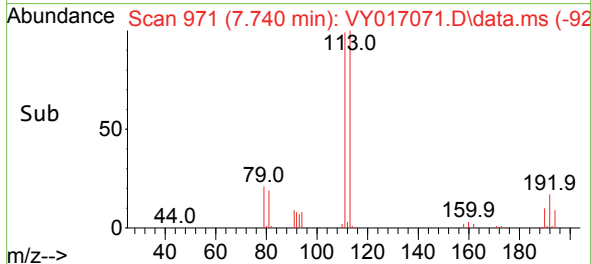
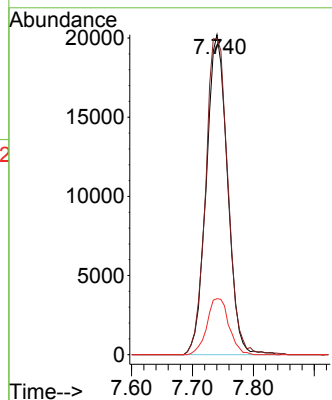


#35
Dibromofluoromethane
Concen: 36.038 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

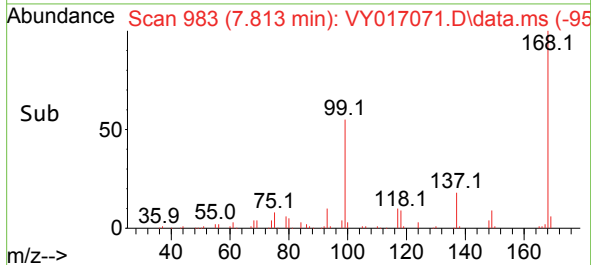
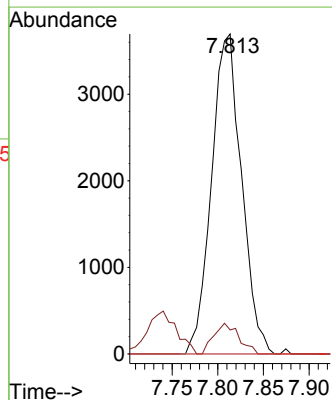
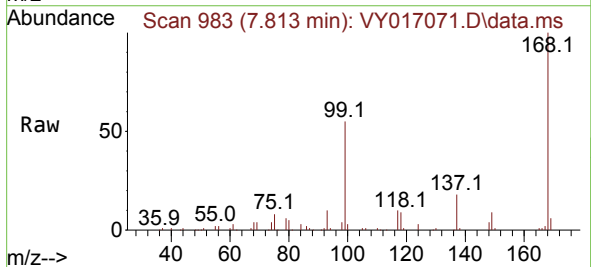


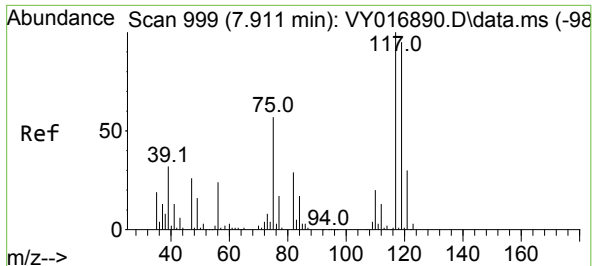
Tgt Ion:113 Resp: 48960
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.265 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

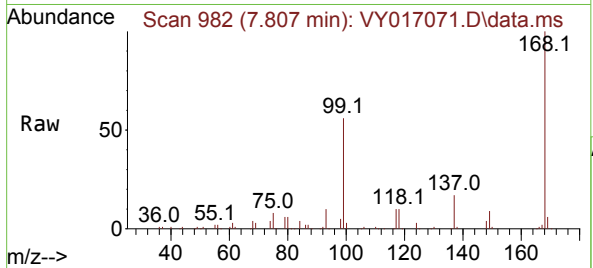
Tgt Ion: 75 Resp: 8445
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 0.0 24.7 37.1#



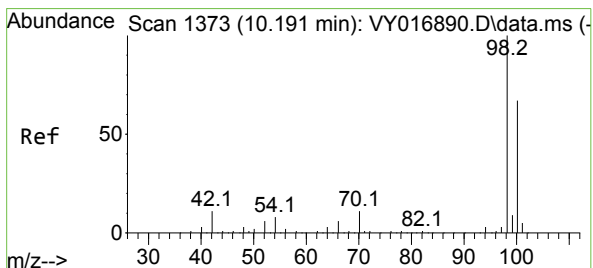
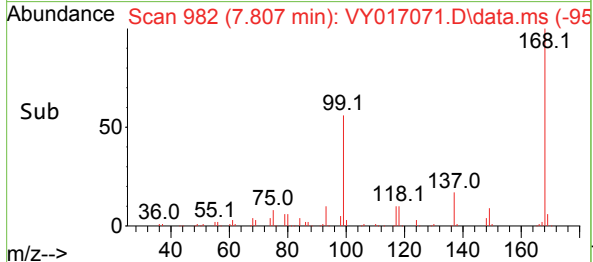
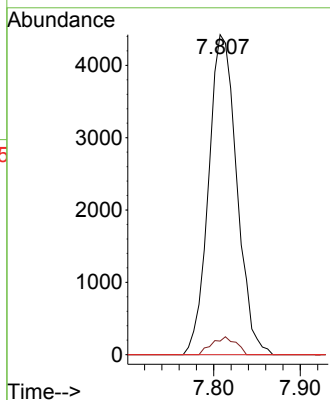


#38
Carbon Tetrachloride
Concen: 4.982 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

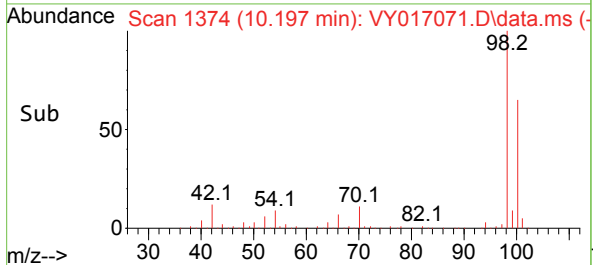
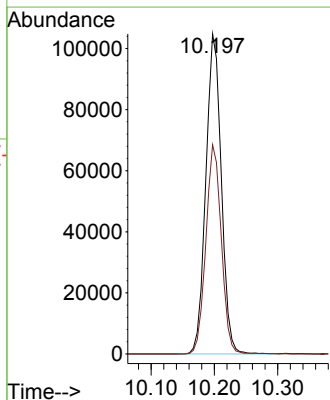
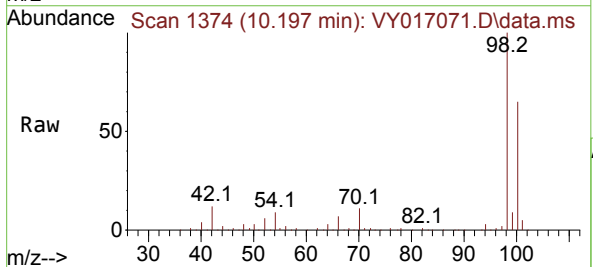


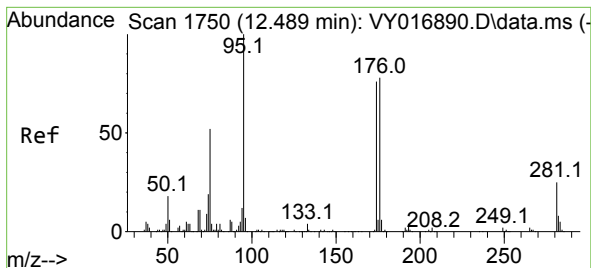
Tgt Ion:117 Resp: 10022
Ion Ratio Lower Upper
117 100
119 4.2 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 38.126 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

Tgt Ion: 98 Resp: 178362
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 25.246 ug/l

RT: 12.502 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY017071.D

Acq: 22 Jan 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

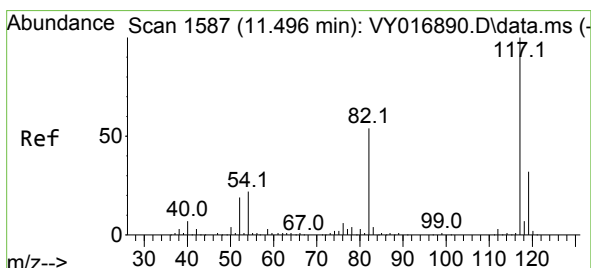
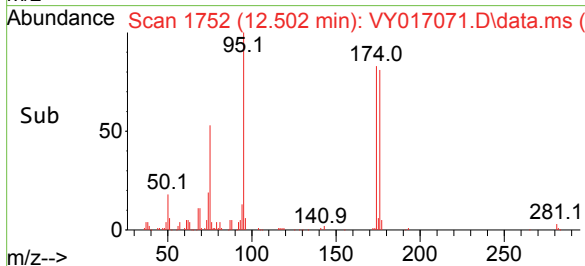
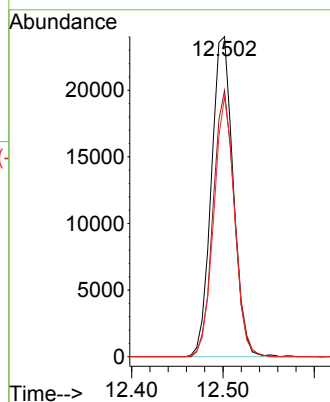
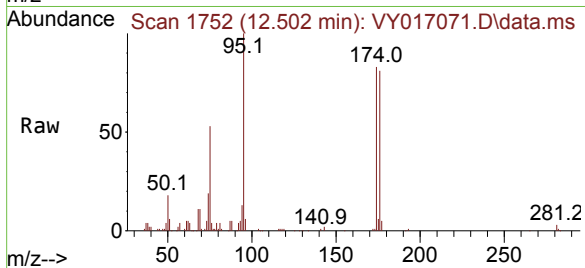
Tgt Ion: 95 Resp: 39847

Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.0

176 77.4 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. 0.006 min

Lab File: VY017071.D

Acq: 22 Jan 2024 13:32

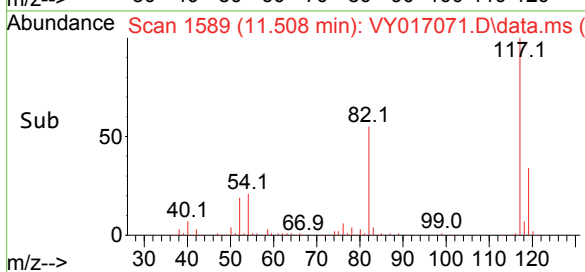
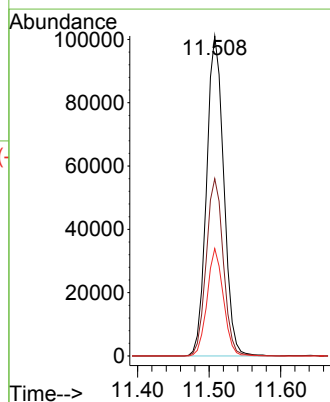
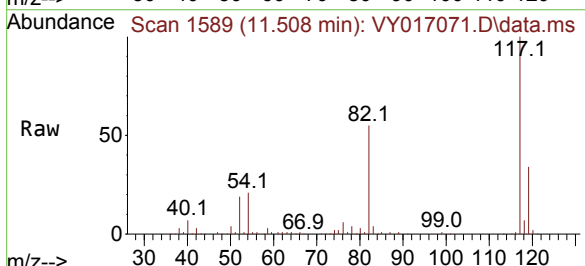
Tgt Ion: 117 Resp: 168809

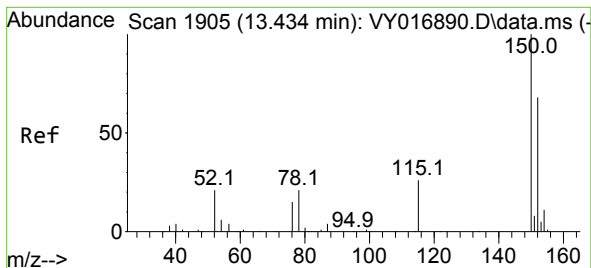
Ion Ratio Lower Upper

117 100

82 55.4 43.8 65.8

119 33.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017071.D

Acq: 22 Jan 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

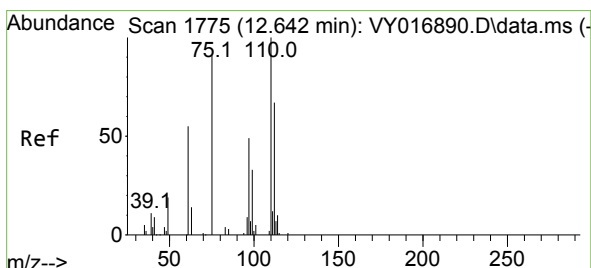
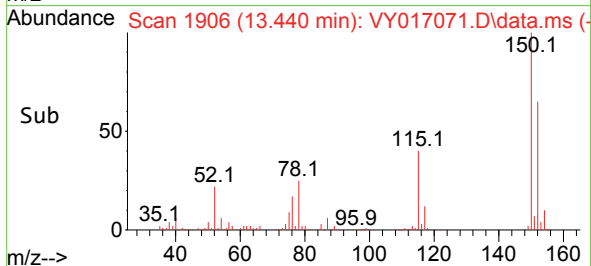
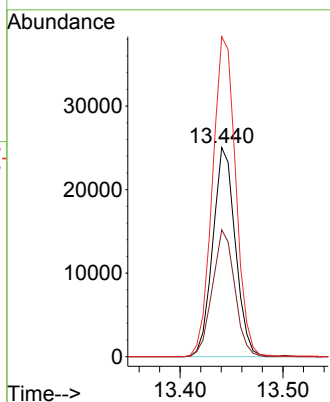
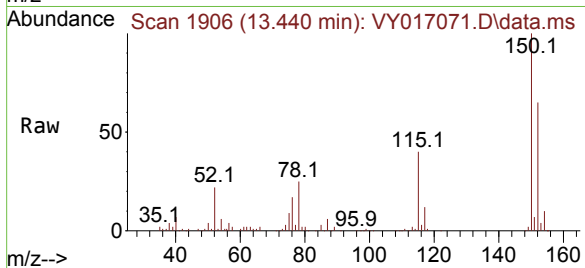
Tgt Ion:152 Resp: 38087

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 158.2 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 50.891 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY017071.D

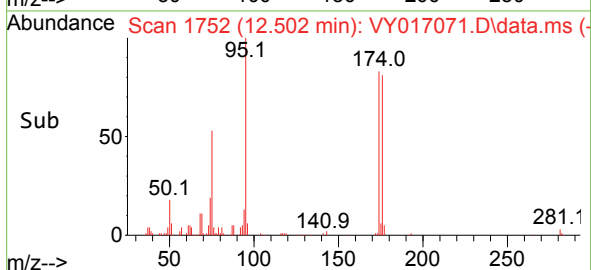
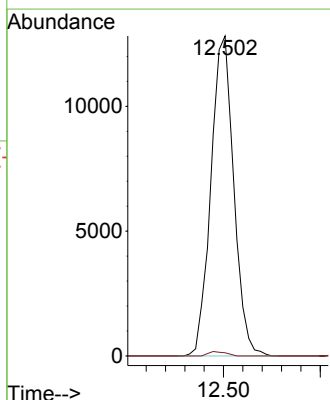
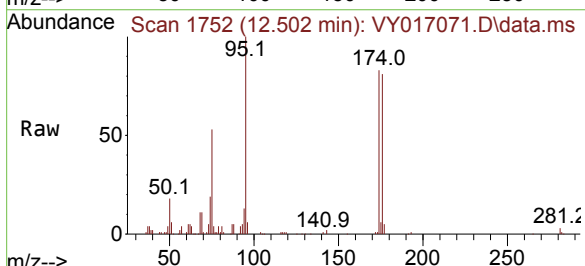
Acq: 22 Jan 2024 13:32

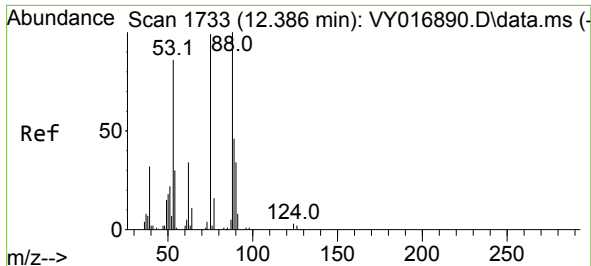
Tgt Ion: 75 Resp: 21034

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

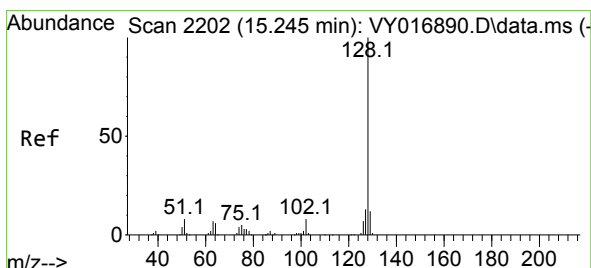
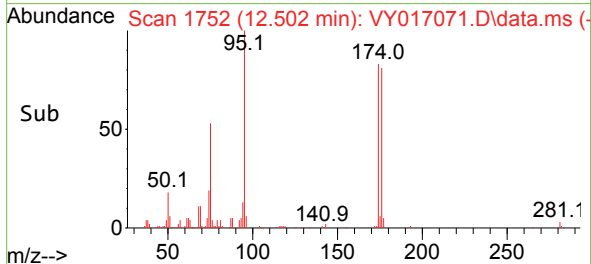
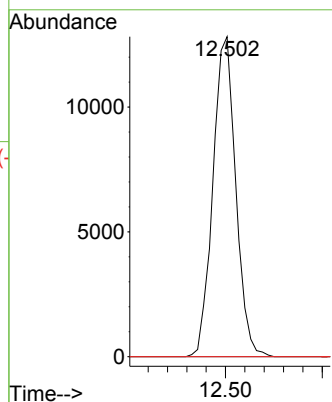
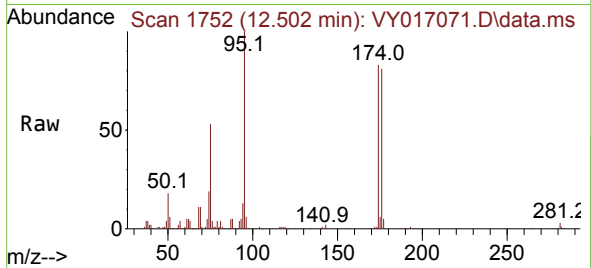




#81
trans-1,4-Dichloro-2-butene
Concen: 115.561 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.117 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 21034
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 1.175 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

Tgt Ion:128 Resp: 617
Ion Ratio Lower Upper
128 100
127 11.7 10.2 15.4
129 0.0 8.6 12.8#

