

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017059.D
 Acq On : 19 Jan 2024 16:32
 Operator : SY/MD
 Sample : P1181-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-011824

Quant Time: Jan 19 22:24:23 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)

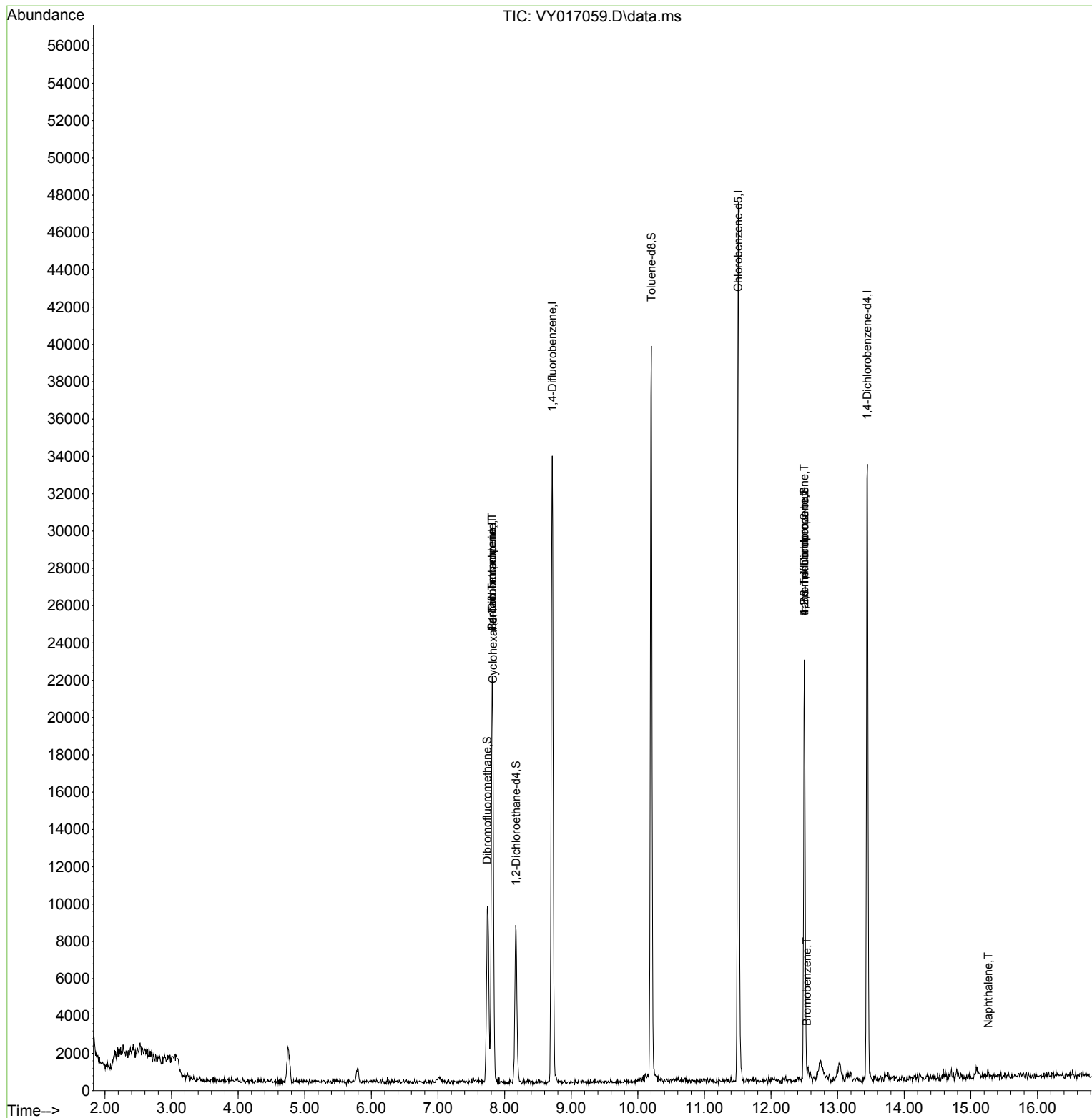
Internal Standards						
1) Pentafluorobenzene	7.813	168	16289	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	29724	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	27101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	8751	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	6782	42.126	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.260%		
35) Dibromofluoromethane	7.740	113	7586	40.050	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.100%		
50) Toluene-d8	10.203	98	26026	39.902	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.800%		
62) 4-Bromofluorobenzene	12.501	95	7424	33.736	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	67.480%		
Target Compounds						
16) Acetone	3.997	43	195	Below Cal	#	41
20) Methylene Chloride	4.759	84	1382	Below Cal		95
31) Cyclohexane	7.825	56	436	1.578	ug/l #	72
36) 1,1-Dichloropropene	7.813	75	1468	5.318	ug/l #	42
38) Carbon Tetrachloride	7.813	117	1740	6.204	ug/l #	12
76) 1,2,3-Trichloropropane	12.501	75	3733	39.310	ug/l #	100
77) Bromobenzene	12.538	156	509	3.235	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.501	75	3733	89.262	ug/l #	12
95) Naphthalene	15.263	128	308	1.938	ug/l #	69

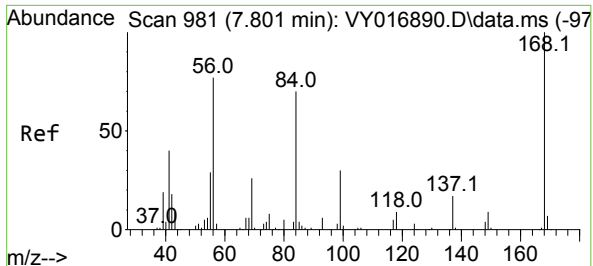
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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TR-05-011824

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

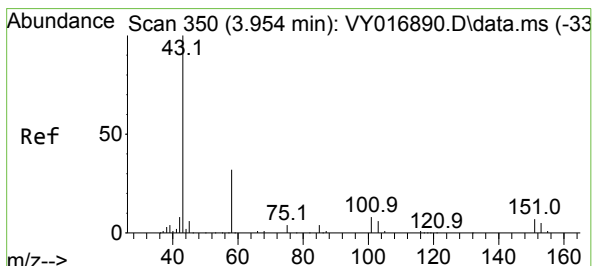
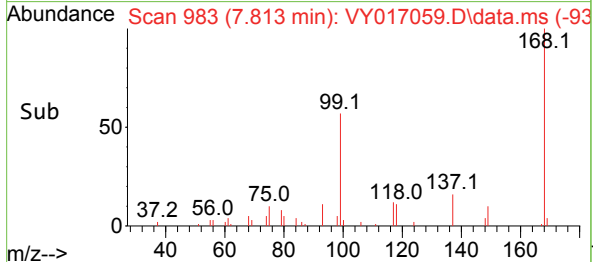
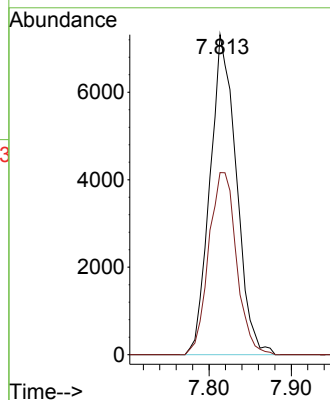
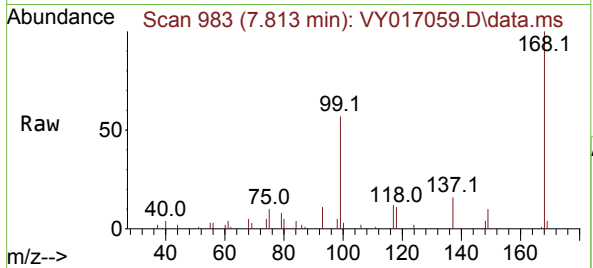




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017059.D
Acq: 19 Jan 2024 16:32

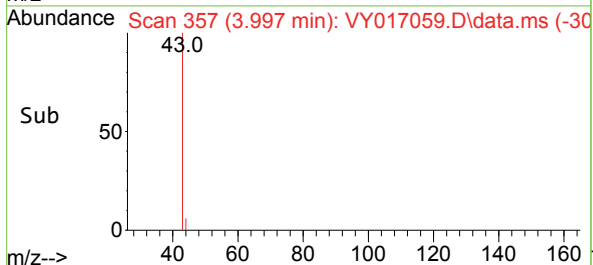
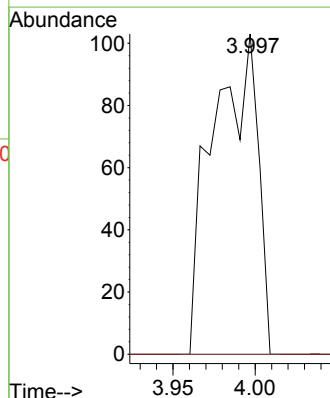
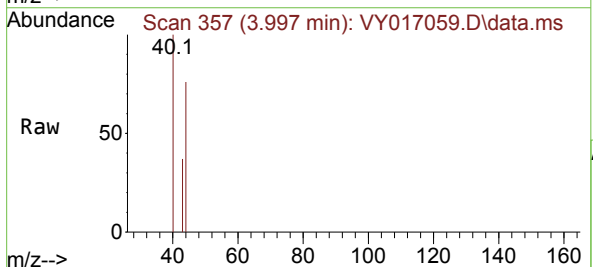
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-011824

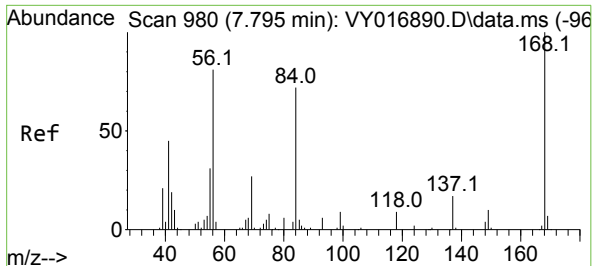
Tgt Ion:168 Resp: 16289
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.997 min Scan# 357
Delta R.T. 0.037 min
Lab File: VY017059.D
Acq: 19 Jan 2024 16:32

Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#

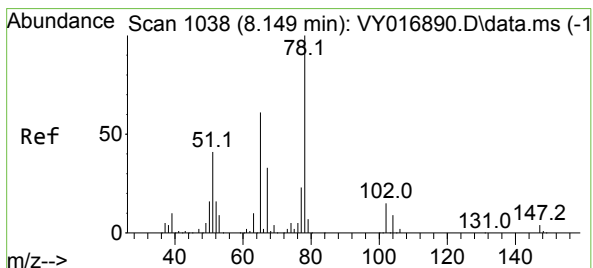
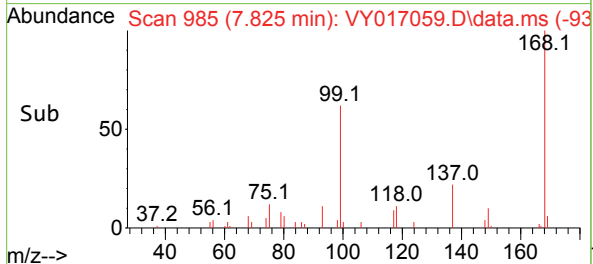
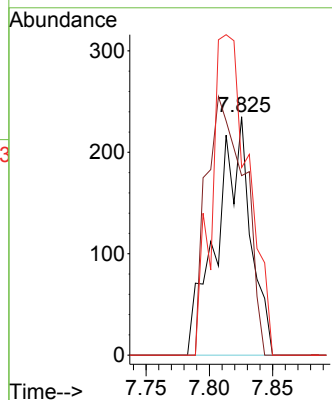
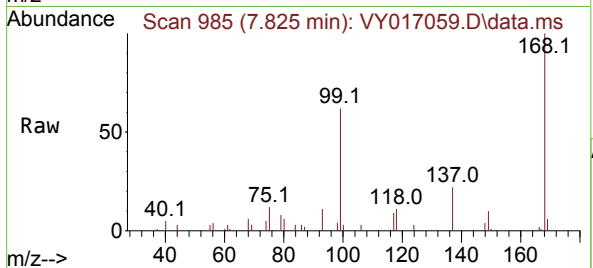




#31
Cyclohexane
Concen: 1.578 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017059.D
Acq: 19 Jan 2024 16:32

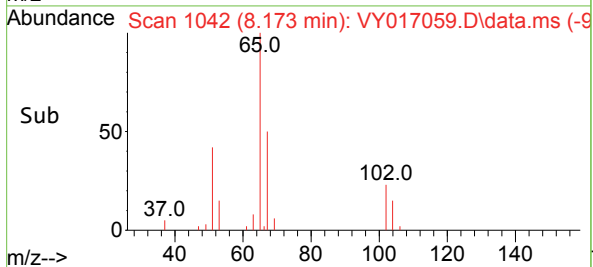
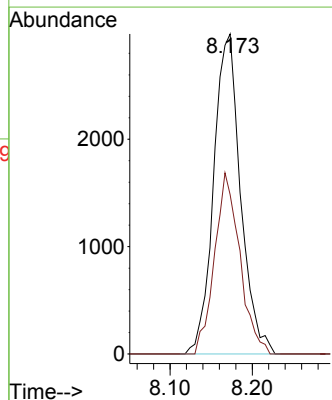
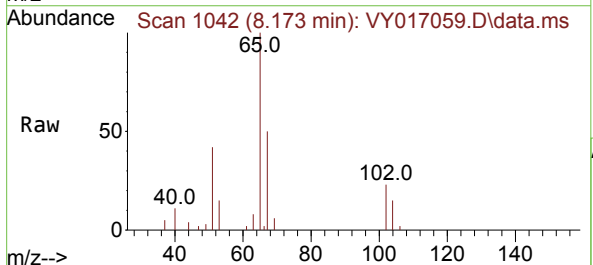
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-011824

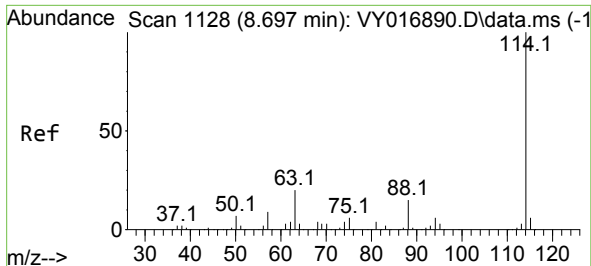
Tgt Ion: 56 Resp: 436
Ion Ratio Lower Upper
56 100
69 75.3 27.0 40.6#
84 78.7 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 42.126 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017059.D
Acq: 19 Jan 2024 16:32

Tgt Ion: 65 Resp: 6782
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY017059.D

Acq: 19 Jan 2024 16:32

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-011824

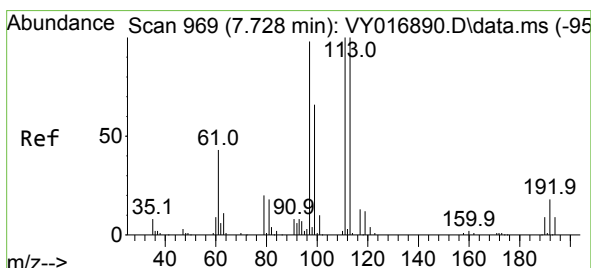
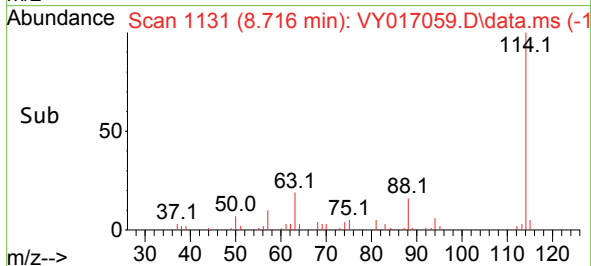
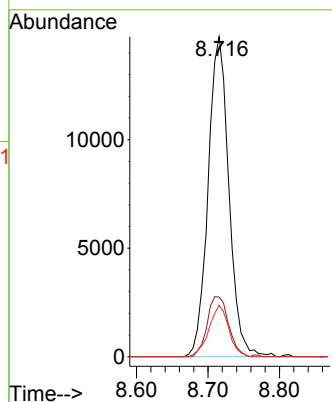
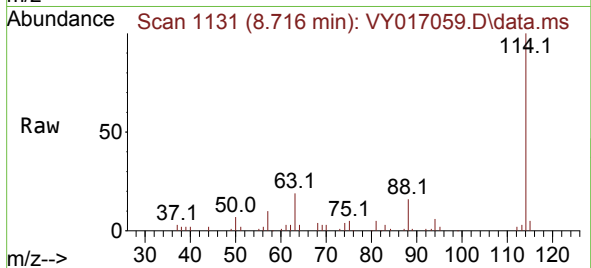
Tgt Ion:114 Resp: 29724

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 16.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.050 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017059.D

Acq: 19 Jan 2024 16:32

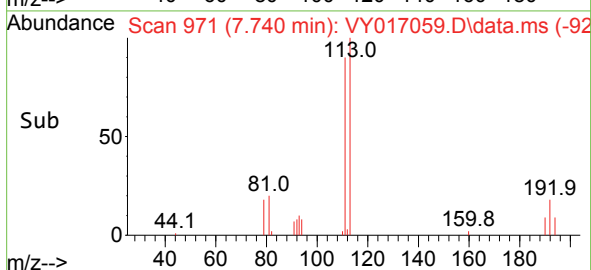
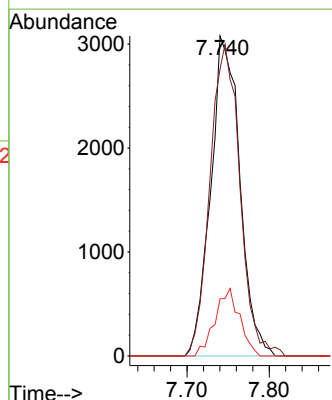
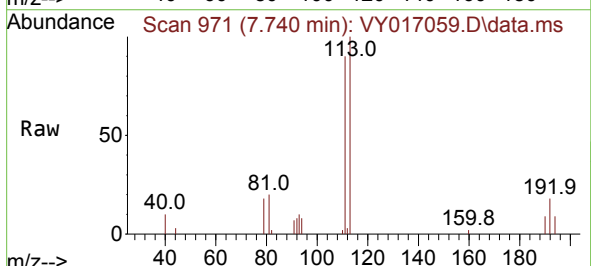
Tgt Ion:113 Resp: 7586

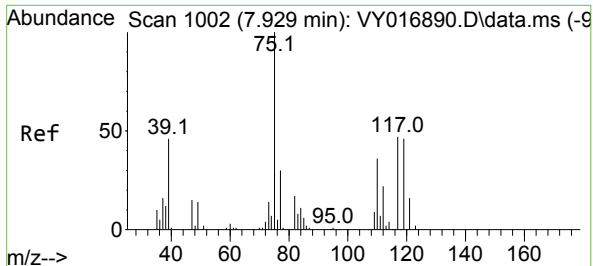
Ion Ratio Lower Upper

113 100

111 99.7 83.8 125.6

192 17.8 14.5 21.7

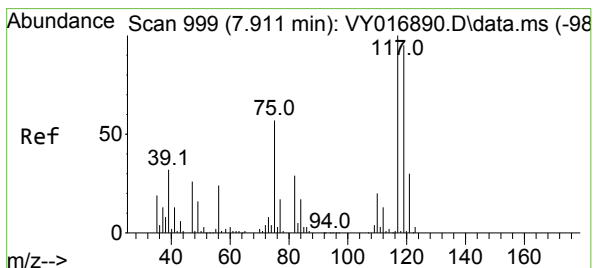
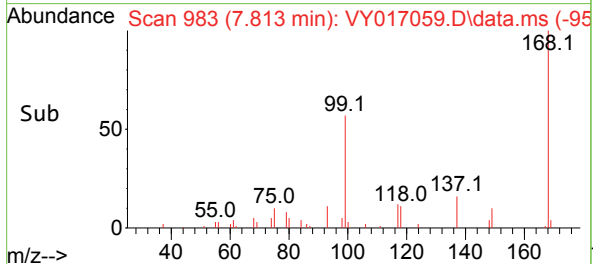
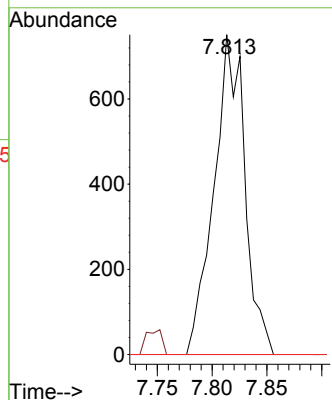
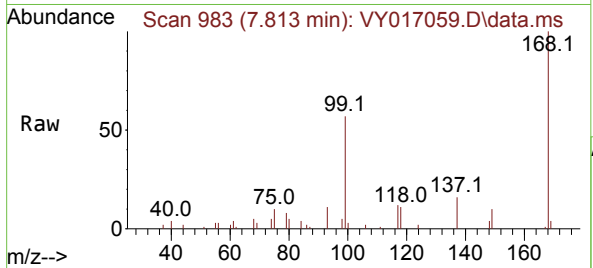




#36
 1,1-Dichloropropene
 Concen: 5.318 ug/l
 RT: 7.813 min Scan# 983
 Delta R.T. -0.116 min
 Lab File: VY017059.D
 Acq: 19 Jan 2024 16:32

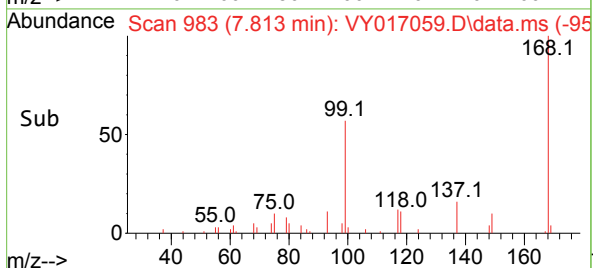
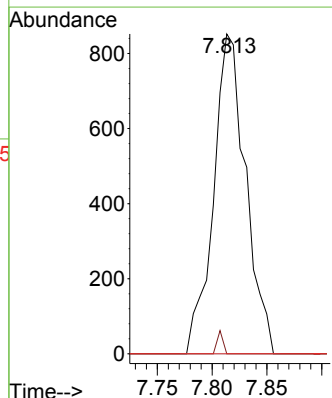
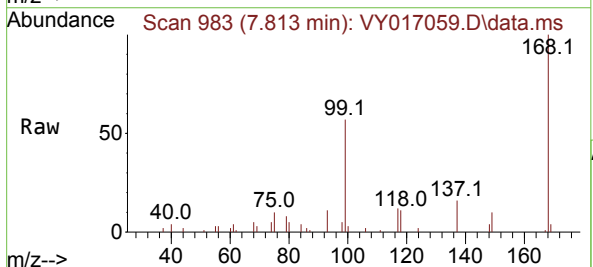
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-011824

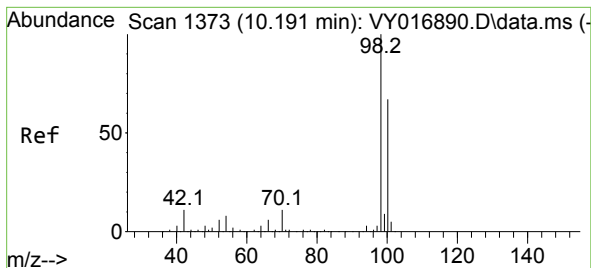
Tgt Ion: 75 Resp: 1468
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.204 ug/l
 RT: 7.813 min Scan# 983
 Delta R.T. -0.104 min
 Lab File: VY017059.D
 Acq: 19 Jan 2024 16:32

Tgt Ion: 117 Resp: 1740
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 39.902 ug/l

RT: 10.203 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017059.D

Acq: 19 Jan 2024 16:32

Instrument :

MSVOA_Y

ClientSampleId :

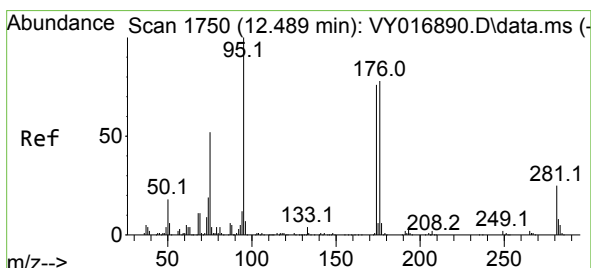
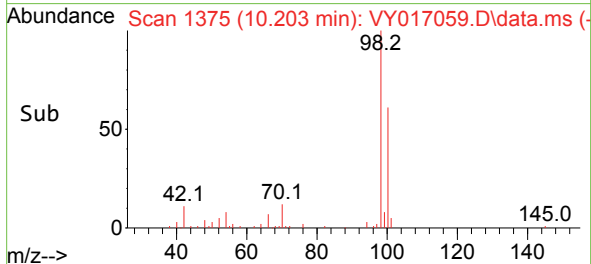
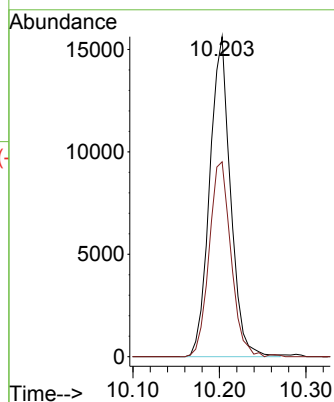
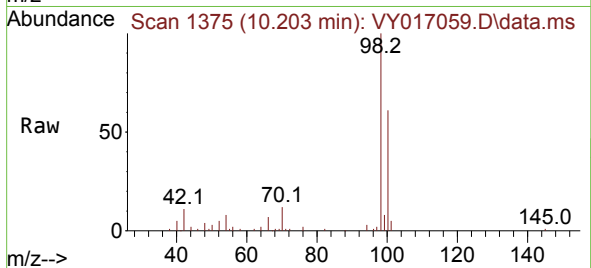
TR-05-011824

Tgt Ion: 98 Resp: 26026

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 33.736 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017059.D

Acq: 19 Jan 2024 16:32

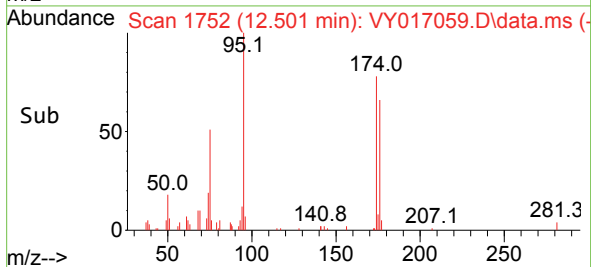
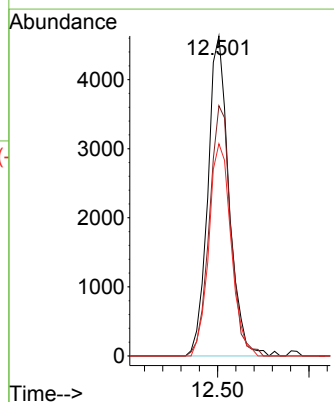
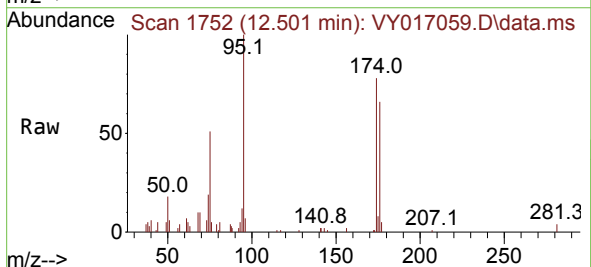
Tgt Ion: 95 Resp: 7424

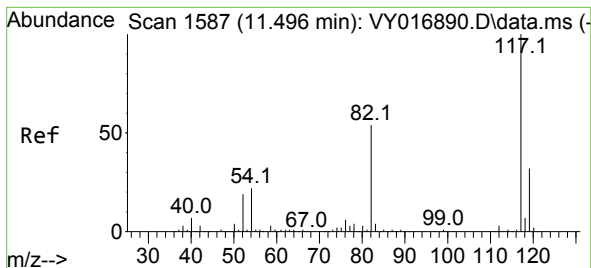
Ion Ratio Lower Upper

95 100

174 79.6 0.0 160.0

176 69.7 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: VY017059.D

Acq: 19 Jan 2024 16:32

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-011824

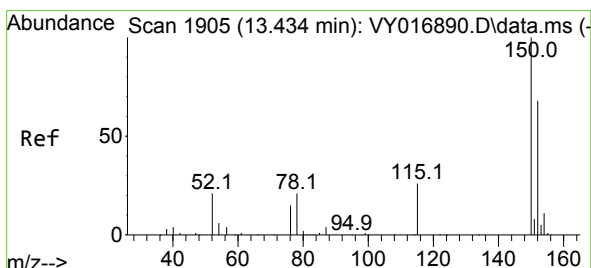
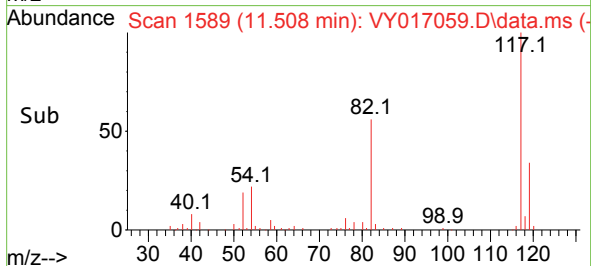
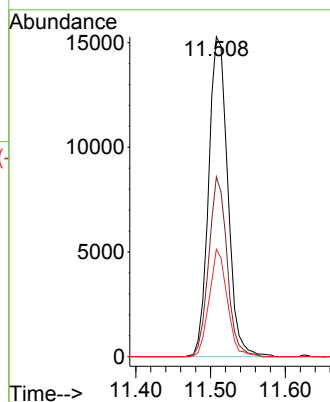
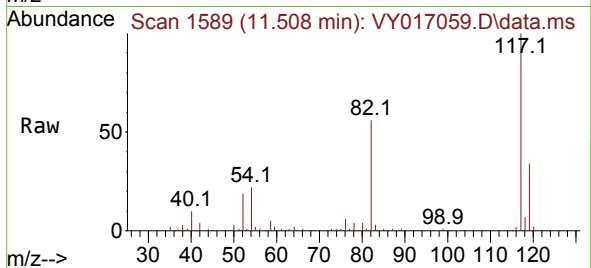
Tgt Ion:117 Resp: 27101

Ion Ratio Lower Upper

117 100

82 56.2 43.8 65.8

119 33.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017059.D

Acq: 19 Jan 2024 16:32

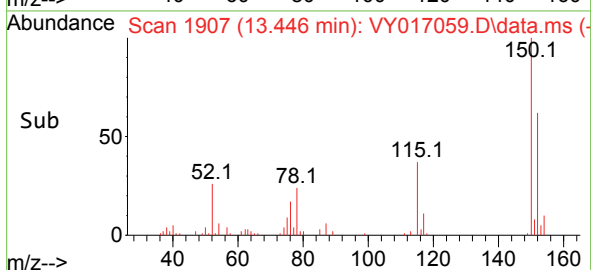
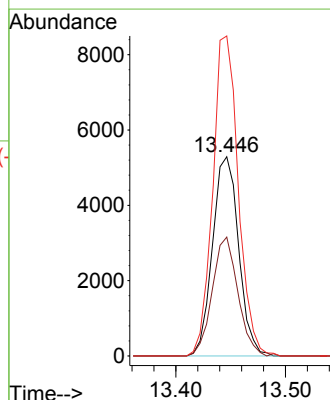
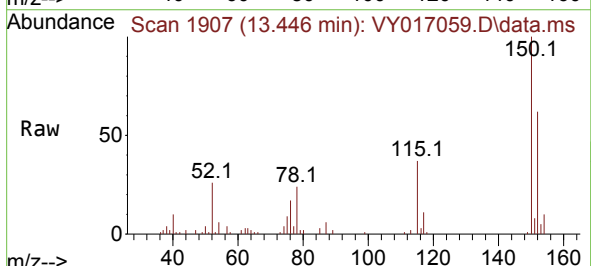
Tgt Ion:152 Resp: 8751

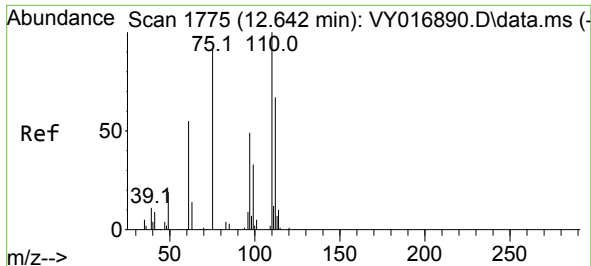
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 157.1 0.0 344.6

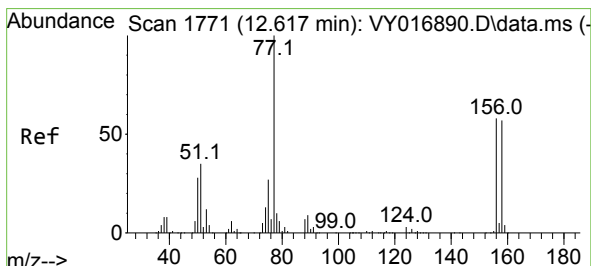
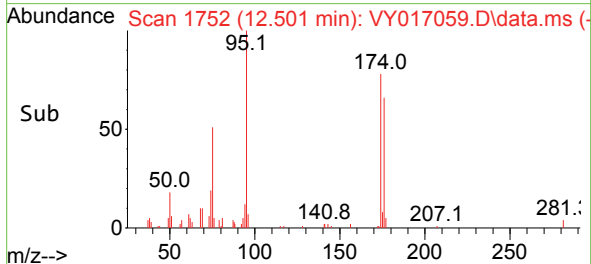
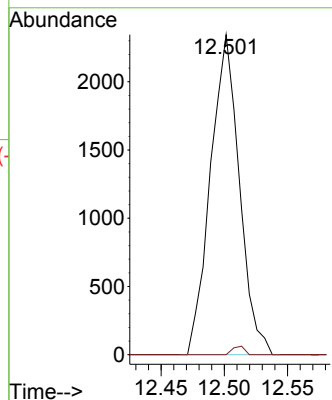
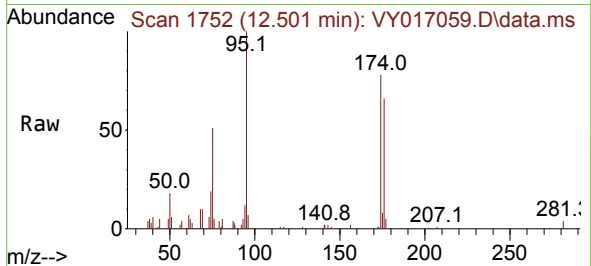




#76
1,2,3-Trichloropropane
Concen: 39.310 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.141 min
Lab File: VY017059.D
Acq: 19 Jan 2024 16:32

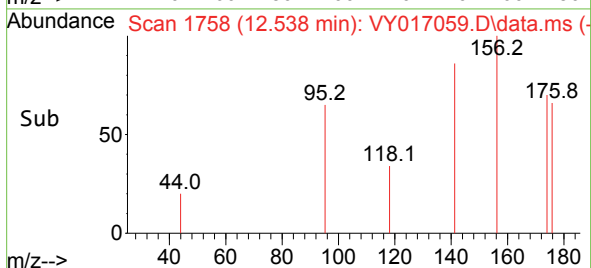
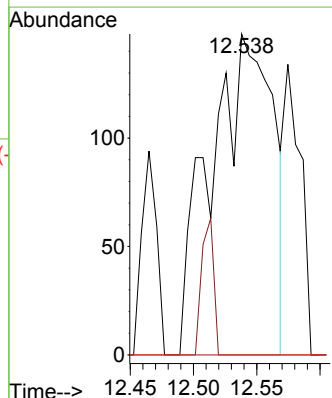
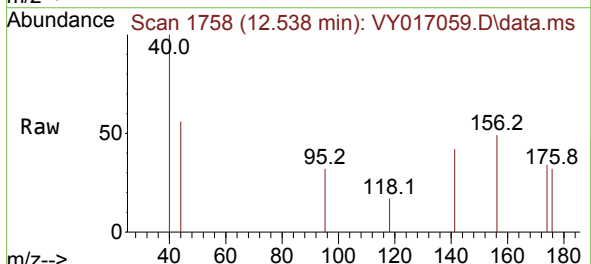
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-011824

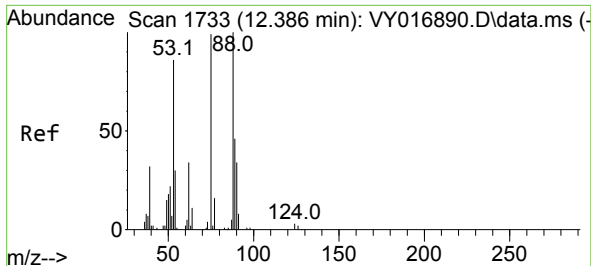
Tgt Ion: 75 Resp: 3733
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#77
Bromobenzene
Concen: 3.235 ug/l
RT: 12.538 min Scan# 1758
Delta R.T. -0.079 min
Lab File: VY017059.D
Acq: 19 Jan 2024 16:32

Tgt Ion: 156 Resp: 509
Ion Ratio Lower Upper
156 100
77 0.0 97.3 291.8#
158 0.0 48.4 145.0#

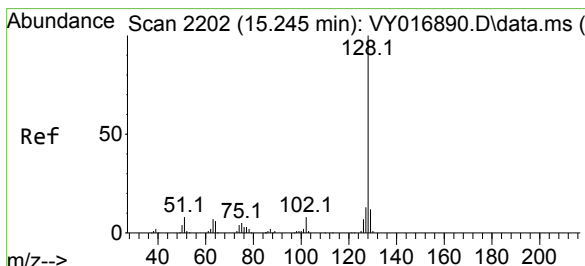
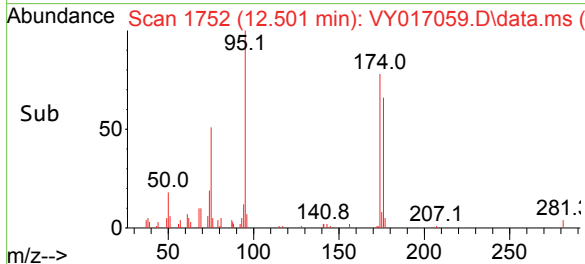
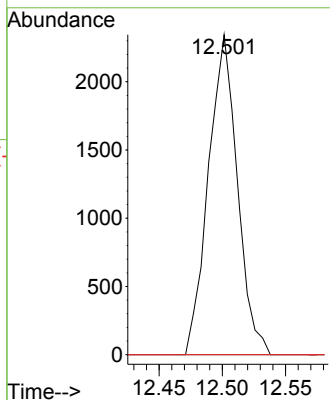
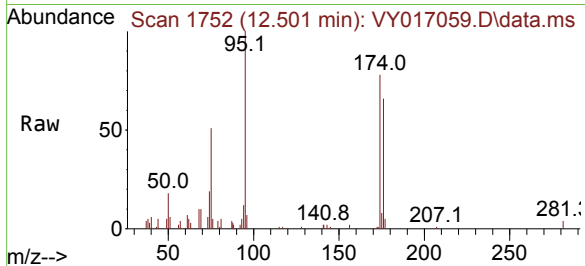




#81
trans-1,4-Dichloro-2-butene
Concen: 89.262 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY017059.D
Acq: 19 Jan 2024 16:32

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-011824

Tgt Ion: 75 Resp: 3733
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 1.938 ug/l
RT: 15.263 min Scan# 2205
Delta R.T. 0.018 min
Lab File: VY017059.D
Acq: 19 Jan 2024 16:32

Tgt Ion: 128 Resp: 308
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

