

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017184.D
 Acq On : 02 Feb 2024 15:14
 Operator : SY/MD
 Sample : P1340-02
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Feb 02 22:30:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

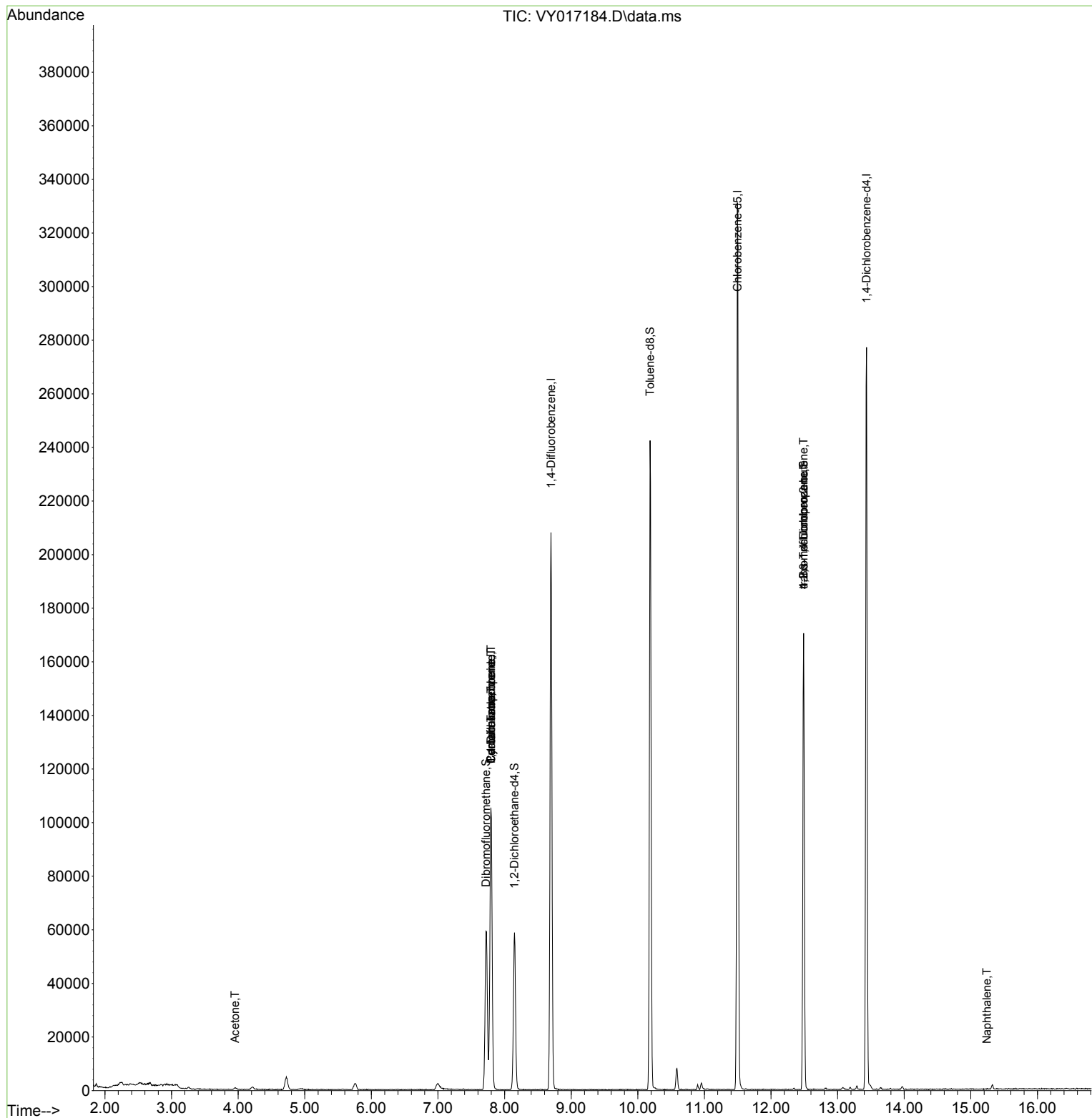
Internal Standards						
1) Pentafluorobenzene	7.795	168	83230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	179420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	179291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	43096	57.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.920%
35) Dibromofluoromethane	7.722	113	43887	45.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.600%
50) Toluene-d8	10.185	98	156251	44.299	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.600%
62) 4-Bromofluorobenzene	12.489	95	52760	45.663	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	478	Below Cal	#	75
16) Acetone	3.954	43	1155	5.285	ug/l	98
31) Cyclohexane	7.795	56	1742	1.162	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7210	4.315	ug/l #	49
38) Carbon Tetrachloride	7.795	117	8403	5.252	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	27709	42.684	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	27709	88.691	ug/l #	12
95) Naphthalene	15.239	128	184	3.515	ug/l #	69

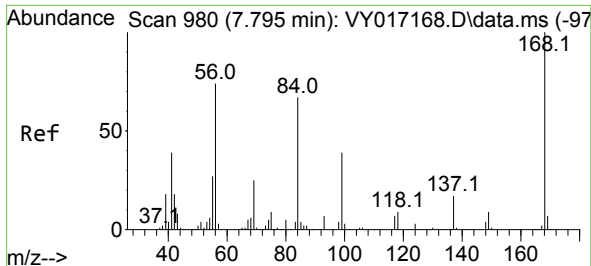
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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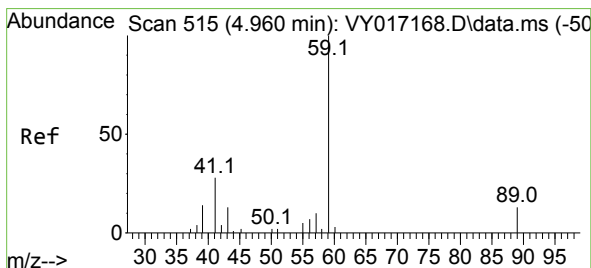
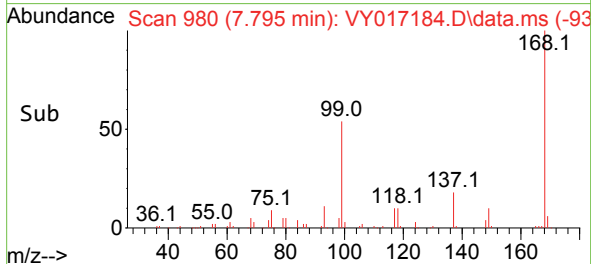
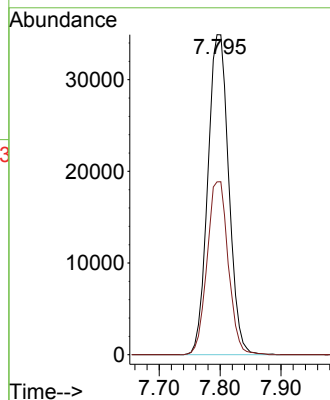
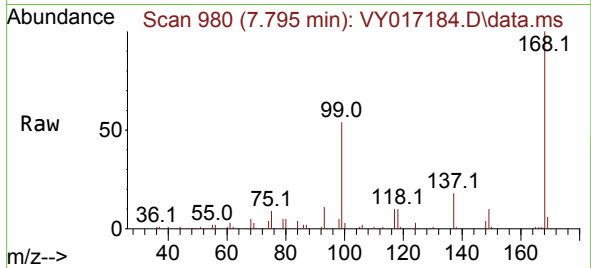




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

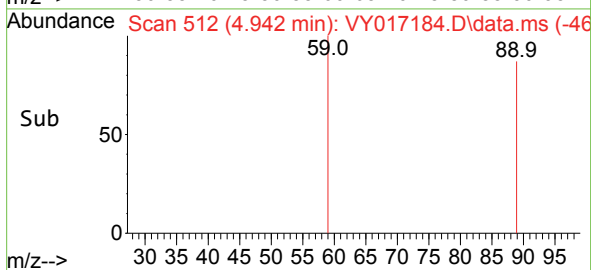
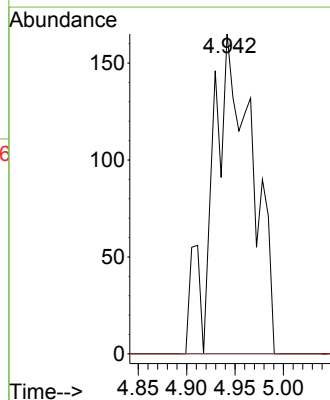
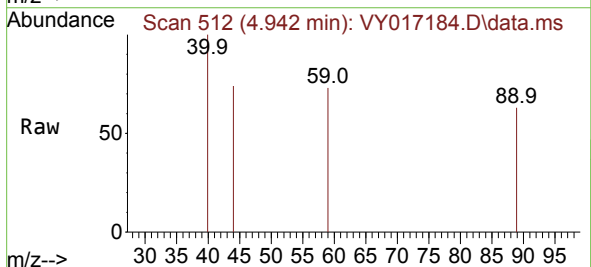
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:168 Resp: 83230
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

Tgt Ion: 59 Resp: 478
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

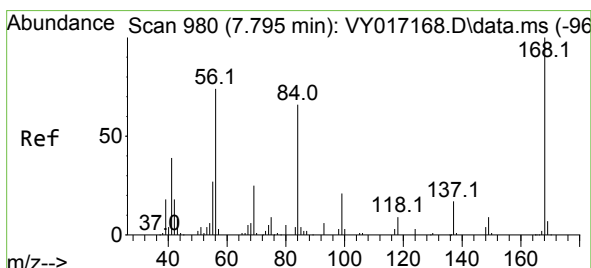
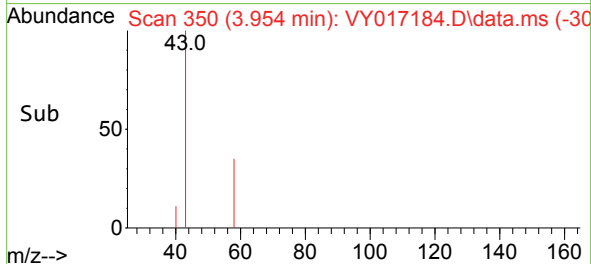
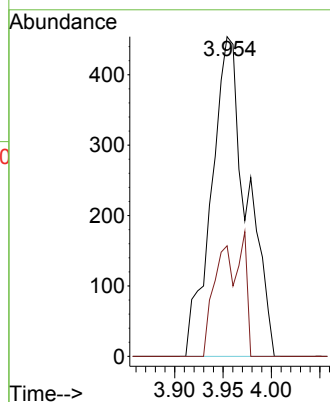
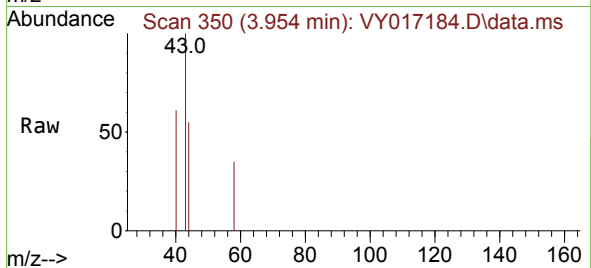




#16
Acetone
Concen: 5.285 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

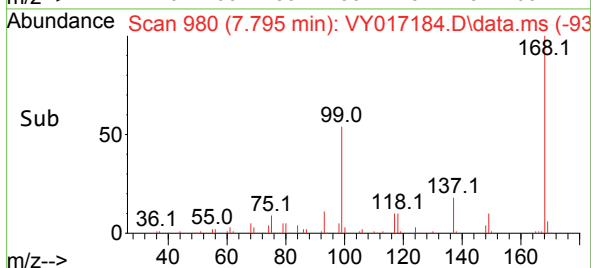
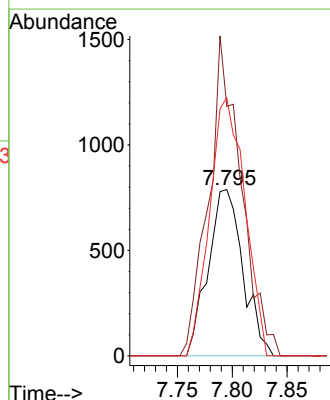
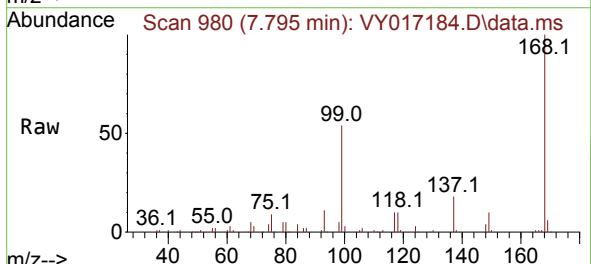
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

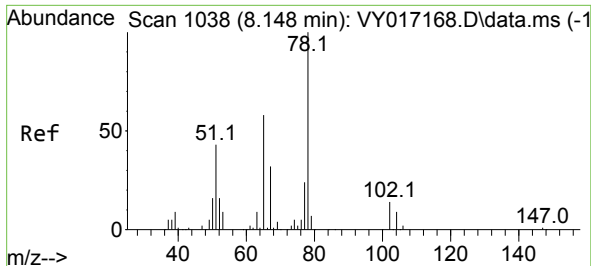
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 34.6 26.6 39.8



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

Tgt Ion: 56 Resp: 1742
Ion Ratio Lower Upper
56 100
69 149.9 27.0 40.6#
84 155.1 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 57.962 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017184.D

Acq: 02 Feb 2024 15:14

Instrument :

MSVOA_Y

ClientSampleId :

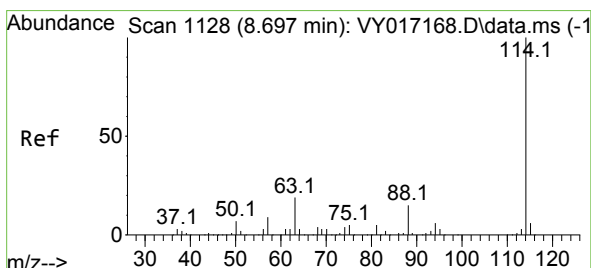
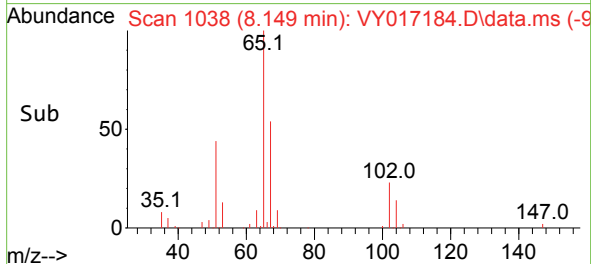
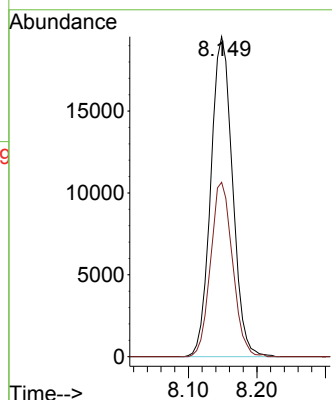
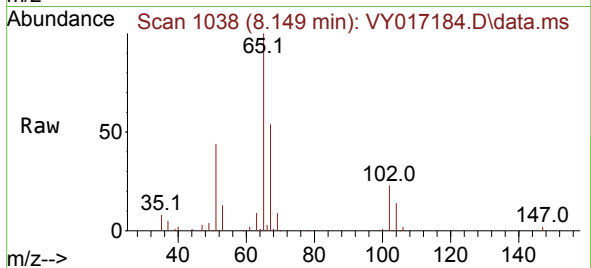
COMP-2

Tgt Ion: 65 Resp: 43096

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017184.D

Acq: 02 Feb 2024 15:14

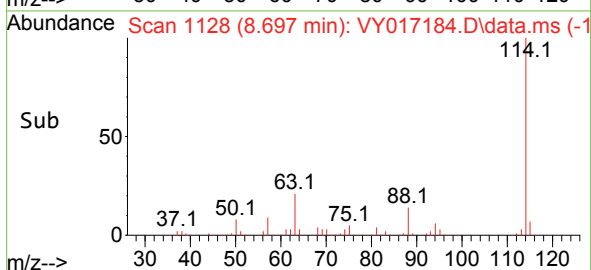
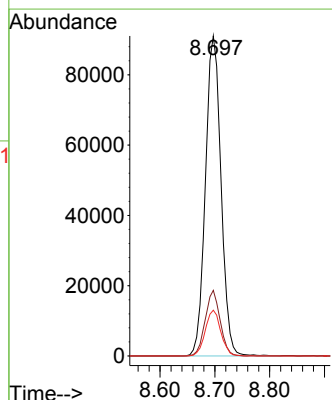
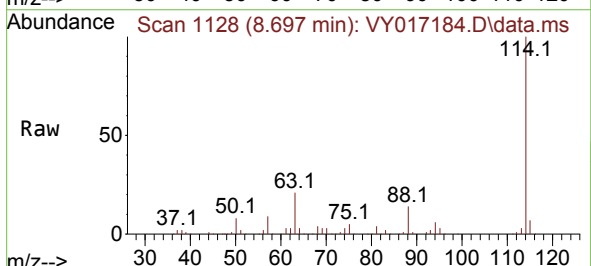
Tgt Ion:114 Resp: 179420

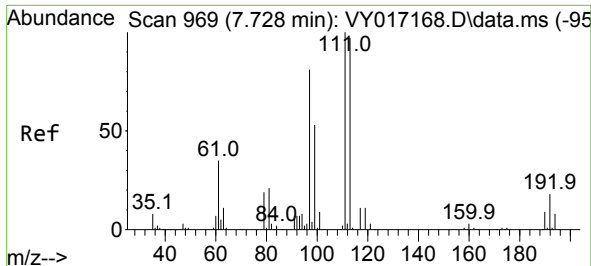
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 14.3 0.0 29.0

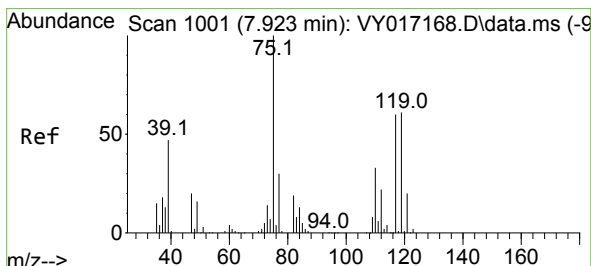
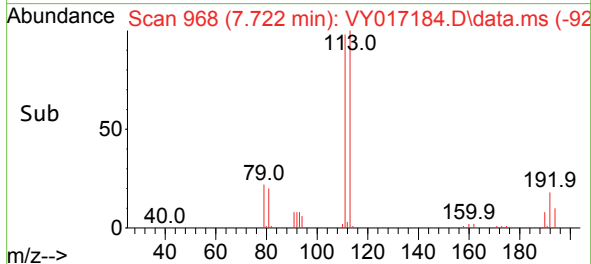
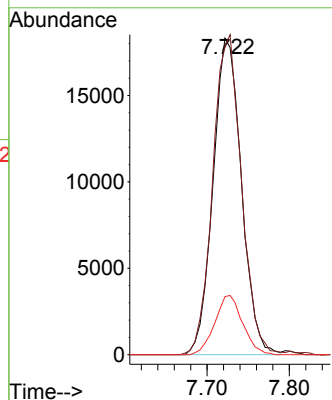
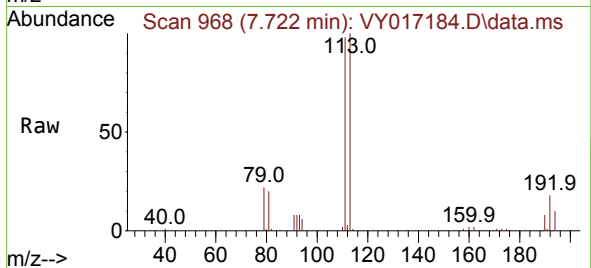




#35
Dibromofluoromethane
Concen: 45.303 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

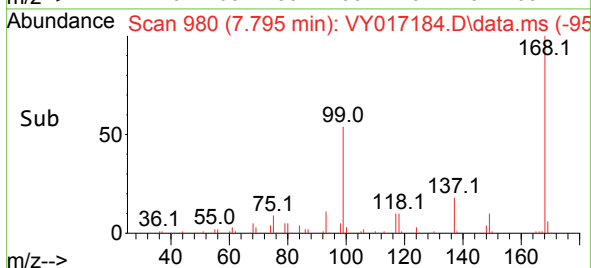
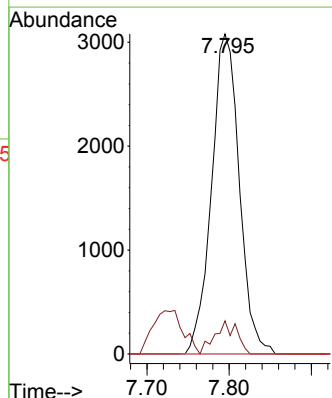
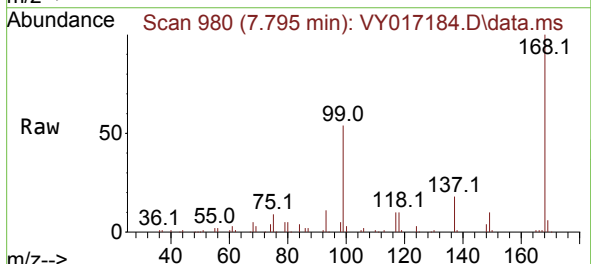
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

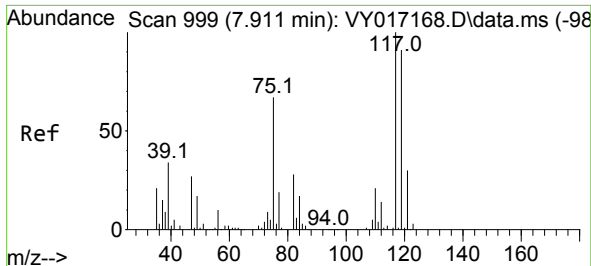
Tgt Ion:113 Resp: 43887
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.315 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

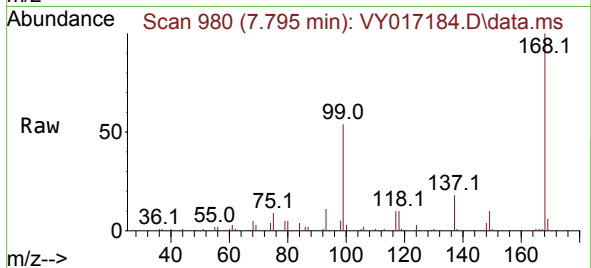
Tgt Ion: 75 Resp: 7210
Ion Ratio Lower Upper
75 100
110 8.1 17.4 52.3#
77 0.0 24.7 37.1#



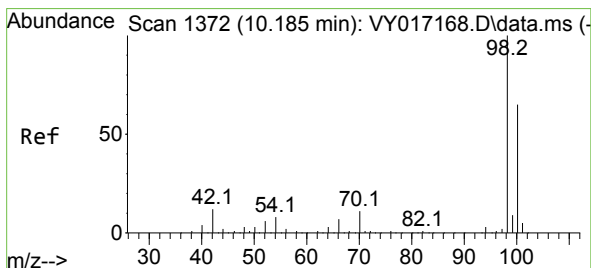
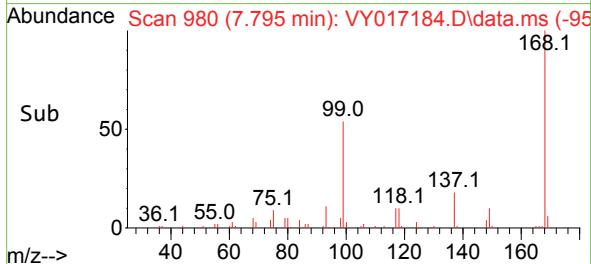
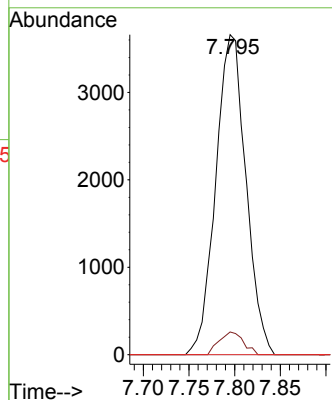


#38
Carbon Tetrachloride
Concen: 5.252 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

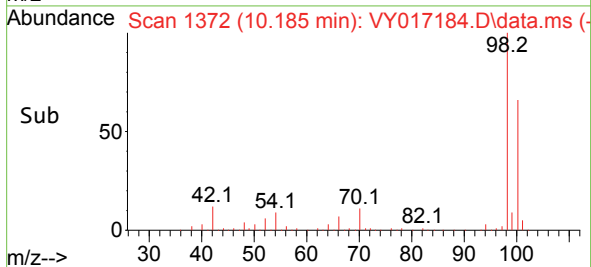
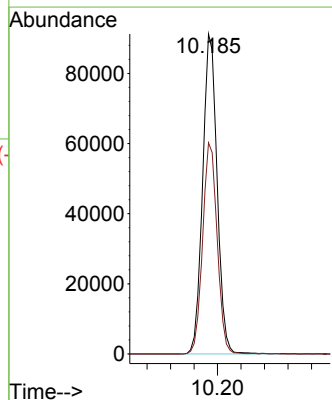
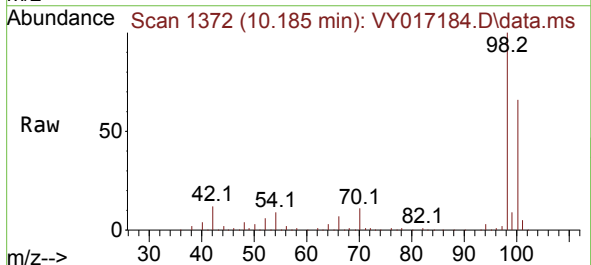


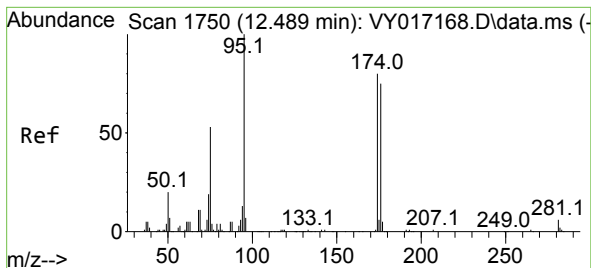
Tgt Ion:117 Resp: 8403
Ion Ratio Lower Upper
117 100
119 7.1 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.299 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

Tgt Ion: 98 Resp: 156251
Ion Ratio Lower Upper
98 100
100 66.2 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 45.663 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017184.D

Acq: 02 Feb 2024 15:14

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

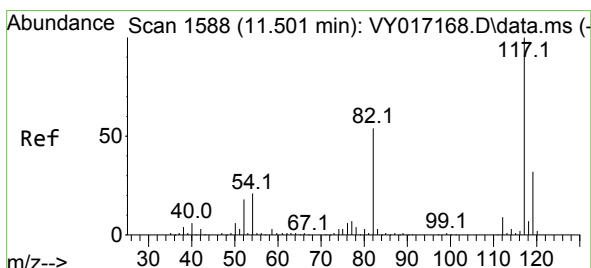
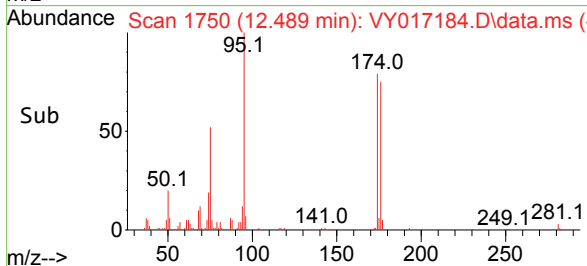
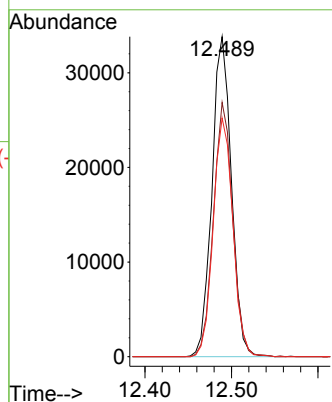
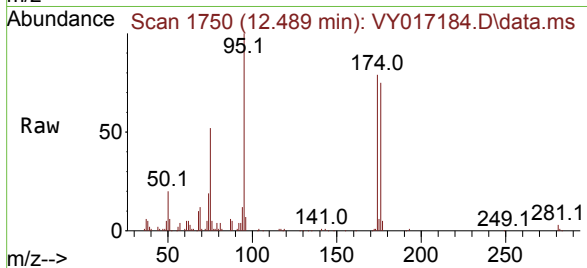
Tgt Ion: 95 Resp: 52760

Ion Ratio Lower Upper

95 100

174 78.8 0.0 160.0

176 75.4 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 1587

Delta R.T. -0.006 min

Lab File: VY017184.D

Acq: 02 Feb 2024 15:14

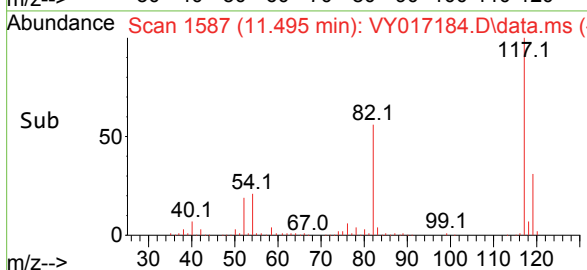
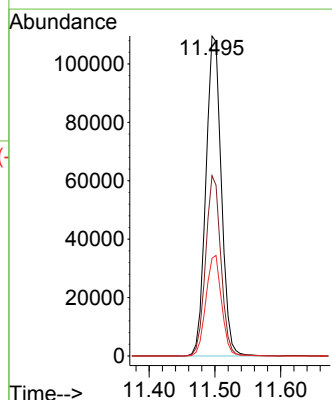
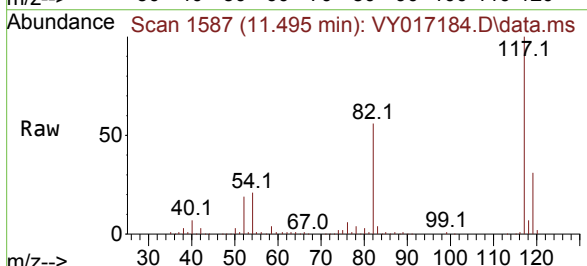
Tgt Ion: 117 Resp: 179291

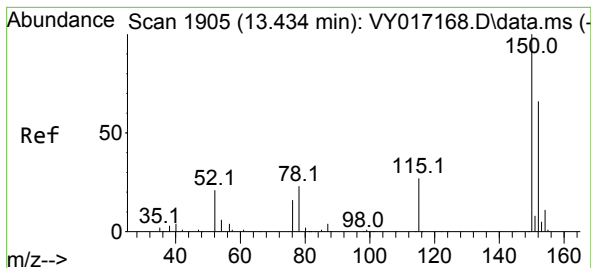
Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 30.6 26.5 39.7

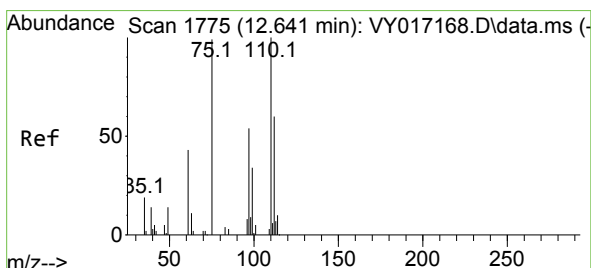
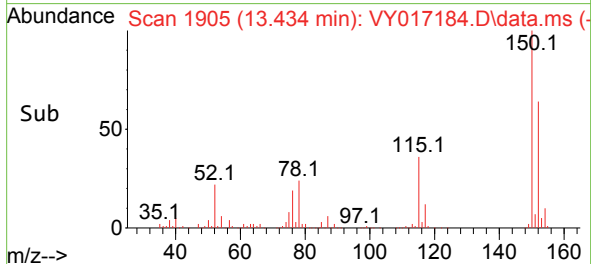
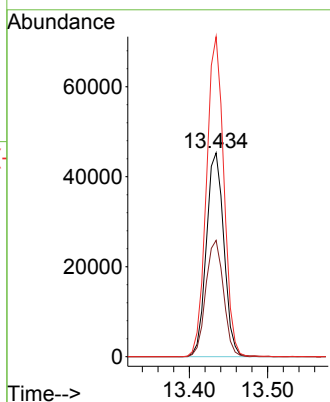
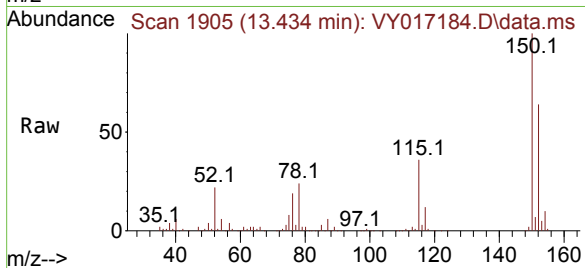




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

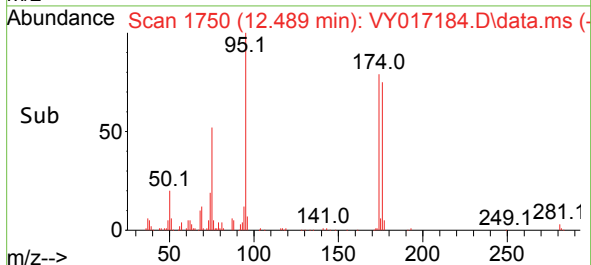
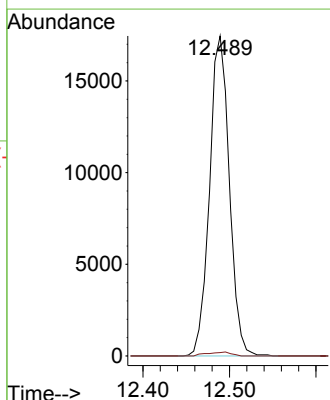
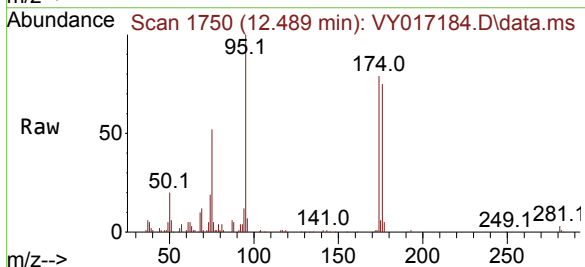
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

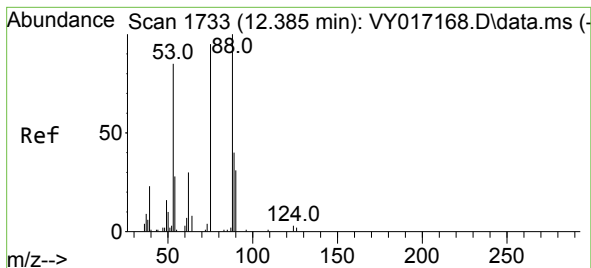
Tgt Ion:152 Resp: 70334
Ion Ratio Lower Upper
152 100
115 57.8 30.0 90.0
150 156.0 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 42.684 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

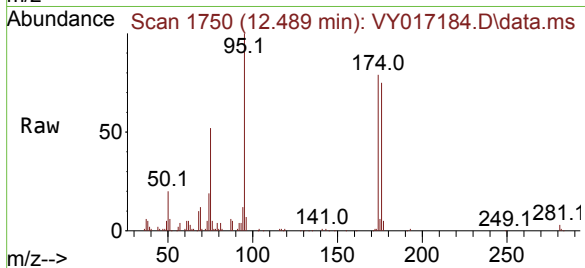
Tgt Ion: 75 Resp: 27709
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



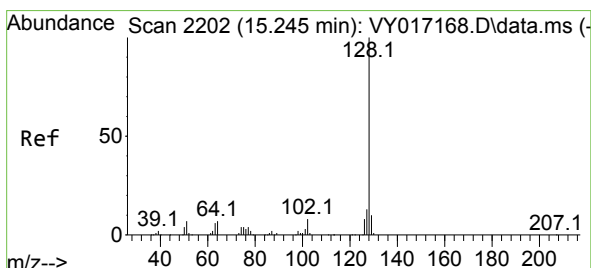
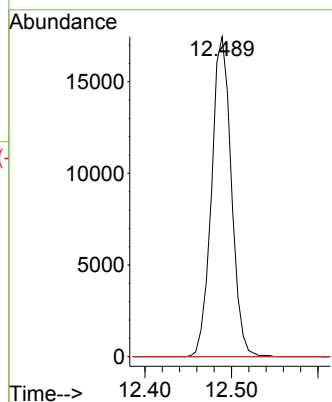
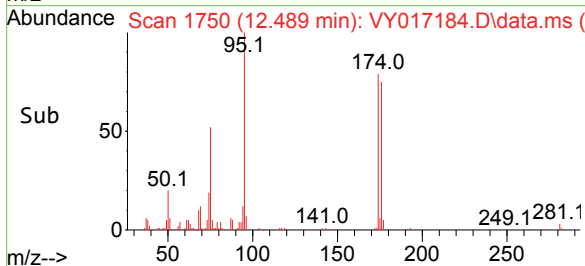


#81
trans-1,4-Dichloro-2-butene
Concen: 88.691 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



Tgt Ion: 75 Resp: 27709
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.515 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

Tgt Ion: 128 Resp: 184
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

