

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017593.D
 Acq On : 06 Mar 2024 16:38
 Operator : SY/MD
 Sample : P1688-02
 Misc : 3.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Mar 07 02:09:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

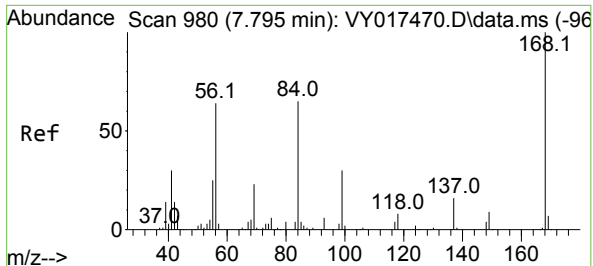
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	107145	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	192014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55715	54.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.740%	
35) Dibromofluoromethane	7.710	113	63785	47.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.340%	
50) Toluene-d8	10.179	98	222333	47.525	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.060%	
62) 4-Bromofluorobenzene	12.483	95	61383	41.751	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.500%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	550	2.793	ug/l #	36
20) Methylene Chloride	4.716	84	5361	Below Cal		88
31) Cyclohexane	7.783	56	1763	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7722	4.277	ug/l #	48
38) Carbon Tetrachloride	7.783	117	9703	5.363	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	763	1.093	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	30183	45.944	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30183	105.569	ug/l #	16
95) Naphthalene	15.239	128	581	4.162	ug/l #	73

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

Quant Time: Mar 07 02:09:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
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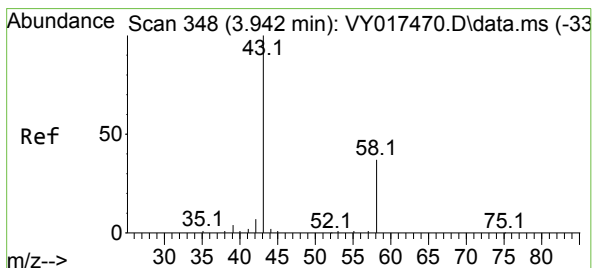
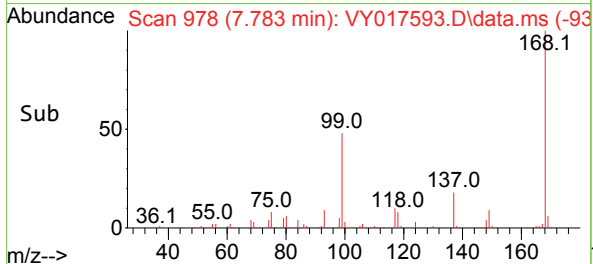
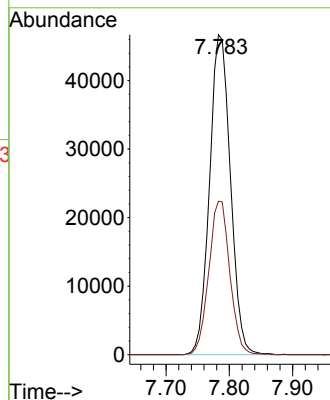
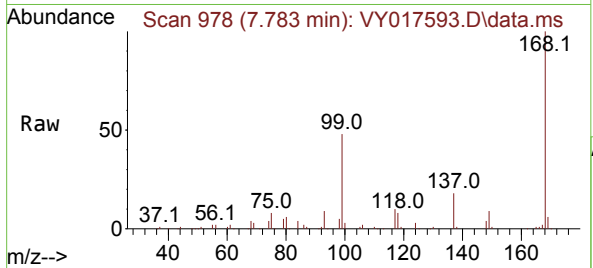




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

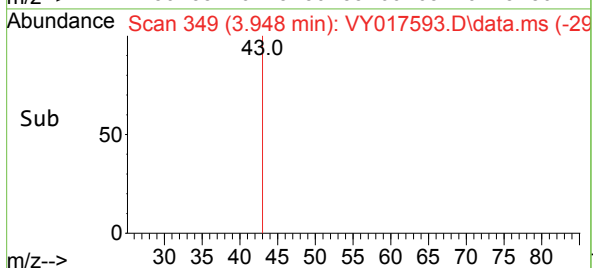
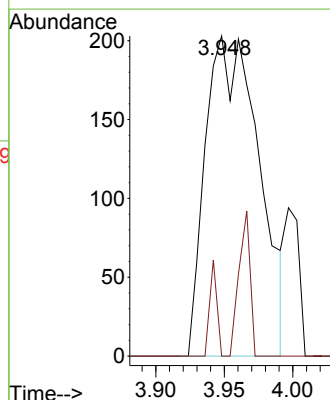
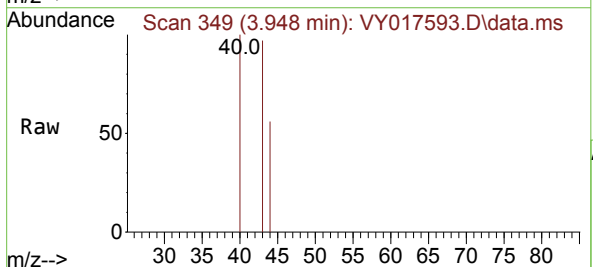
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

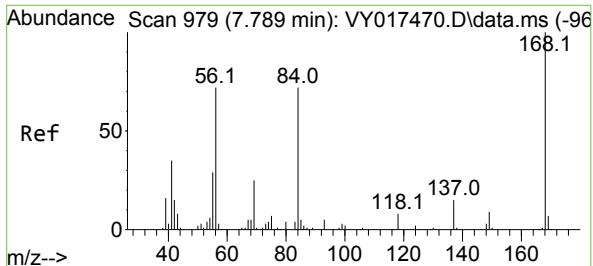
Tgt Ion:168 Resp: 107145
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#16
Acetone
Concen: 2.793 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

Tgt Ion: 43 Resp: 550
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

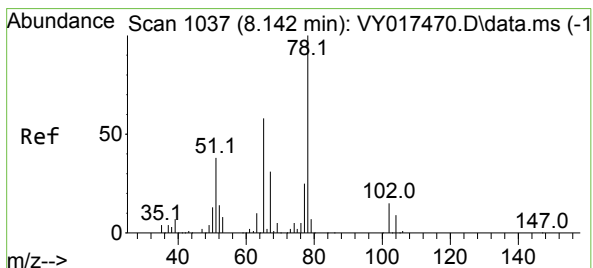
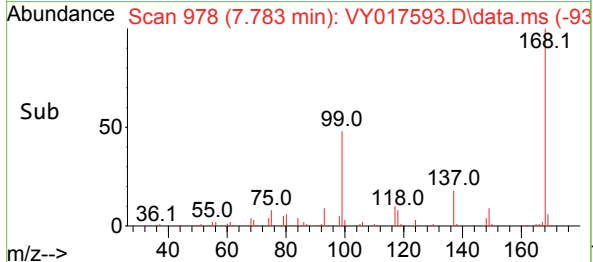
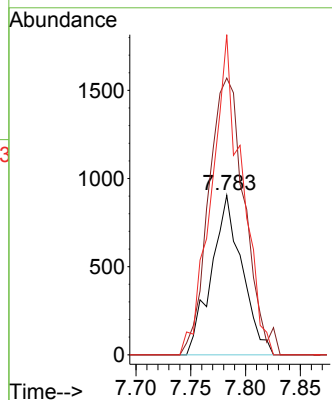
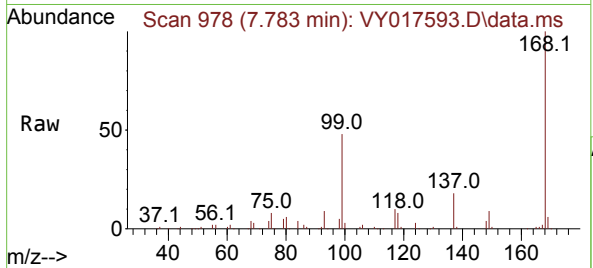




#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

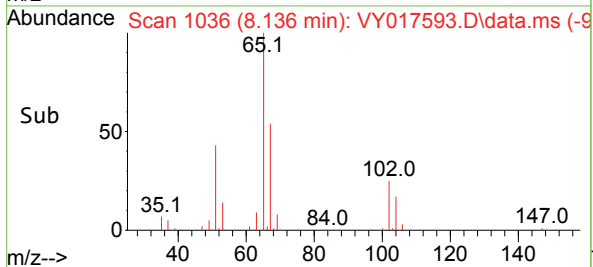
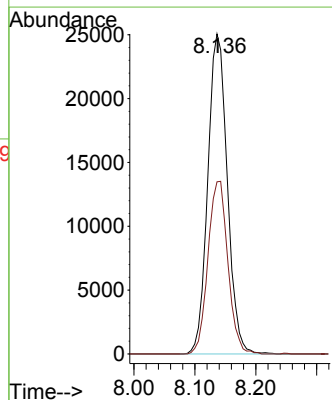
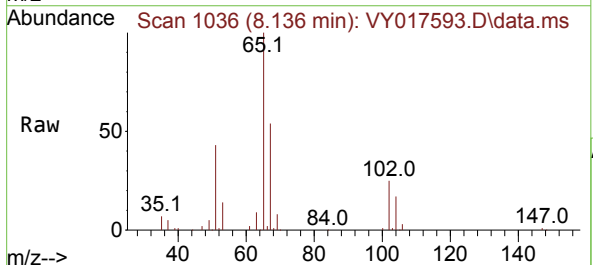
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

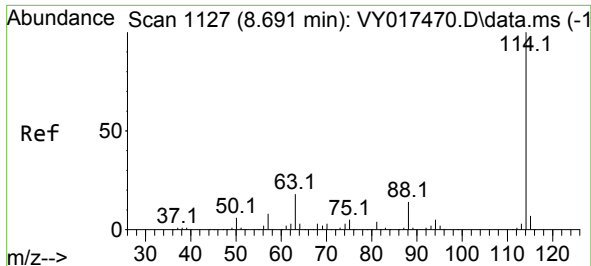
Tgt Ion: 56 Resp: 1763
Ion Ratio Lower Upper
56 100
69 173.5 28.7 43.1#
84 200.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.868 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

Tgt Ion: 65 Resp: 55715
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017593.D

Acq: 06 Mar 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

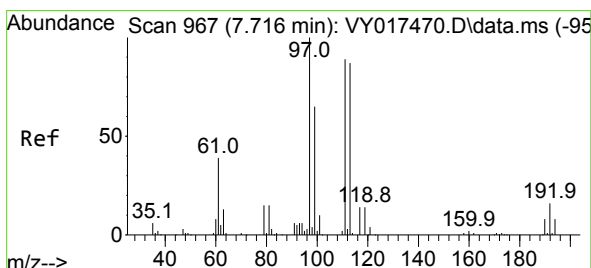
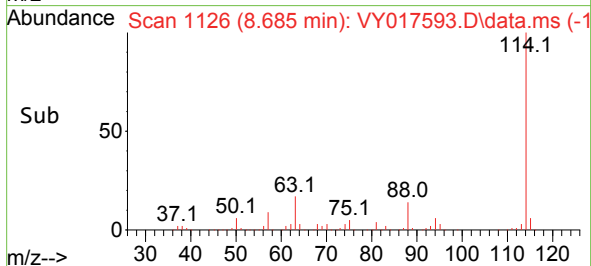
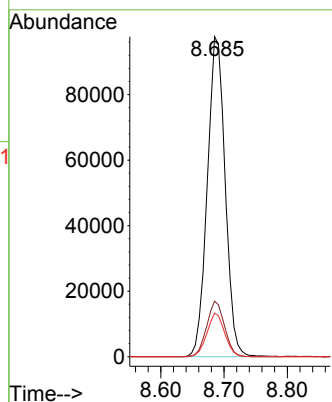
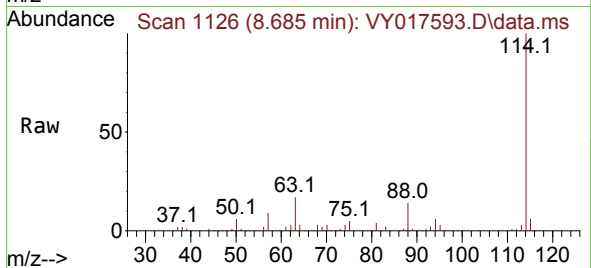
Tgt Ion:114 Resp: 192014

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.671 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017593.D

Acq: 06 Mar 2024 16:38

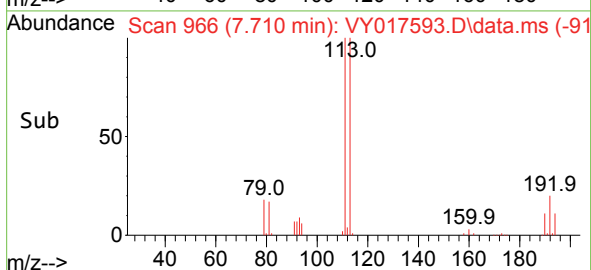
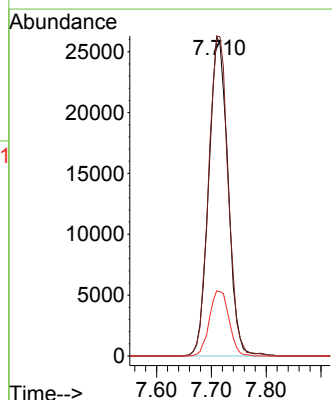
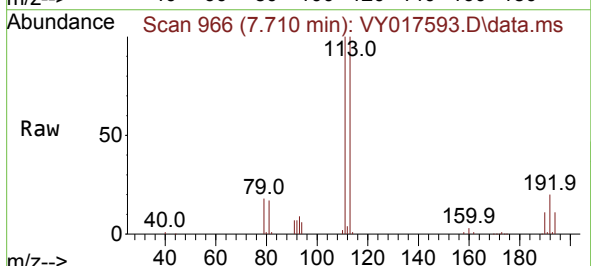
Tgt Ion:113 Resp: 63785

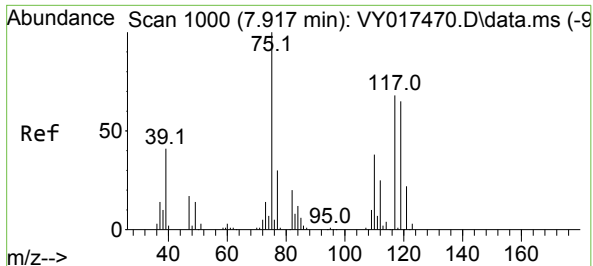
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 20.8 15.9 23.9

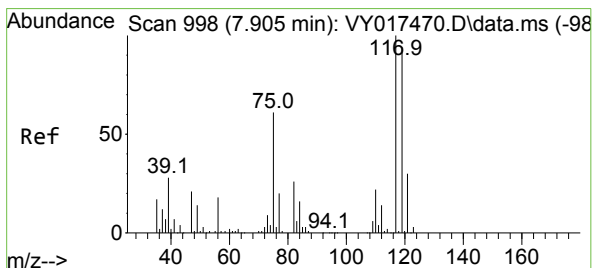
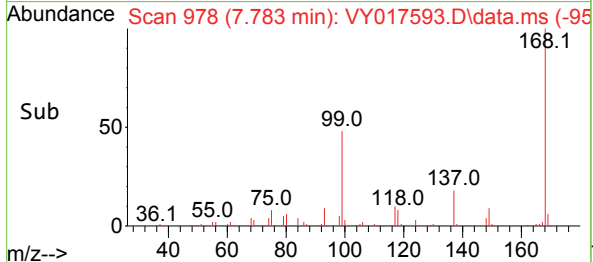
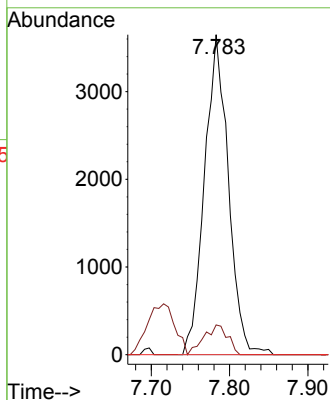
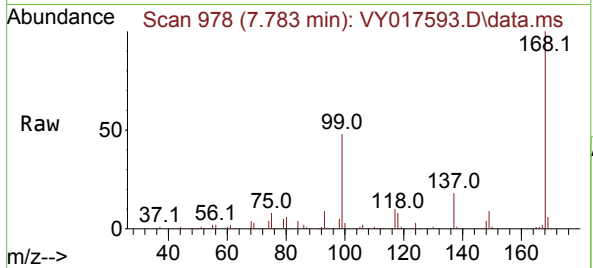




#36
1,1-Dichloropropene
Concen: 4.277 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

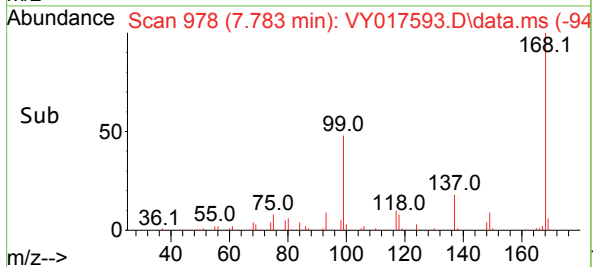
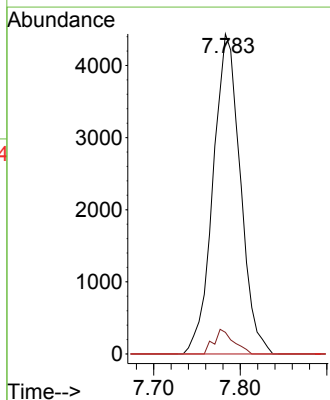
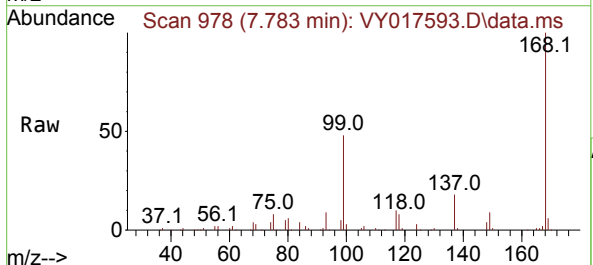
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

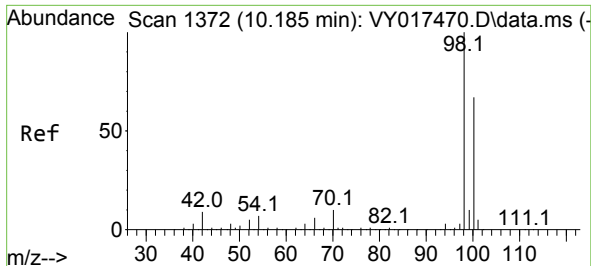
Tgt Ion: 75 Resp: 7722
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.363 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

Tgt Ion: 117 Resp: 9703
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.525 ug/l

RT: 10.179 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY017593.D

Acq: 06 Mar 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

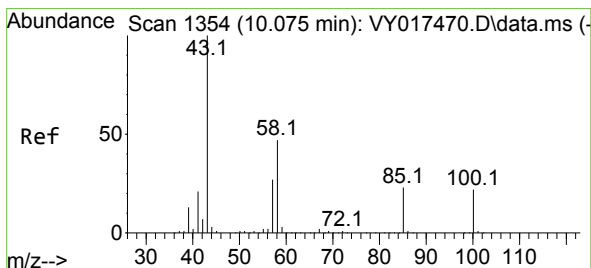
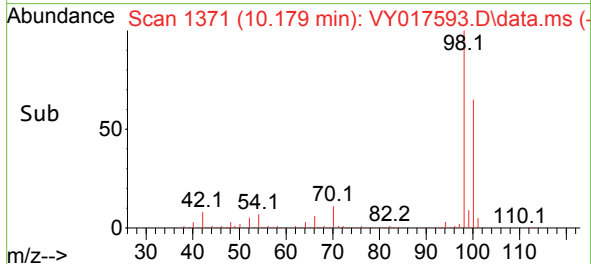
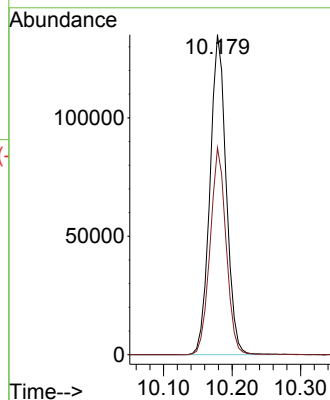
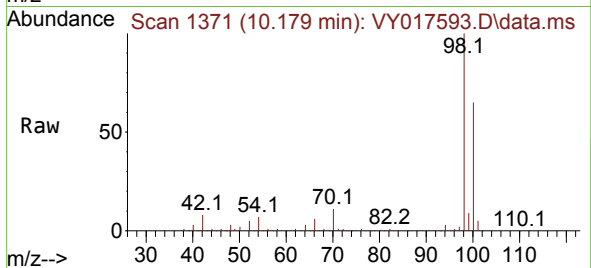
COMP-2

Tgt Ion: 98 Resp: 222333

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.093 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.104 min

Lab File: VY017593.D

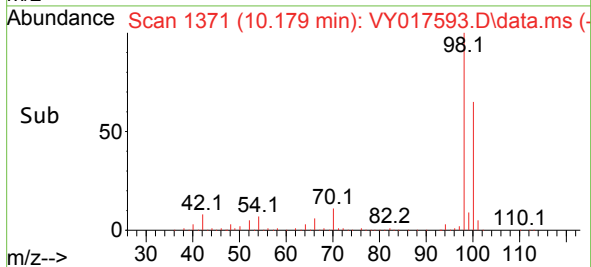
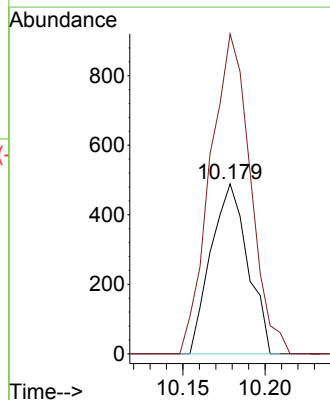
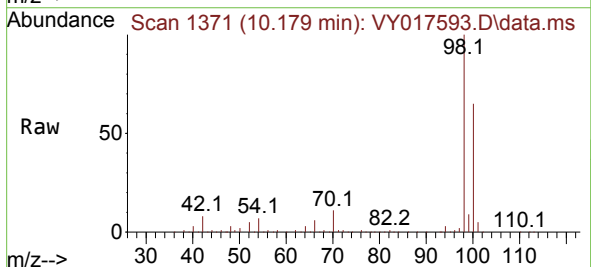
Acq: 06 Mar 2024 16:38

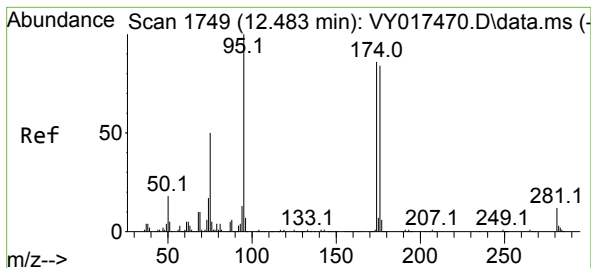
Tgt Ion: 43 Resp: 763

Ion Ratio Lower Upper

43 100

58 205.1 35.7 53.5#

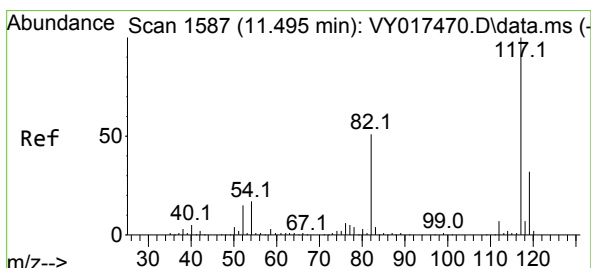
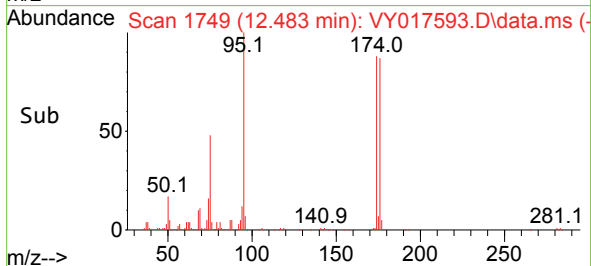
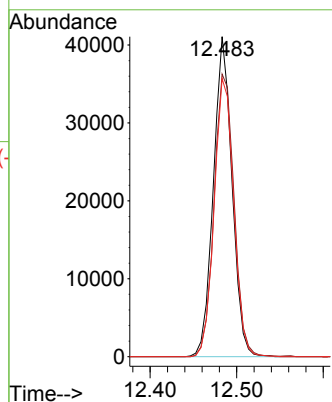
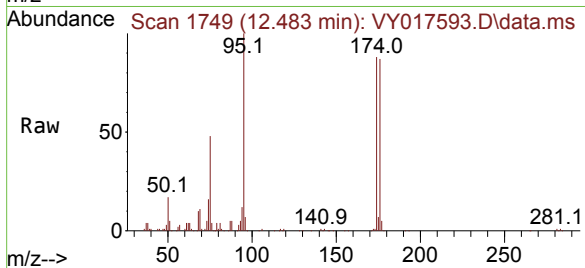




#62
4-Bromofluorobenzene
Concen: 41.751 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

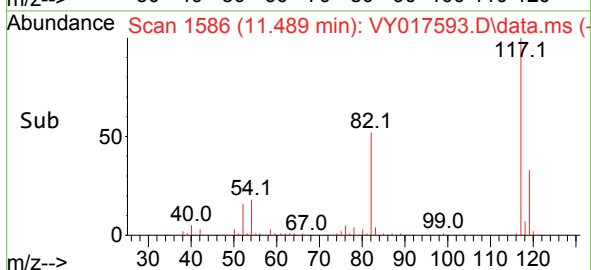
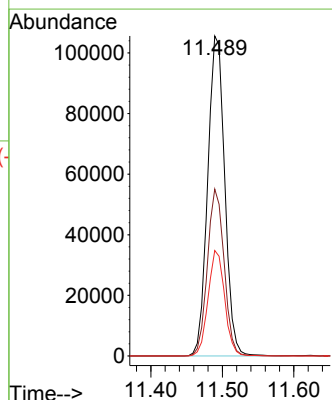
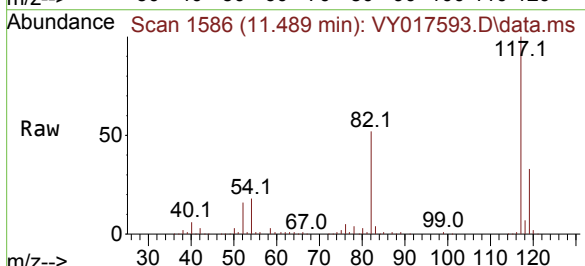
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

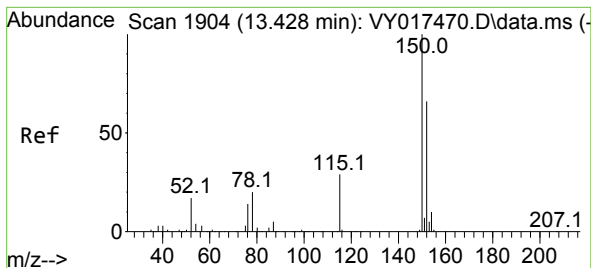
Tgt Ion: 95 Resp: 61383
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 91.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

Tgt Ion: 117 Resp: 174857
Ion Ratio Lower Upper
117 100
82 52.2 42.4 63.6
119 33.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017593.D

Acq: 06 Mar 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

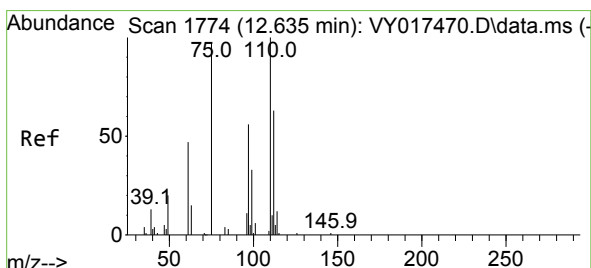
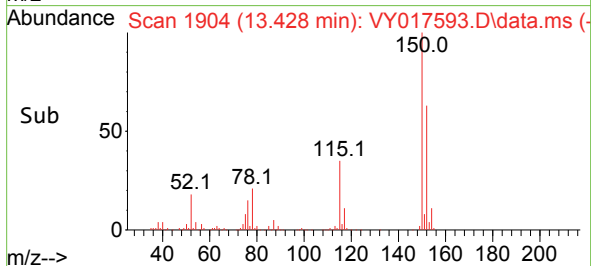
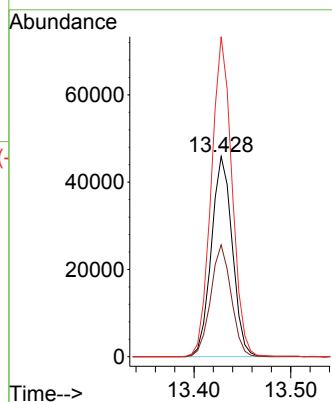
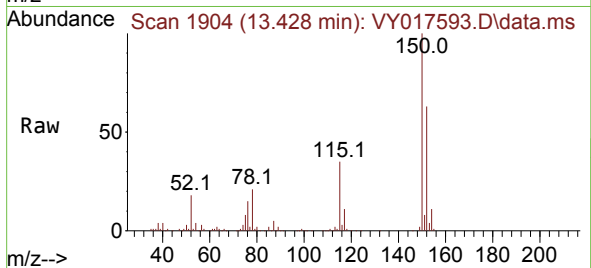
Tgt Ion:152 Resp: 69142

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 157.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 45.944 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017593.D

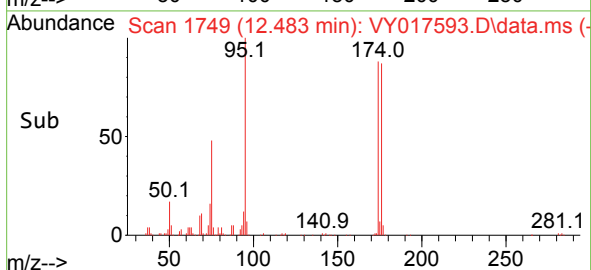
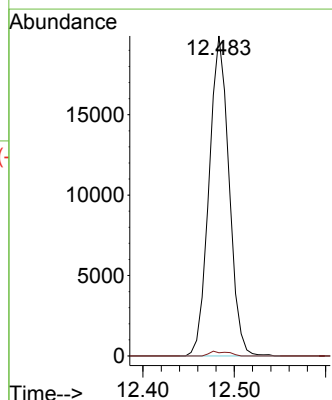
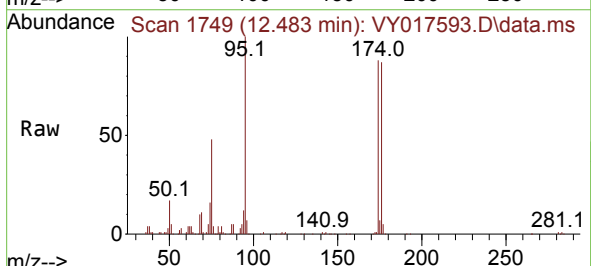
Acq: 06 Mar 2024 16:38

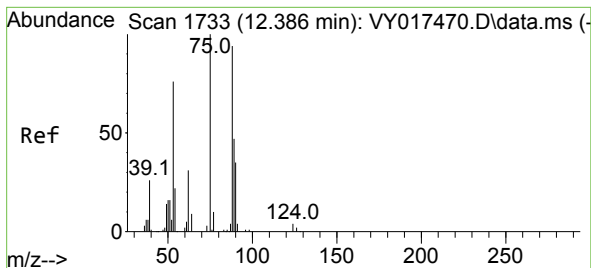
Tgt Ion: 75 Resp: 30183

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

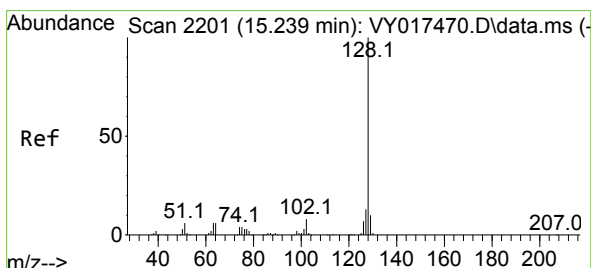
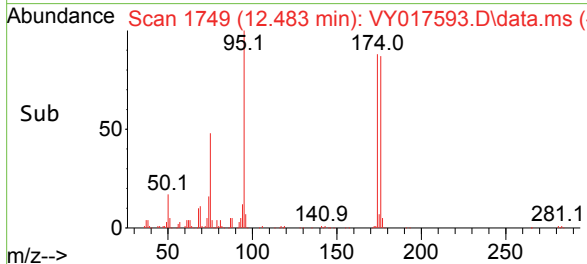
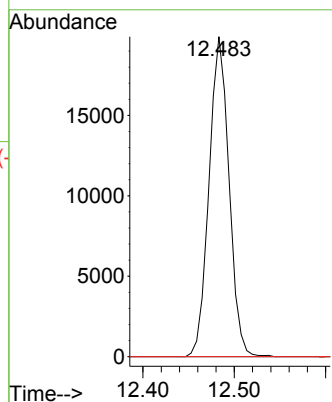
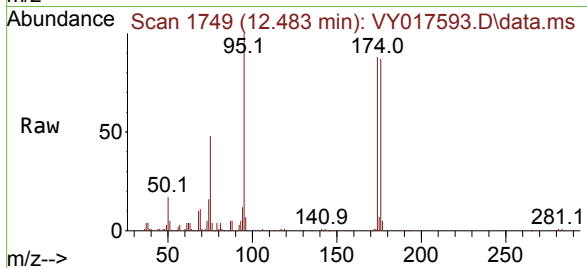




#81
trans-1,4-Dichloro-2-butene
Concen: 105.569 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion: 75 Resp: 30183
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.162 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

Tgt Ion:128 Resp: 581
Ion Ratio Lower Upper
128 100
127 3.3 10.6 16.0#
129 0.0 8.6 13.0#

