

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017201.D
 Acq On : 02 Feb 2024 23:23
 Operator : SY/MD
 Sample : P1341-02RE
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

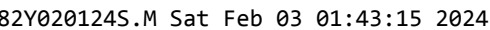
Quant Time: Feb 03 01:43:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

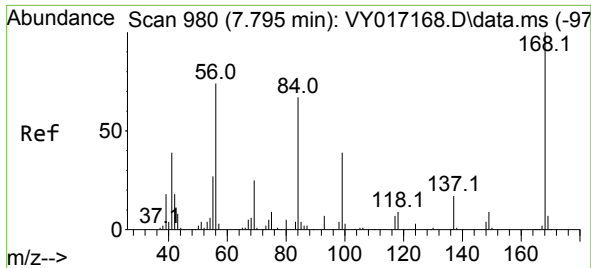
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	84280	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	177822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	177041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	68249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	39869	52.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.900%	
35) Dibromofluoromethane	7.734	113	42291	44.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.100%	
50) Toluene-d8	10.197	98	155968	44.617	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.240%	
62) 4-Bromofluorobenzene	12.496	95	50514	44.112	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	423	Below Cal	#	75
16) Acetone	3.960	43	552	2.494	ug/l	89
20) Methylene Chloride	4.741	84	5324	2.550	ug/l #	83
31) Cyclohexane	7.807	56	1817	1.197	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6929	4.184	ug/l #	48
38) Carbon Tetrachloride	7.807	117	8372	5.280	ug/l #	17
56) Ethyl methacrylate	10.721	69	21	3.022	ug/l #	27
76) 1,2,3-Trichloropropane	12.496	75	26640	42.291	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	26640	87.874	ug/l #	12
95) Naphthalene	15.257	128	687	3.778	ug/l #	86

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

Quant Time: Feb 03 01:43:02 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

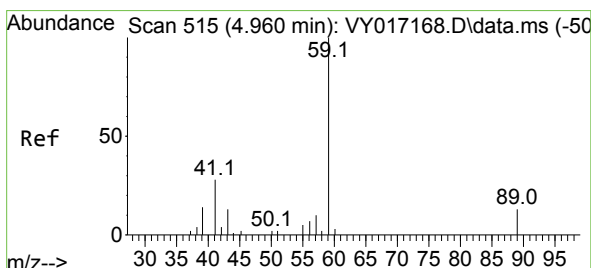
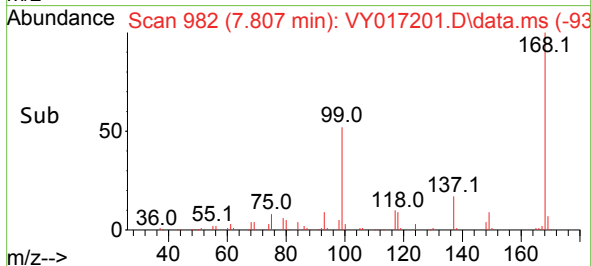
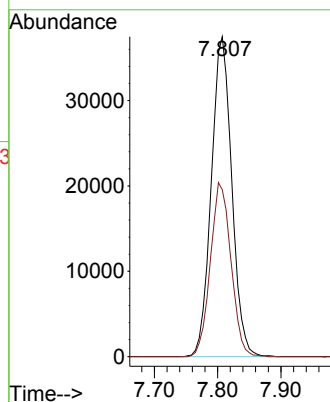
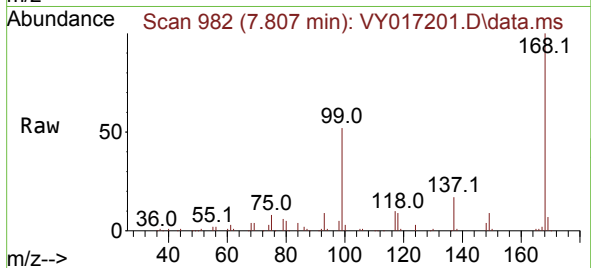




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017201.D
Acq: 02 Feb 2024 23:23

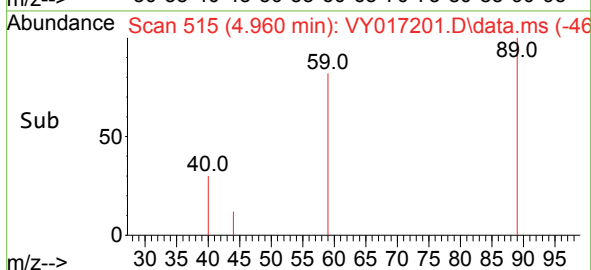
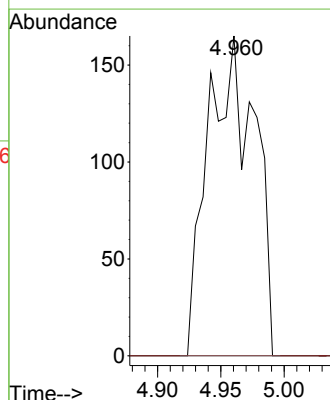
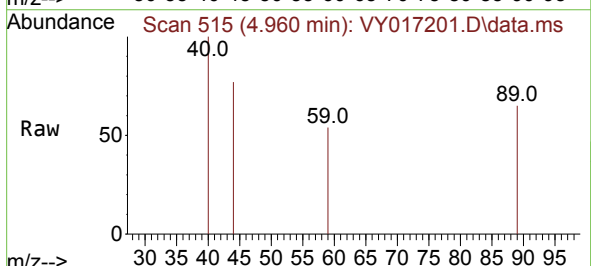
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:168 Resp: 84280
Ion Ratio Lower Upper
168 100
99 52.2 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY017201.D
Acq: 02 Feb 2024 23:23

Tgt Ion: 59 Resp: 423
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 2.494 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.013 min

Lab File: VY017201.D

Acq: 02 Feb 2024 23:23

Instrument :

MSVOA_Y

ClientSampleId :

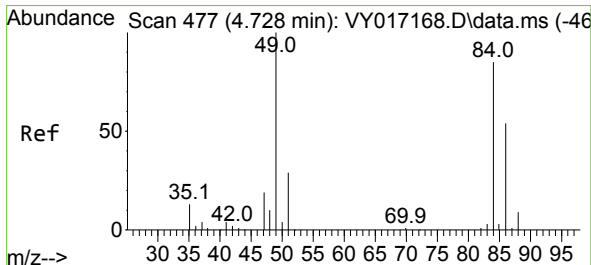
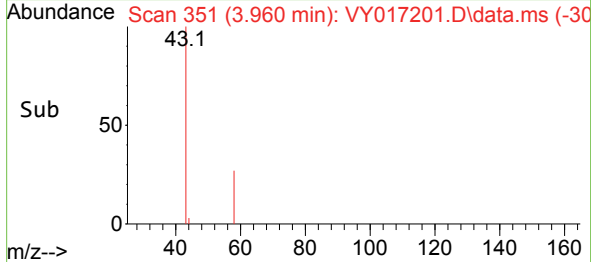
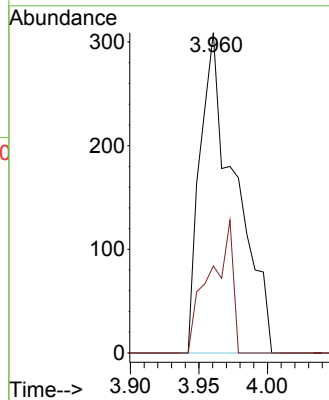
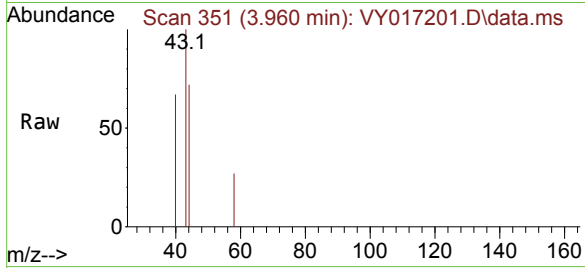
COMP-2

Tgt Ion: 43 Resp: 552

Ion Ratio Lower Upper

43 100

58 27.2 26.6 39.8



#20

Methylene Chloride

Concen: 2.550 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.013 min

Lab File: VY017201.D

Acq: 02 Feb 2024 23:23

Tgt Ion: 84 Resp: 5324

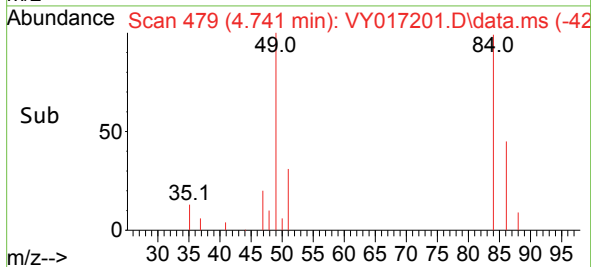
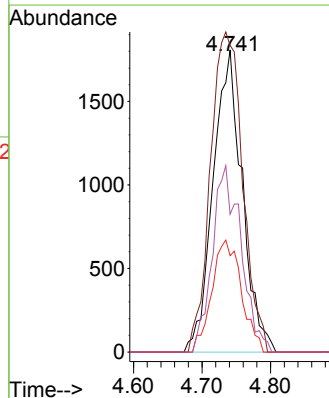
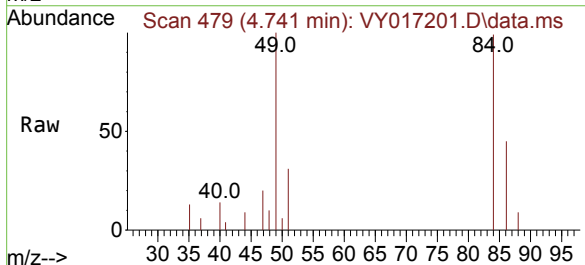
Ion Ratio Lower Upper

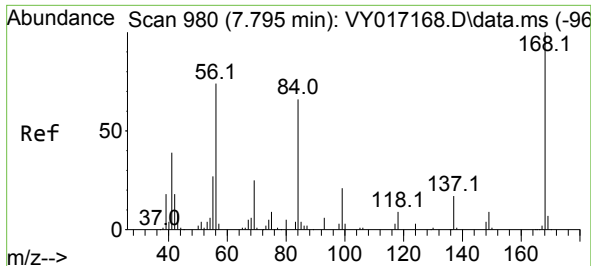
84 100

49 101.5 95.2 142.8

51 31.9 29.9 44.9

86 45.6 52.2 78.4#

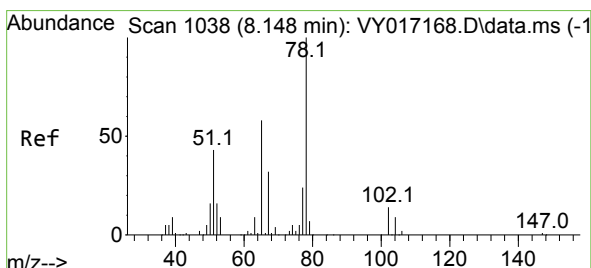
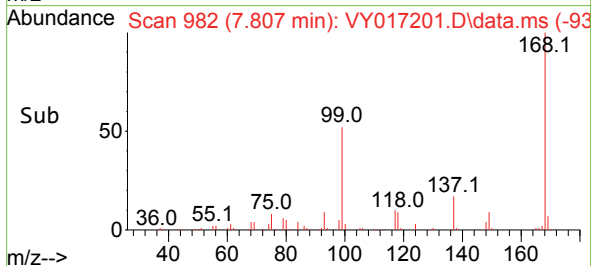
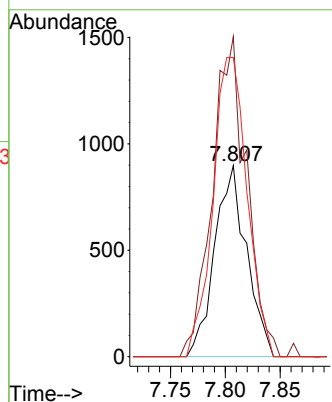
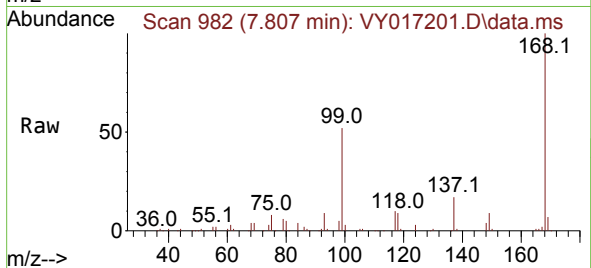




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.013 min
Lab File: VY017201.D
Acq: 02 Feb 2024 23:23

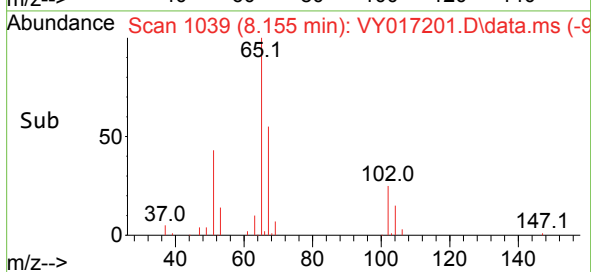
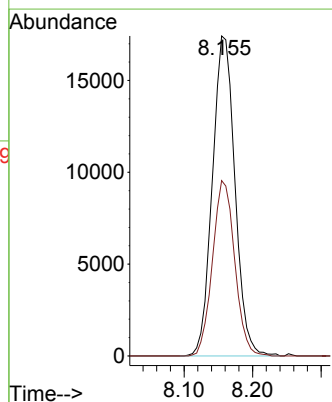
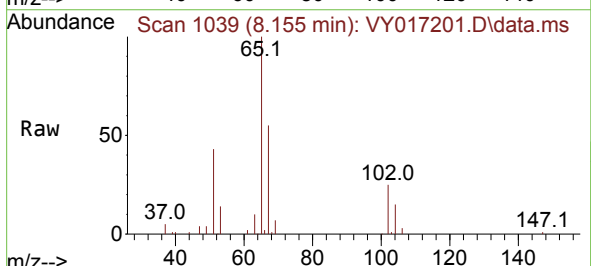
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

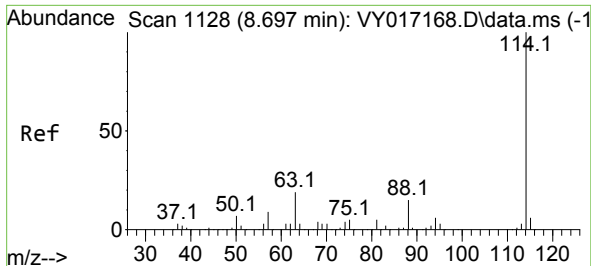
Tgt Ion: 56 Resp: 1817
Ion Ratio Lower Upper
56 100
69 167.5 27.0 40.6#
84 156.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 52.954 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VY017201.D
Acq: 02 Feb 2024 23:23

Tgt Ion: 65 Resp: 39869
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY017201.D

Acq: 02 Feb 2024 23:23

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

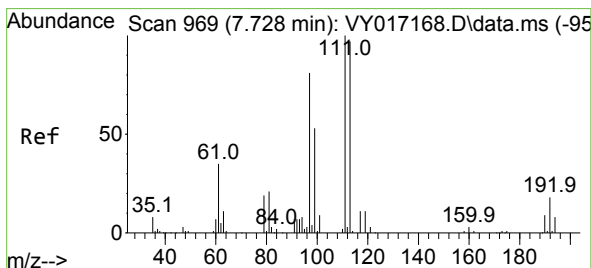
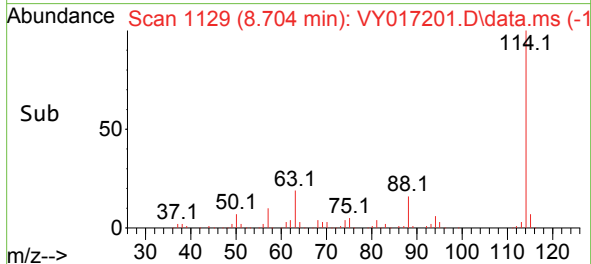
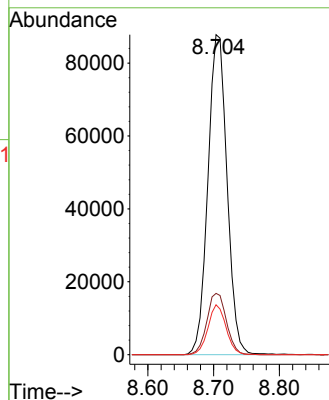
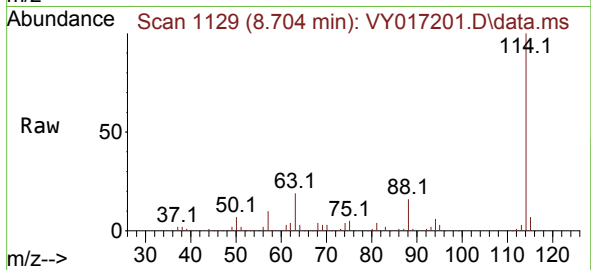
Tgt Ion:114 Resp: 177822

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 15.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.047 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.007 min

Lab File: VY017201.D

Acq: 02 Feb 2024 23:23

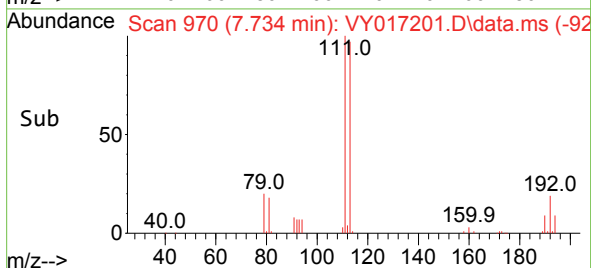
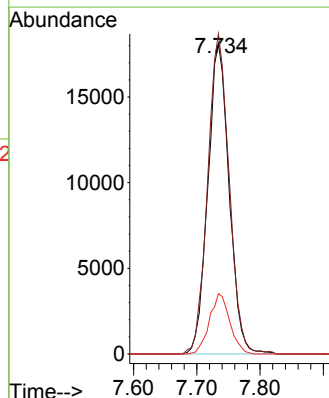
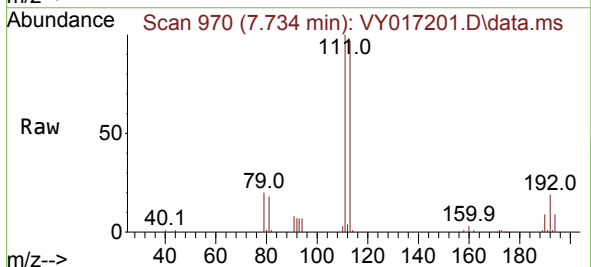
Tgt Ion:113 Resp: 42291

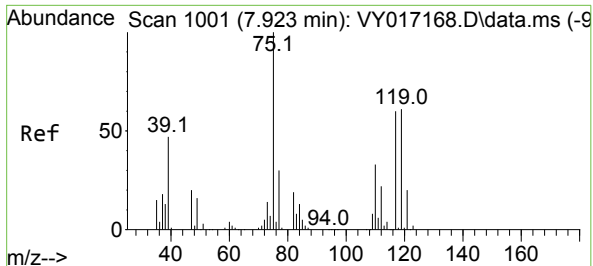
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 18.6 14.5 21.7

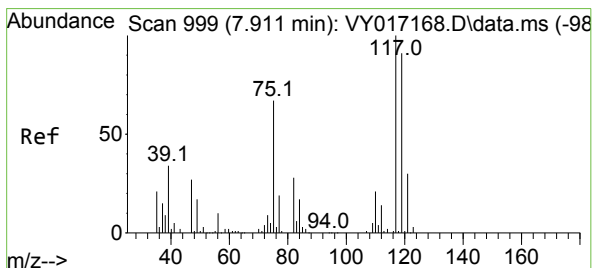
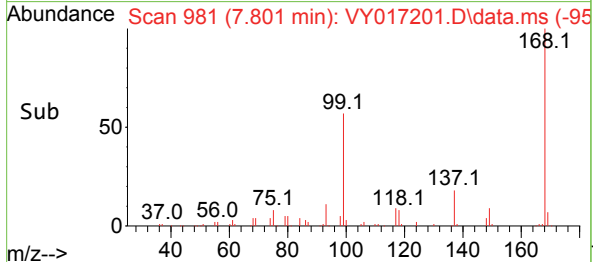
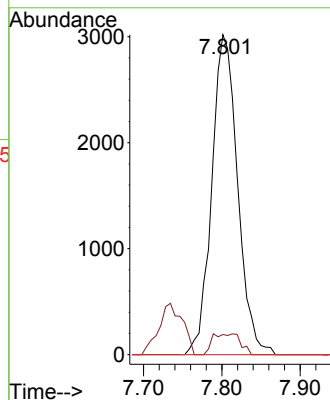
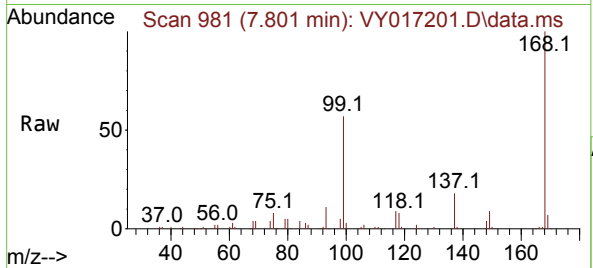




#36
1,1-Dichloropropene
Concen: 4.184 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.121 min
Lab File: VY017201.D
Acq: 02 Feb 2024 23:23

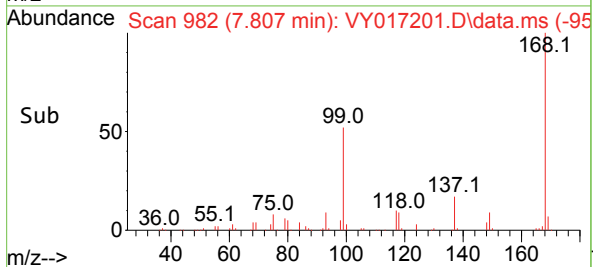
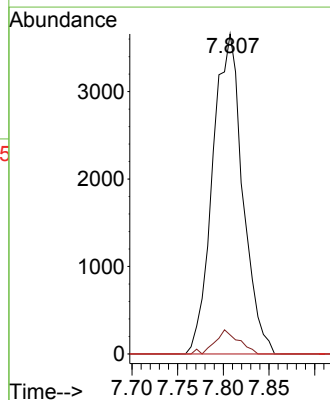
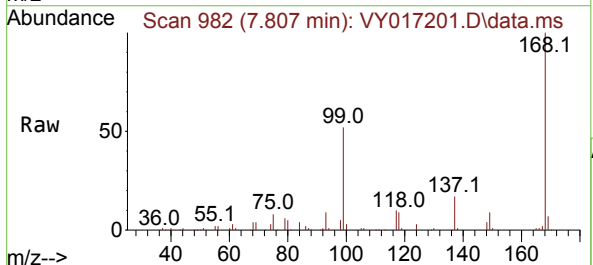
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

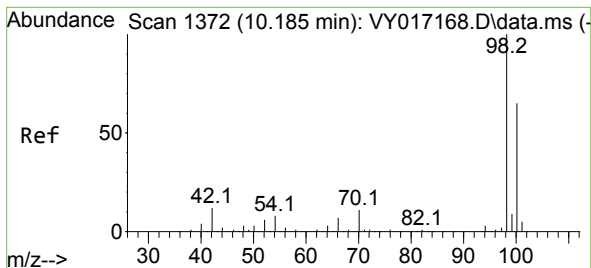
Tgt Ion: 75 Resp: 6929
Ion Ratio Lower Upper
75 100
110 7.0 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.280 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.103 min
Lab File: VY017201.D
Acq: 02 Feb 2024 23:23

Tgt Ion: 117 Resp: 8372
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 44.617 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY017201.D

Acq: 02 Feb 2024 23:23

Instrument :

MSVOA_Y

ClientSampleId :

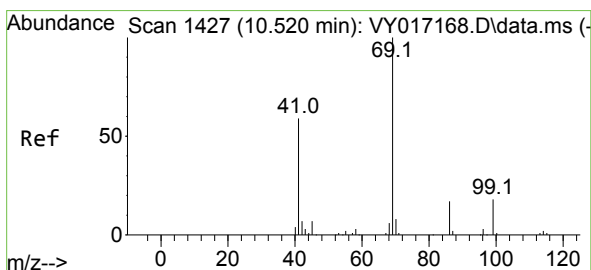
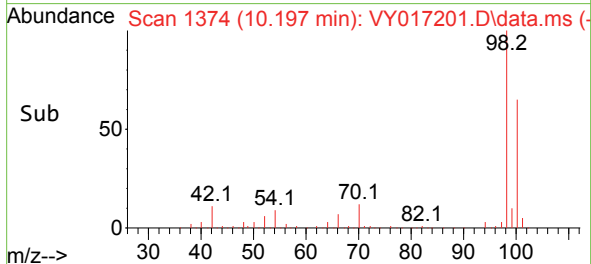
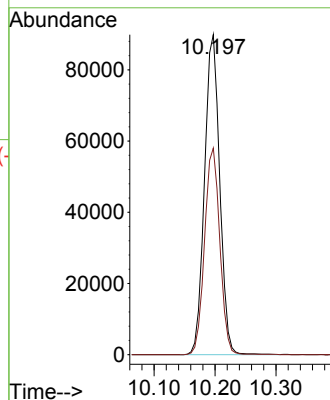
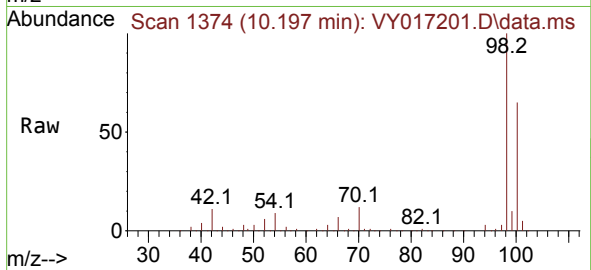
COMP-2

Tgt Ion: 98 Resp: 155968

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#56

Ethyl methacrylate

Concen: 3.022 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.201 min

Lab File: VY017201.D

Acq: 02 Feb 2024 23:23

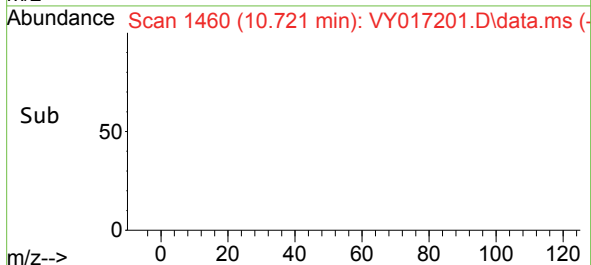
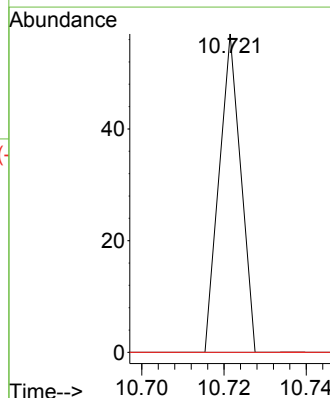
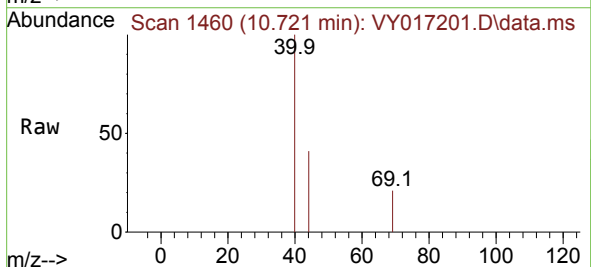
Tgt Ion: 69 Resp: 21

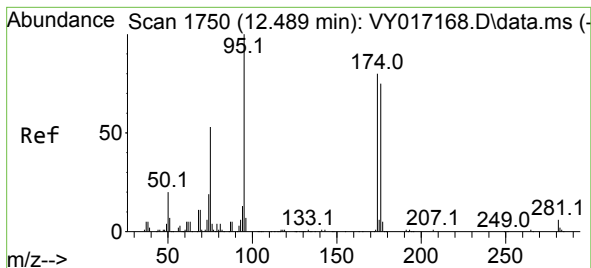
Ion Ratio Lower Upper

69 100

41 0.0 49.2 73.8#

39 0.0 26.8 40.2#

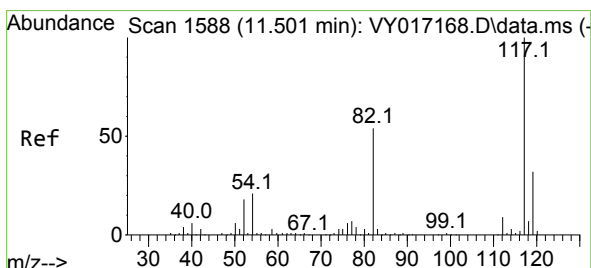
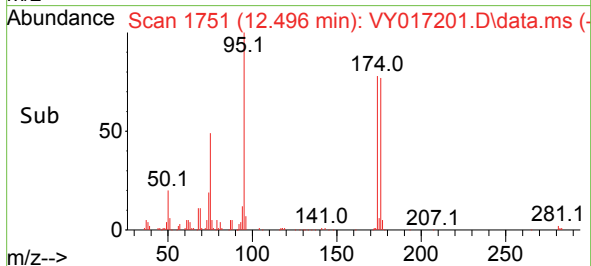
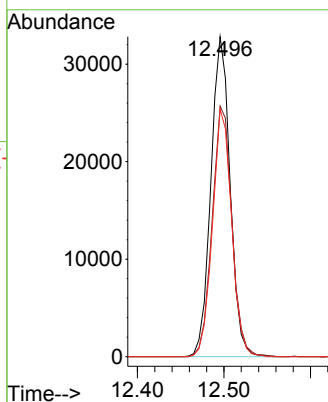
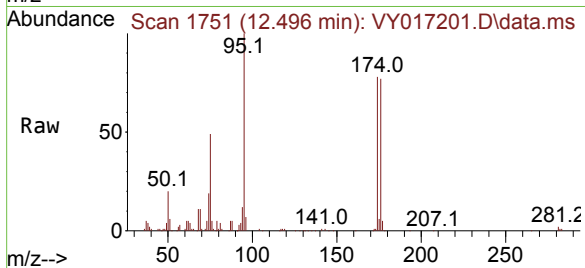




#62
4-Bromofluorobenzene
Concen: 44.112 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY017201.D
Acq: 02 Feb 2024 23:23

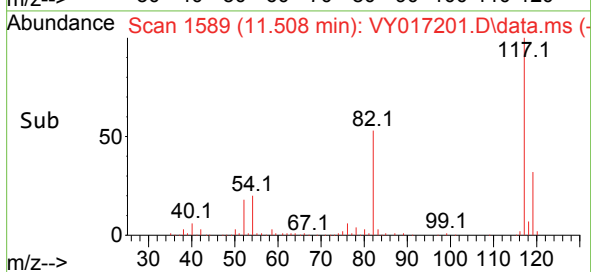
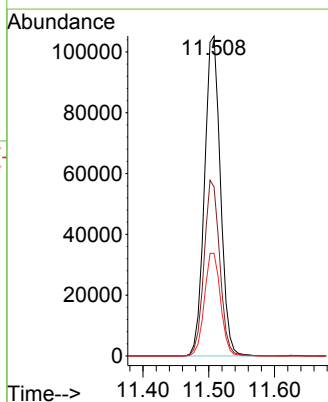
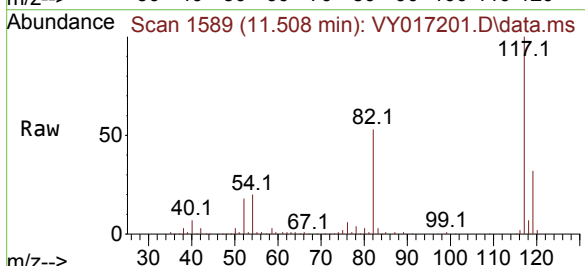
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

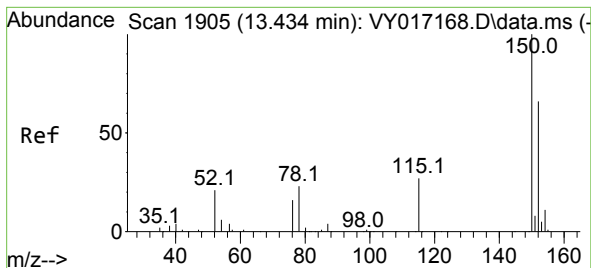
Tgt Ion: 95	Resp: 50514
Ion Ratio	Lower Upper
95 100	
174 80.6	0.0 160.0
176 76.9	0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.007 min
Lab File: VY017201.D
Acq: 02 Feb 2024 23:23

Tgt Ion: 117	Resp: 177041
Ion Ratio	Lower Upper
117 100	
82 52.9	43.8 65.8
119 32.1	26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.007 min

Lab File: VY017201.D

Acq: 02 Feb 2024 23:23

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

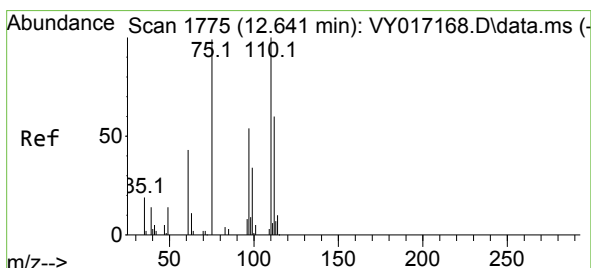
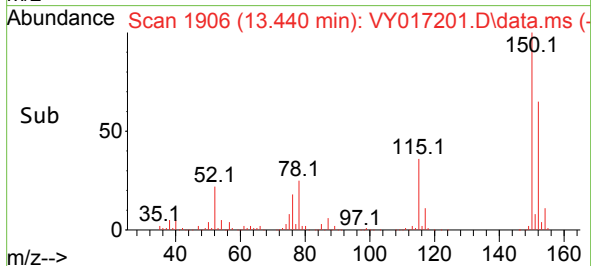
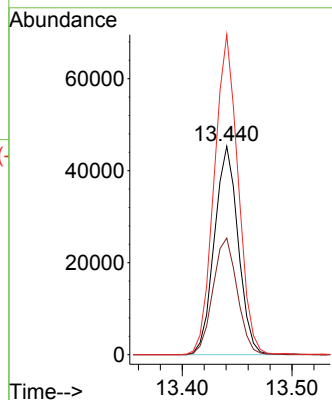
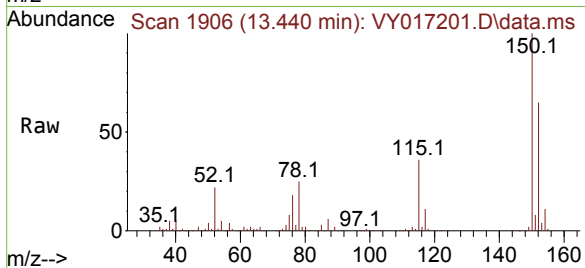
Tgt Ion:152 Resp: 68249

Ion Ratio Lower Upper

152 100

115 57.4 30.0 90.0

150 154.8 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 42.291 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY017201.D

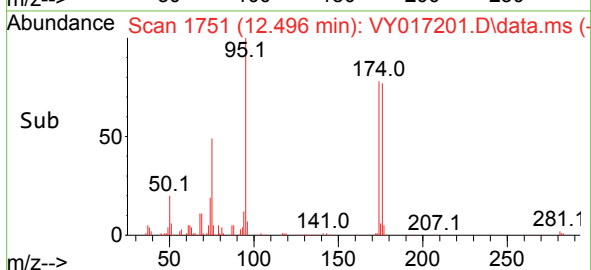
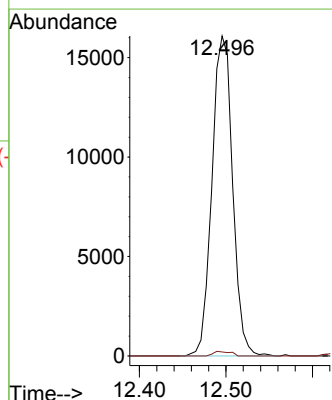
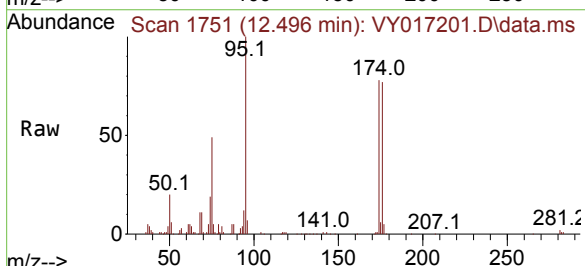
Acq: 02 Feb 2024 23:23

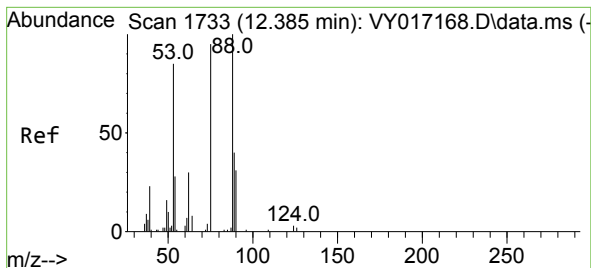
Tgt Ion: 75 Resp: 26640

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

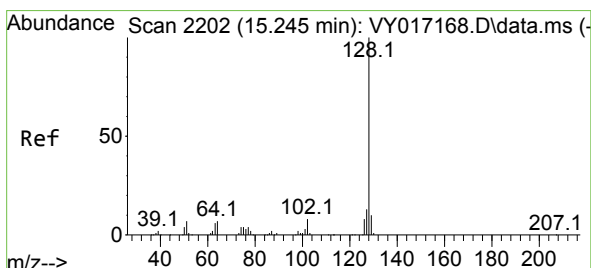
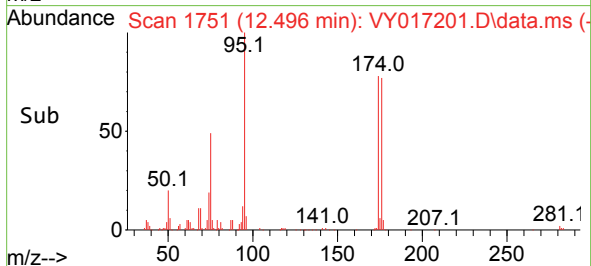
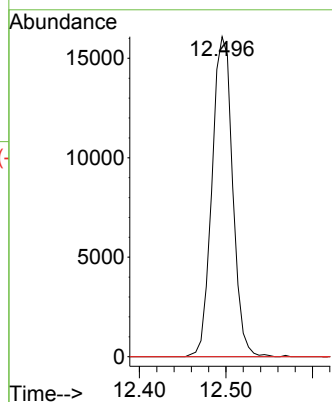
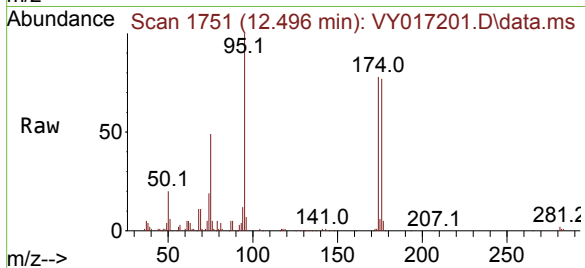




#81
trans-1,4-Dichloro-2-butene
Concen: 87.874 ug/l
RT: 12.496 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017201.D
Acq: 02 Feb 2024 23:23

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion: 75 Resp: 26640
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.778 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY017201.D
Acq: 02 Feb 2024 23:23

Tgt Ion: 128 Resp: 687
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.4
129 0.0 8.6 12.8#

