

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014085.D
 Acq On : 08 Jun 2023 19:59
 Operator : KP/MD
 Sample : 03094-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jun 09 04:24:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

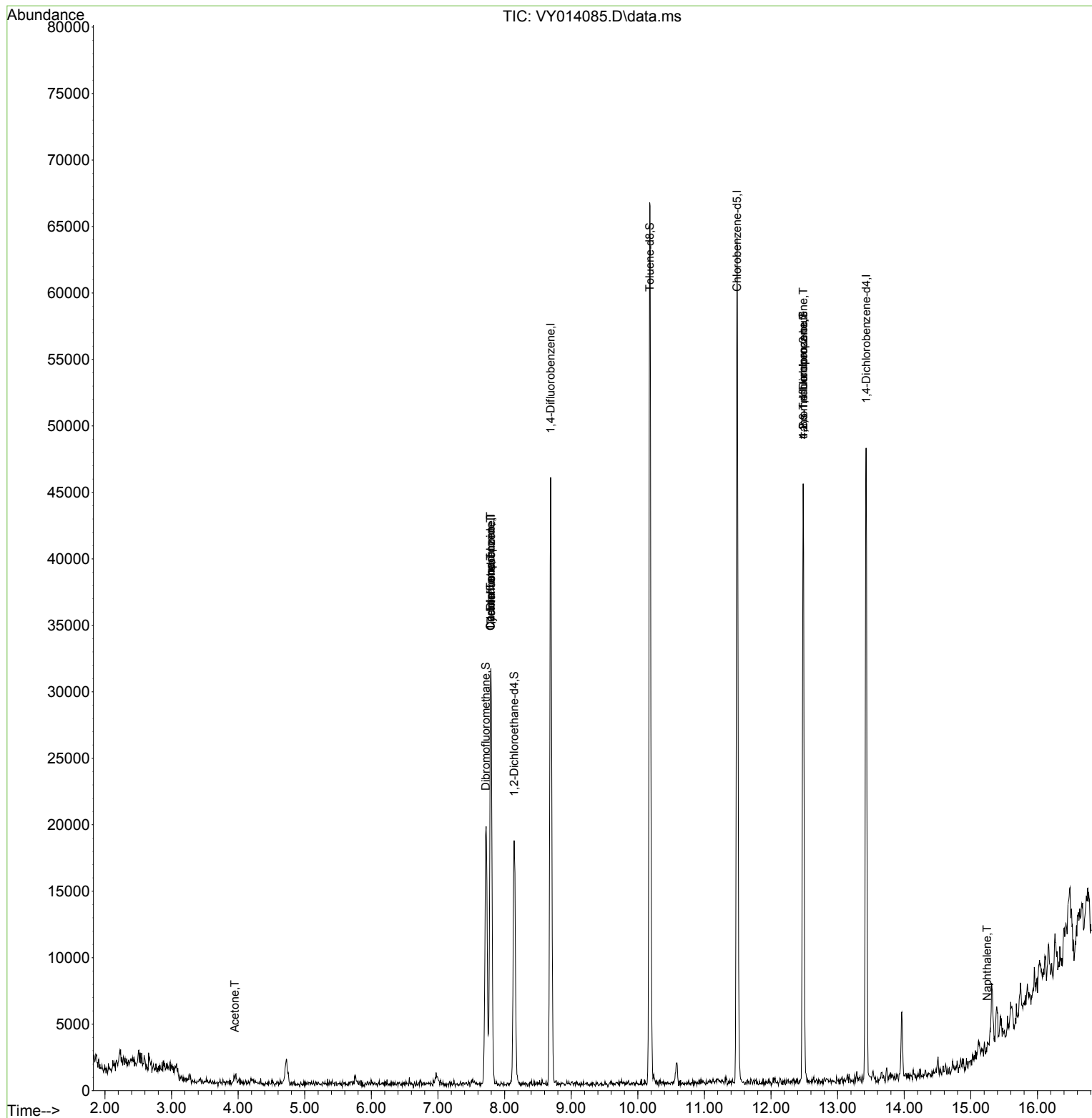
Internal Standards						
1) Pentafluorobenzene	7.795	168	24908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	37660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	35291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	15668	47.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.040%
35) Dibromofluoromethane	7.716	113	13468	56.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.540%
50) Toluene-d8	10.179	98	45851	50.225	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.483	95	12107	38.900	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.800%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	992	8.794	ug/l	98
20) Methylene Chloride	4.722	84	1149	Below Cal		95
31) Cyclohexane	7.789	56	508	1.279	ug/l #	14
36) 1,1-Dichloropropene	7.789	75	2116	6.206	ug/l #	48
38) Carbon Tetrachloride	7.789	117	2459	6.436	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	7109	41.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7109	88.941	ug/l #	10
95) Naphthalene	15.245	128	182	4.166	ug/l #	81

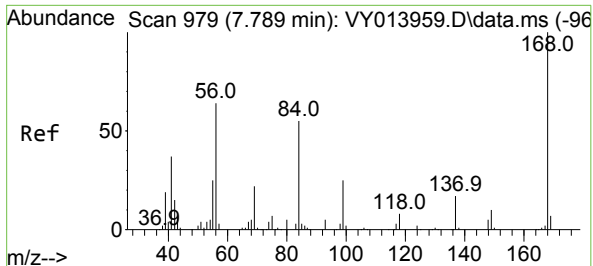
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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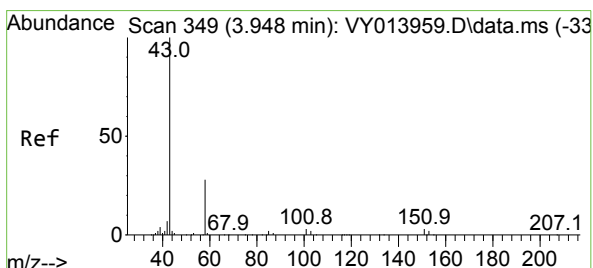
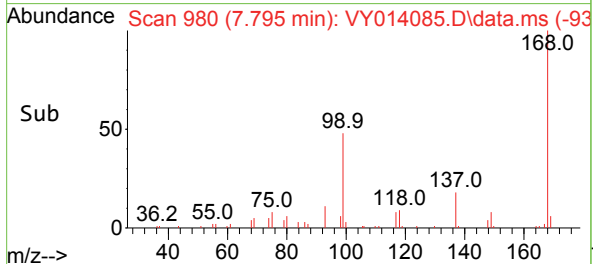
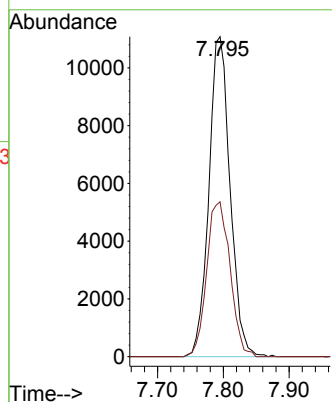
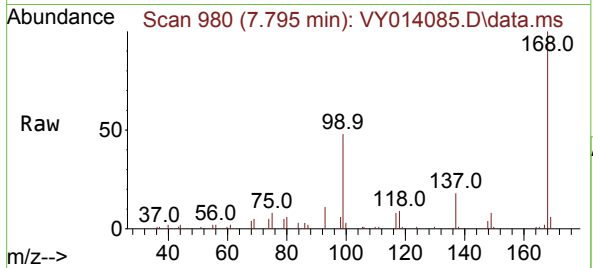




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014085.D
Acq: 08 Jun 2023 19:59

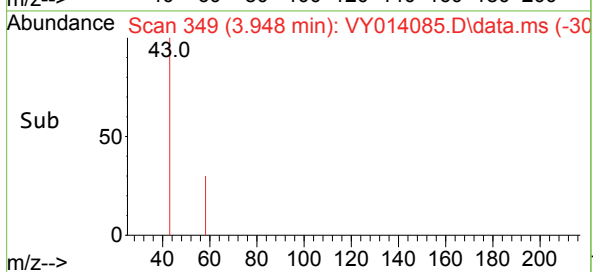
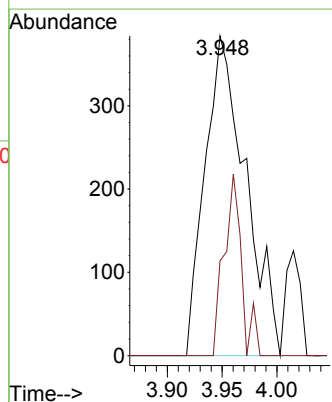
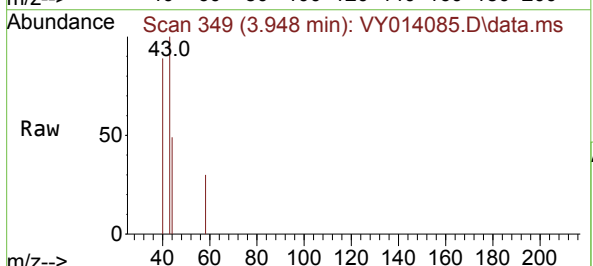
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

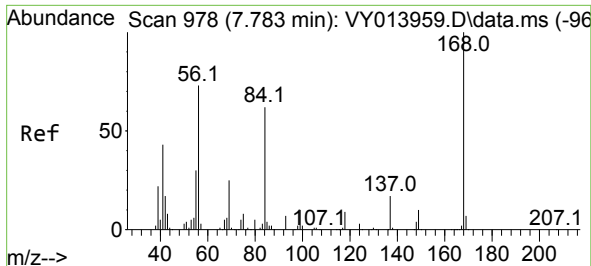
Tgt Ion:168 Resp: 24908
Ion Ratio Lower Upper
168 100
99 48.4 43.4 65.0



#16
Acetone
Concen: 8.794 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY014085.D
Acq: 08 Jun 2023 19:59

Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1

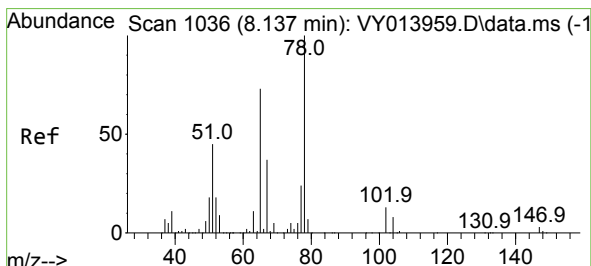
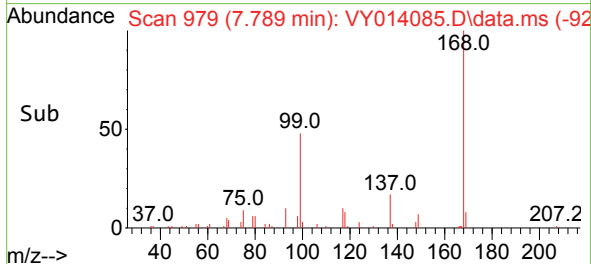
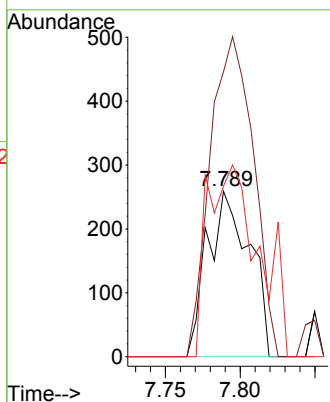
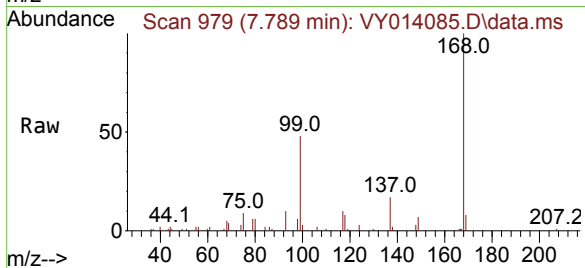




#31
Cyclohexane
Concen: 1.279 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014085.D
Acq: 08 Jun 2023 19:59

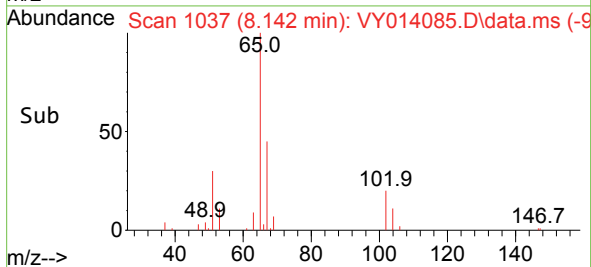
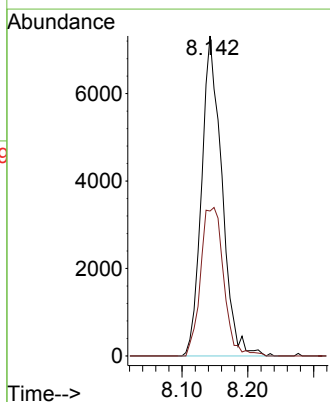
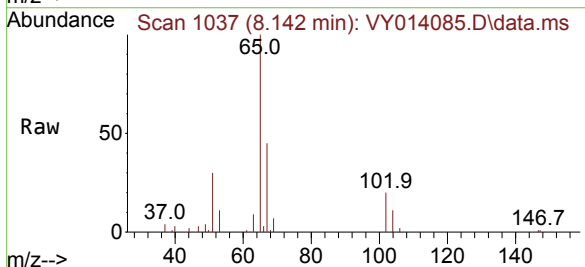
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

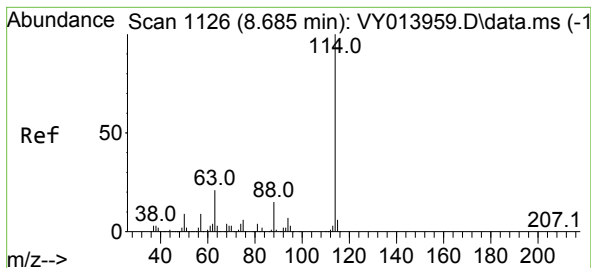
Tgt Ion: 56 Resp: 508
Ion Ratio Lower Upper
56 100
69 172.2 27.8 41.6#
84 103.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 47.519 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014085.D
Acq: 08 Jun 2023 19:59

Tgt Ion: 65 Resp: 15668
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014085.D

Acq: 08 Jun 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

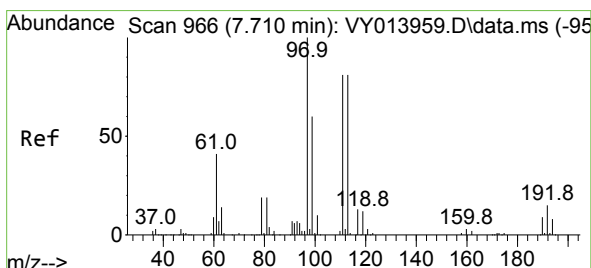
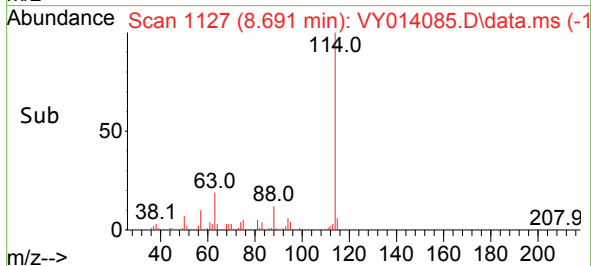
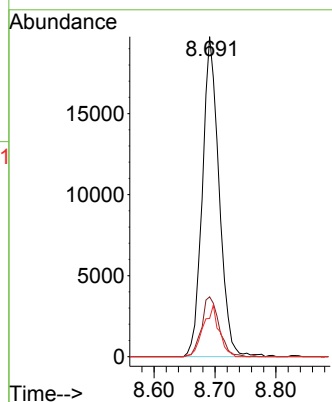
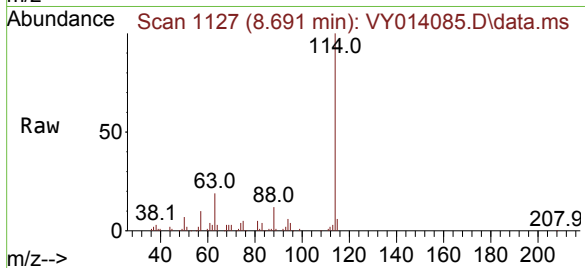
Tgt Ion:114 Resp: 37660

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 11.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.273 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014085.D

Acq: 08 Jun 2023 19:59

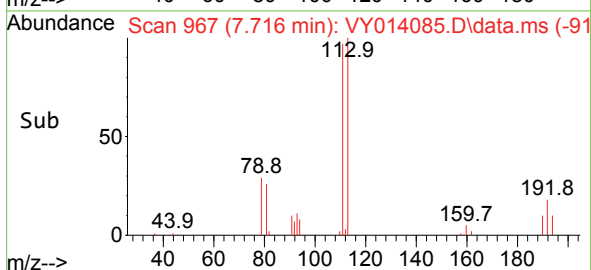
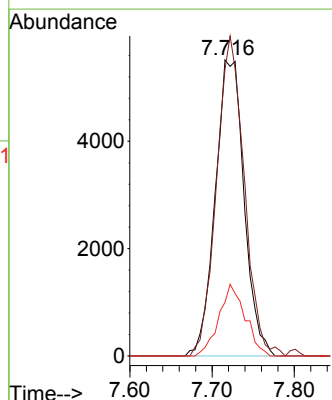
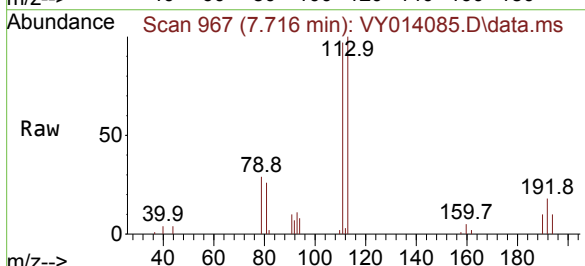
Tgt Ion:113 Resp: 13468

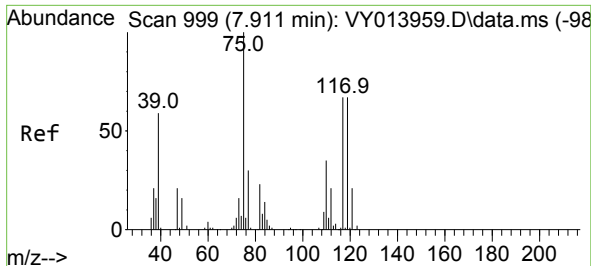
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 22.1 16.9 25.3

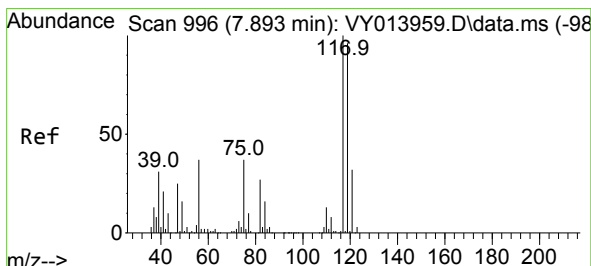
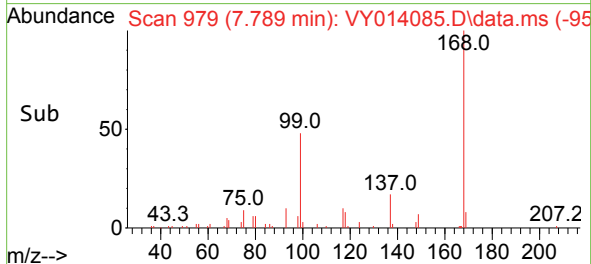
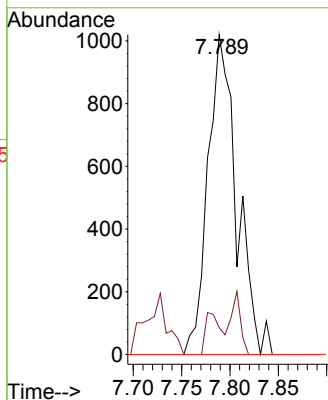
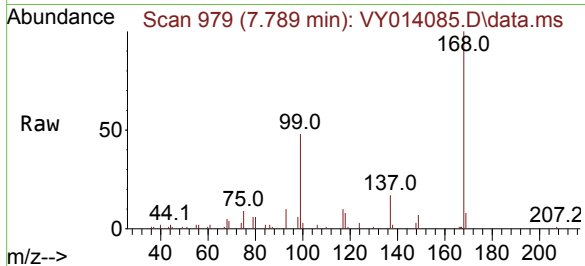




#36
1,1-Dichloropropene
Concen: 6.206 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014085.D
Acq: 08 Jun 2023 19:59

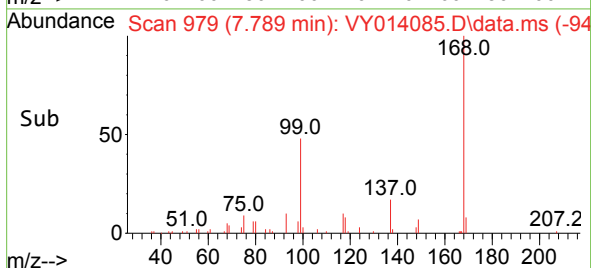
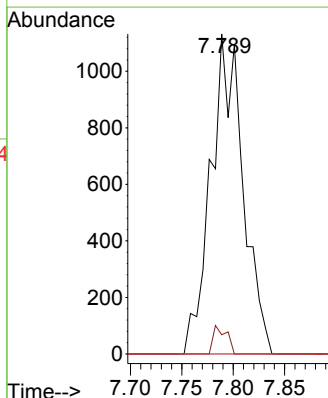
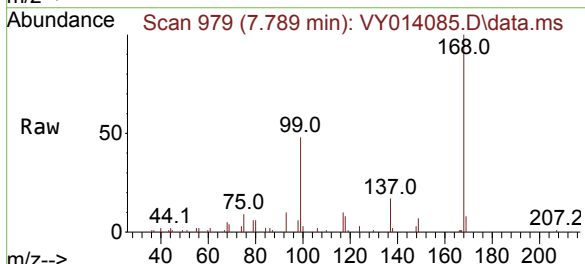
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

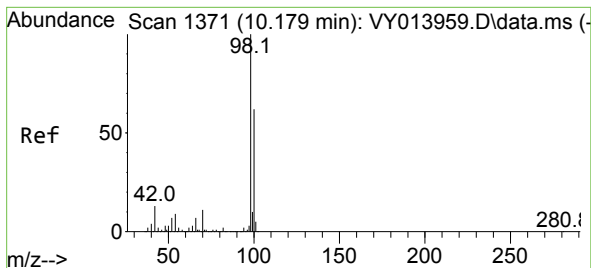
Tgt Ion: 75 Resp: 2116
Ion Ratio Lower Upper
75 100
110 7.1 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.436 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY014085.D
Acq: 08 Jun 2023 19:59

Tgt Ion: 117 Resp: 2459
Ion Ratio Lower Upper
117 100
119 6.0 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.225 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014085.D

Acq: 08 Jun 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

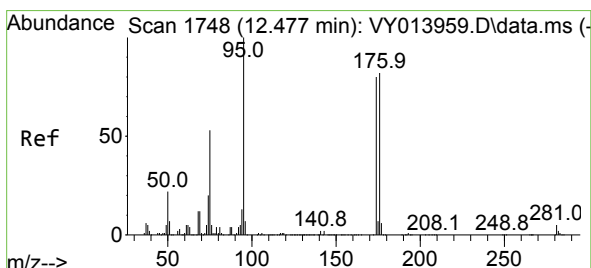
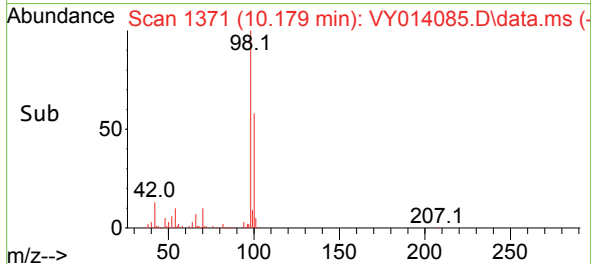
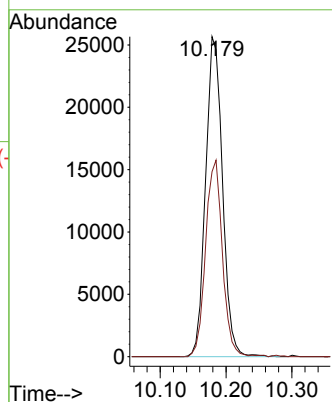
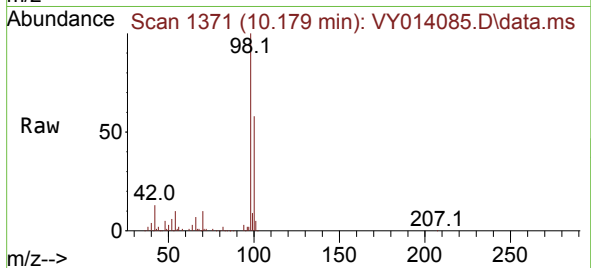
WC-1

Tgt Ion: 98 Resp: 45851

Ion Ratio Lower Upper

98 100

100 61.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 38.900 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY014085.D

Acq: 08 Jun 2023 19:59

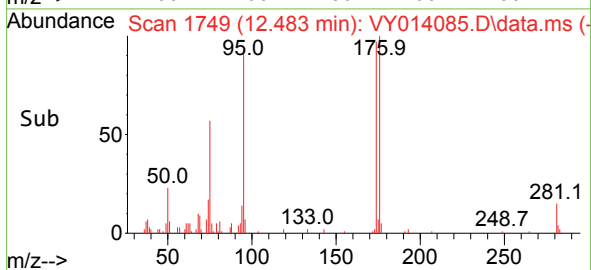
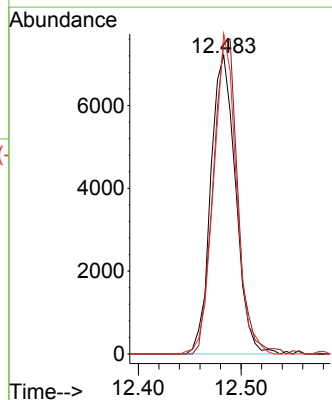
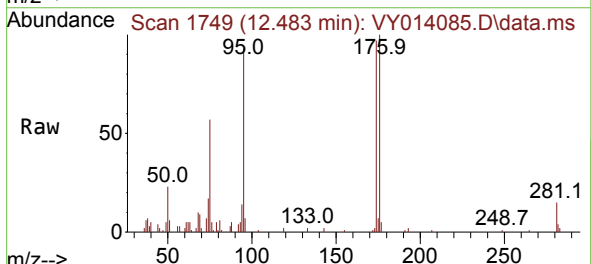
Tgt Ion: 95 Resp: 12107

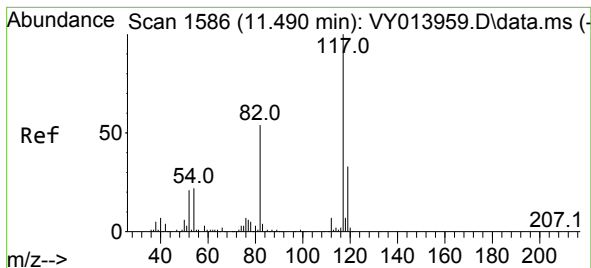
Ion Ratio Lower Upper

95 100

174 103.7 0.0 178.2

176 98.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014085.D

Acq: 08 Jun 2023 19:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

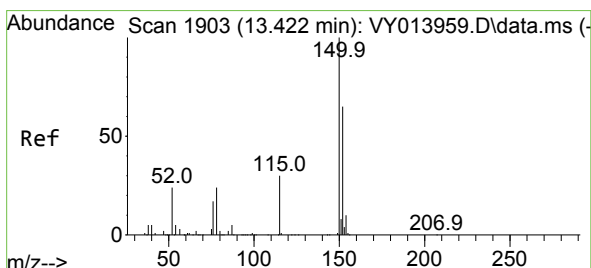
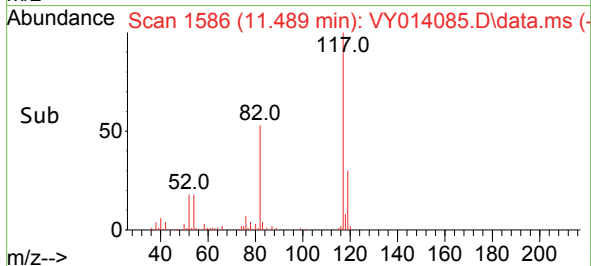
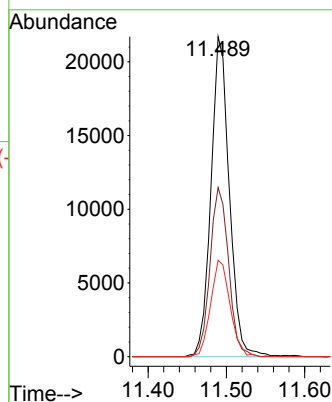
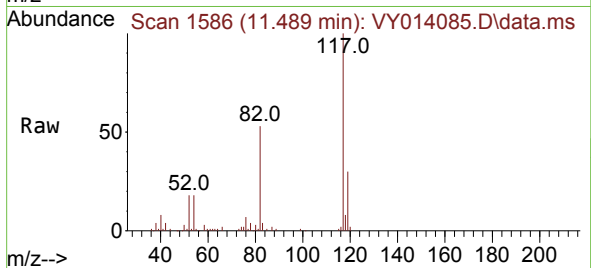
Tgt Ion:117 Resp: 35291

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 30.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014085.D

Acq: 08 Jun 2023 19:59

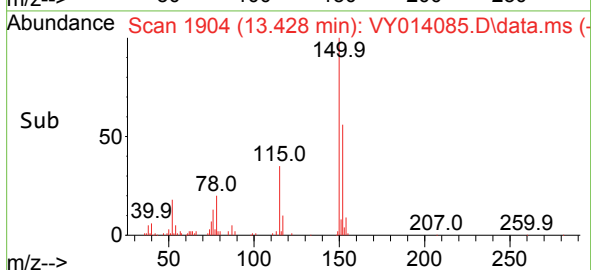
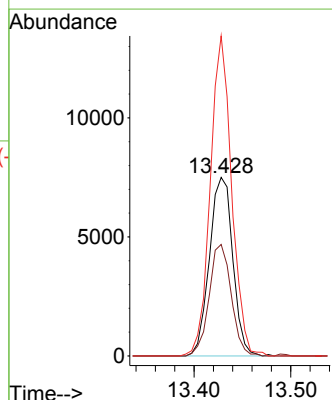
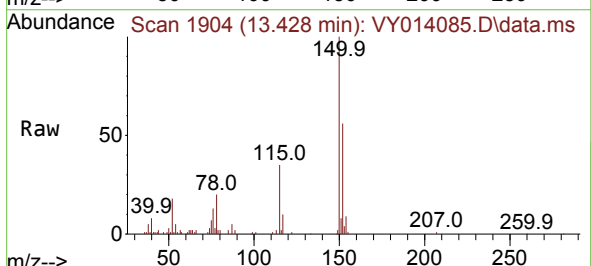
Tgt Ion:152 Resp: 12601

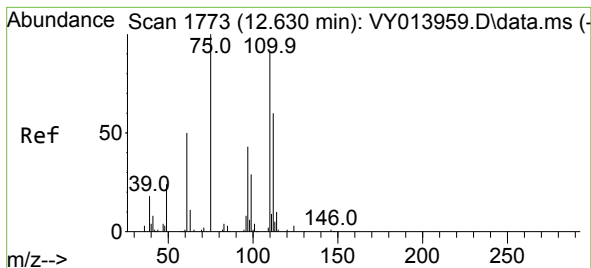
Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 163.6 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 41.924 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY014085.D

Acq: 08 Jun 2023 19:59

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MSVOA_Y

ClientSampleId :

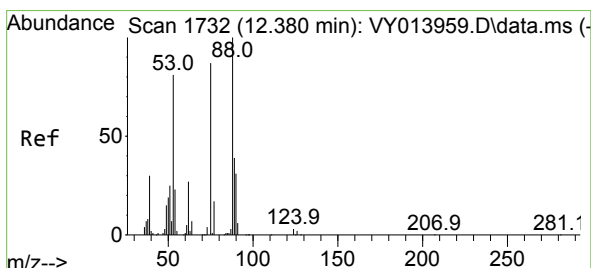
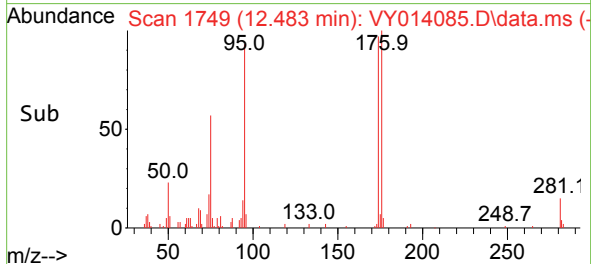
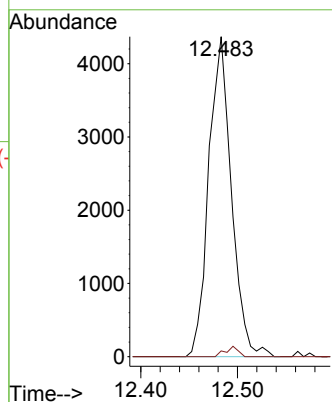
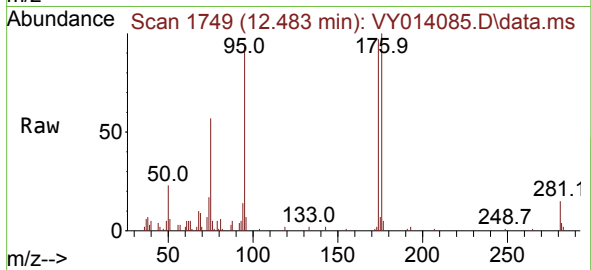
WC-1

Tgt Ion: 75 Resp: 7109

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.941 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY014085.D

Acq: 08 Jun 2023 19:59

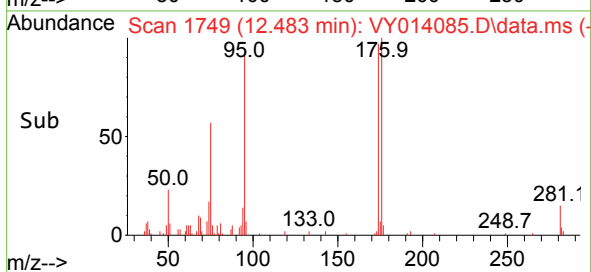
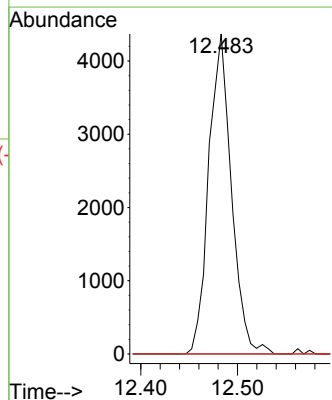
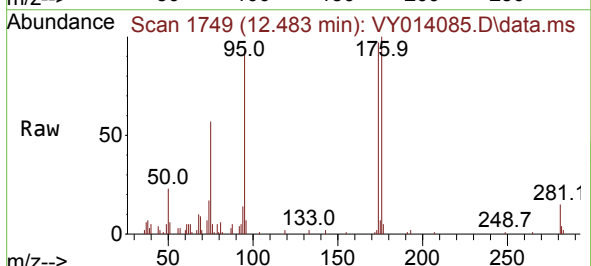
Tgt Ion: 75 Resp: 7109

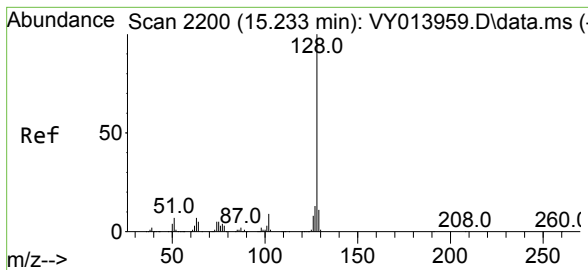
Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

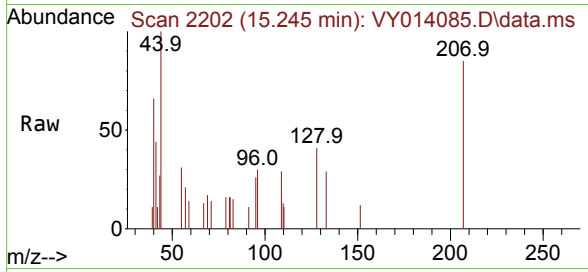
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 4.166 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY014085.D
Acq: 08 Jun 2023 19:59

Instrument :
MSVOA_Y
ClientSampleId :
WC-1



Tgt Ion:	128	Resp:	182
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	10.4	8.6	13.0

