

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014599.D
 Acq On : 07 Jul 2023 12:00
 Operator : KP/MD
 Sample : 03548-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

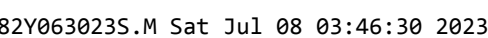
Quant Time: Jul 08 03:46:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

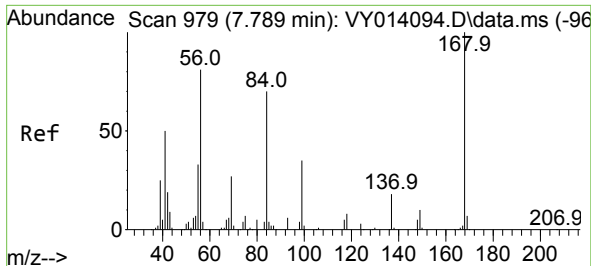
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	233994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	353424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133041	57.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.300%	
35) Dibromofluoromethane	7.710	113	121790	53.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.140%	
50) Toluene-d8	10.179	98	439922	48.947	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.900%	
62) 4-Bromofluorobenzene	12.477	95	143477	45.973	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	187	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	3458	Below Cal	#	89
13) Acrolein	3.723	56	46	Below Cal	#	1
16) Acetone	3.948	43	4031	5.545	ug/l #	71
20) Methylene Chloride	4.710	84	35994	9.522	ug/l	86
25) 2-Butanone	6.978	43	2666	2.477	ug/l #	87
26) 2,2-Dichloropropane	6.966	77	4165	1.142	ug/l #	54
31) Cyclohexane	7.783	56	4080	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	15947	4.580	ug/l #	49
38) Carbon Tetrachloride	7.783	117	19710	5.423	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	69307	34.769	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69307	67.675	ug/l #	11

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

Quant Time: Jul 08 03:46:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

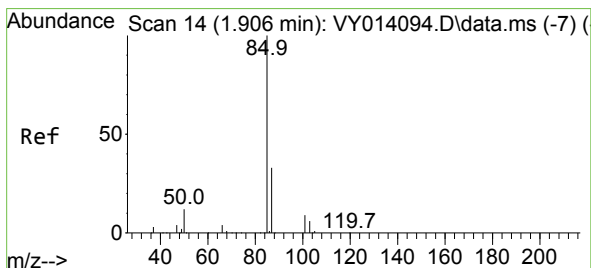
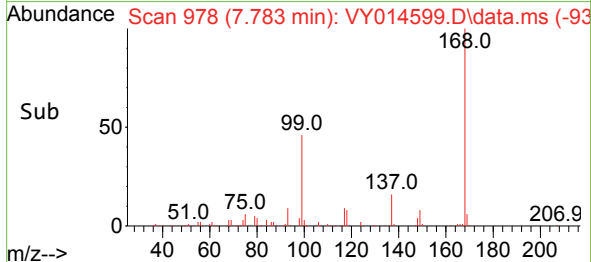
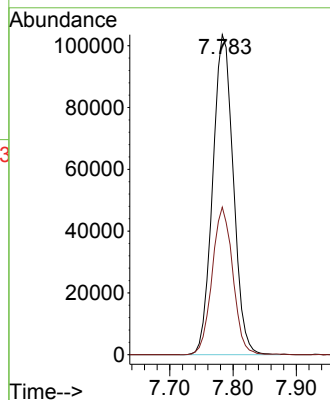
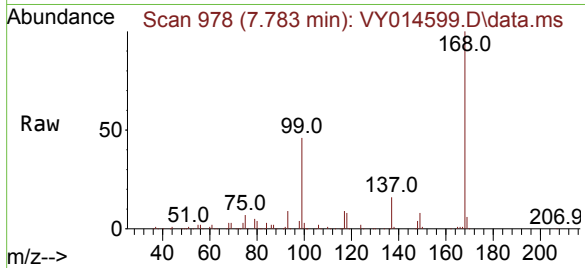




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

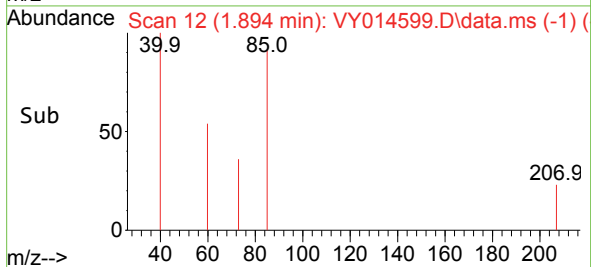
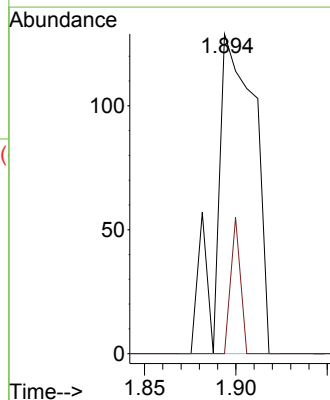
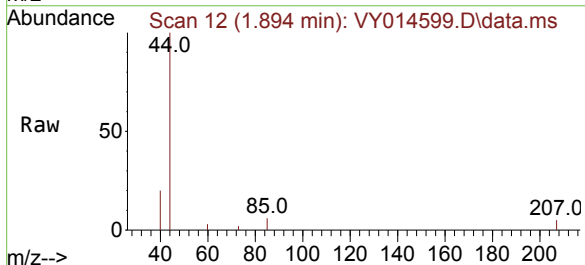
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

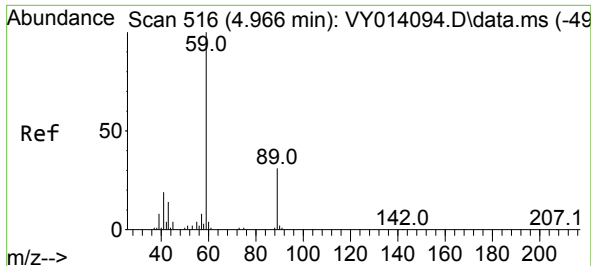
Tgt Ion:168 Resp: 233994
Ion Ratio Lower Upper
168 100
99 46.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.012 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

Tgt Ion: 85 Resp: 187
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

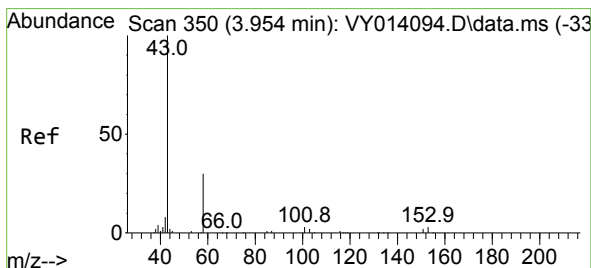
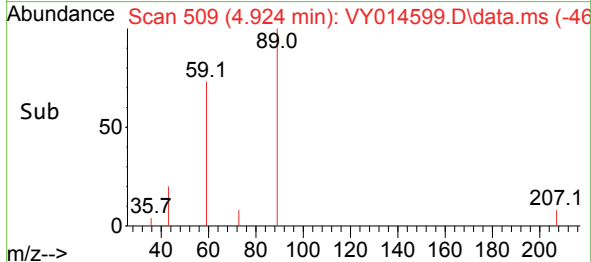
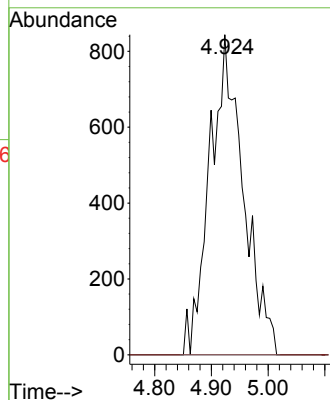
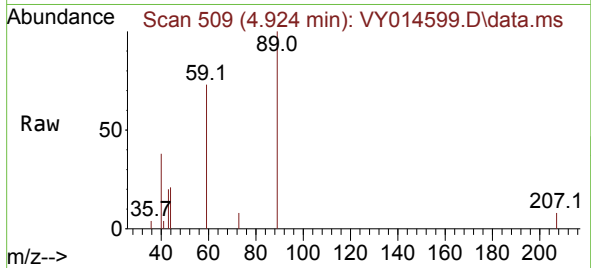




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

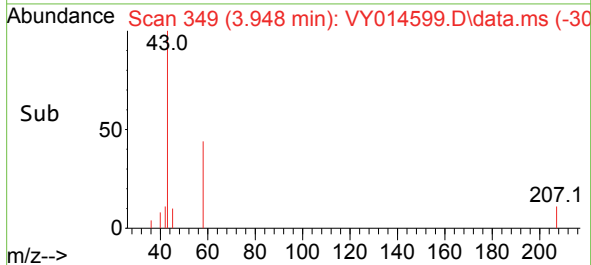
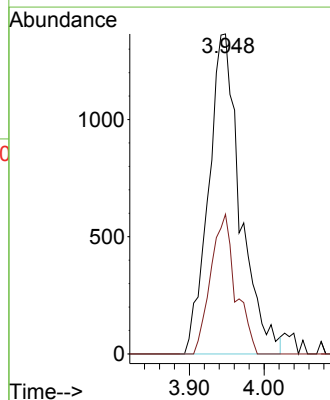
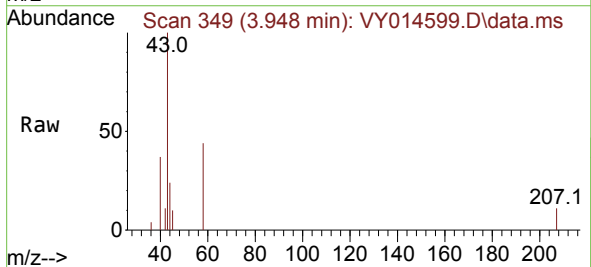
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

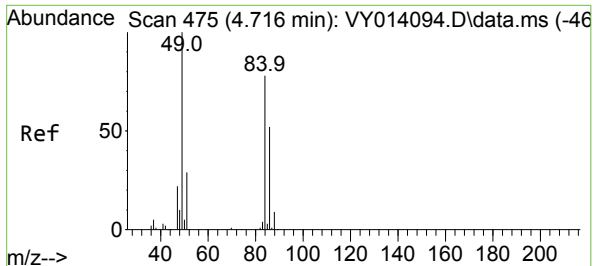
Tgt Ion: 59 Resp: 3458
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 5.545 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

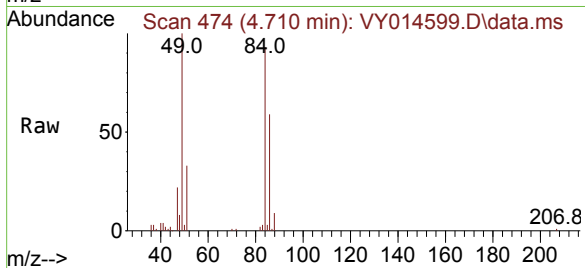
Tgt Ion: 43 Resp: 4031
Ion Ratio Lower Upper
43 100
58 43.7 22.7 34.1#



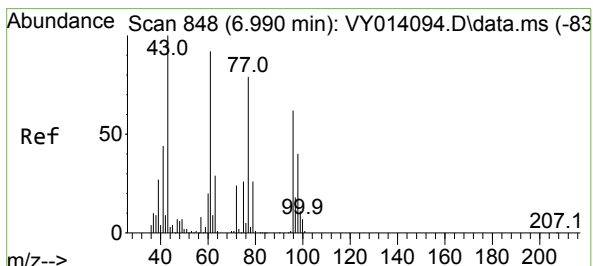
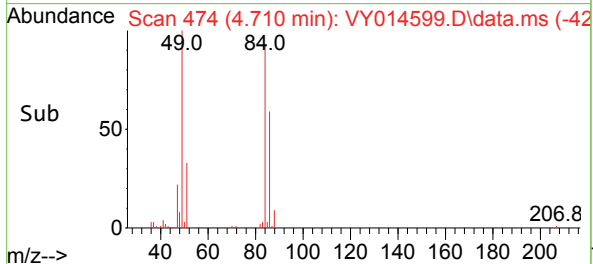
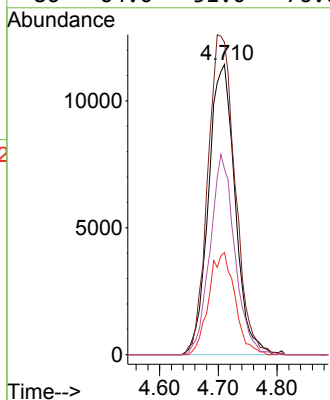


#20
Methylene Chloride
Concen: 9.522 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

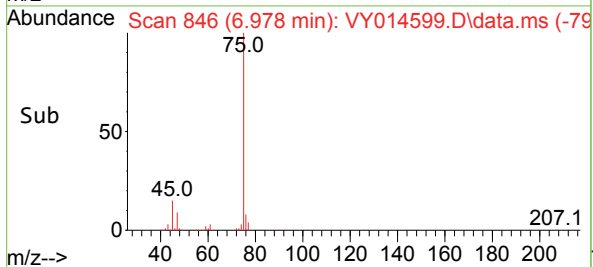
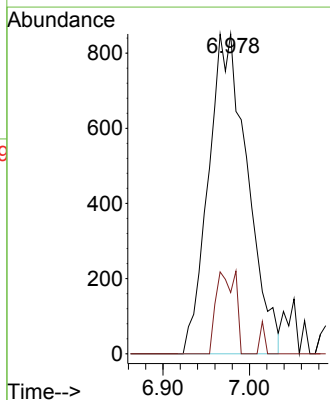
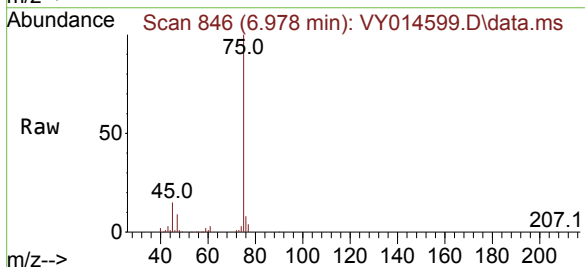


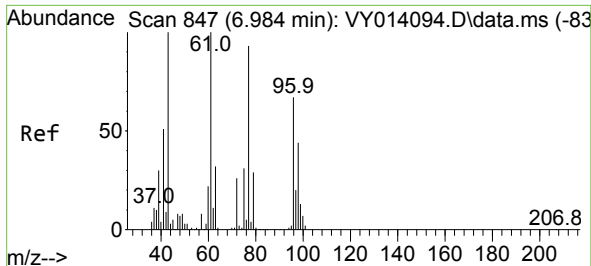
Tgt Ion: 84 Resp: 35994
Ion Ratio Lower Upper
84 100
49 107.6 106.9 160.3
51 35.2 33.2 49.8
86 64.0 51.0 76.6



#25
2-Butanone
Concen: 2.477 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

Tgt Ion: 43 Resp: 2666
Ion Ratio Lower Upper
43 100
72 19.2 20.5 30.7#

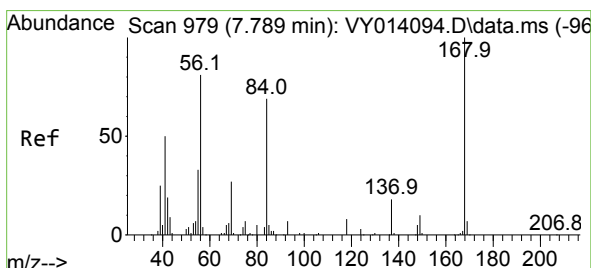
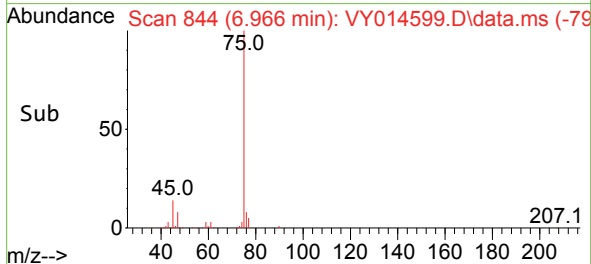
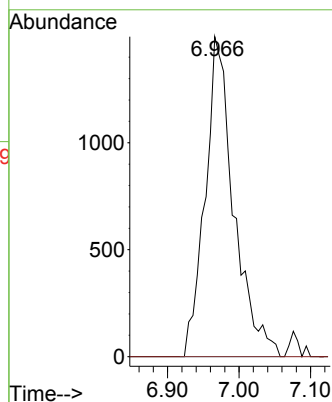
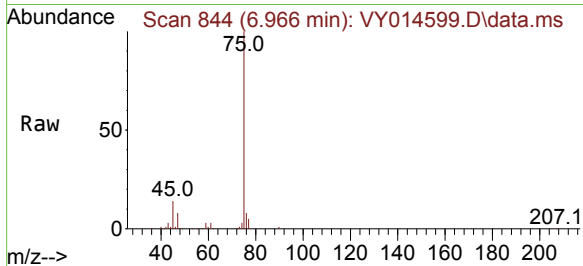




#26
2,2-Dichloropropane
Concen: 1.142 ug/l
RT: 6.966 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

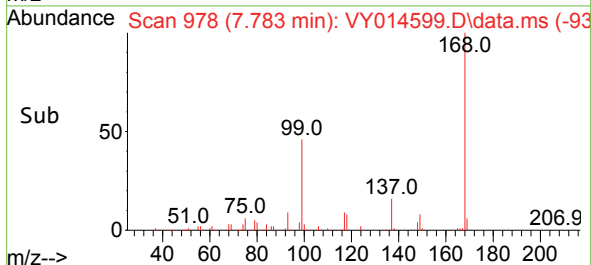
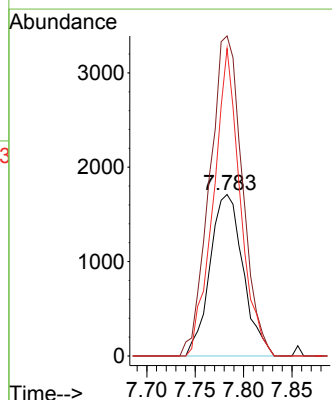
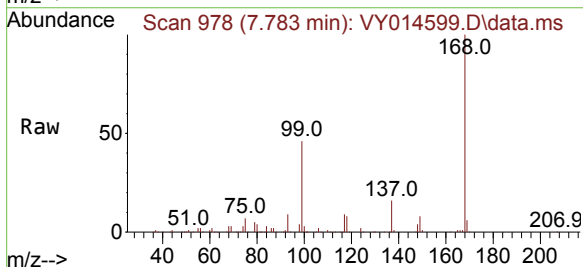
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

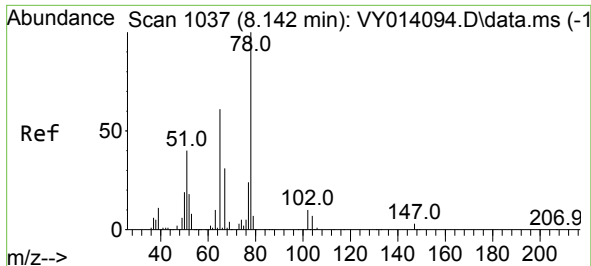
Tgt Ion: 77 Resp: 4165
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

Tgt Ion: 56 Resp: 4080
Ion Ratio Lower Upper
56 100
69 198.3 27.8 41.6#
84 190.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.155 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY014599.D

Acq: 07 Jul 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

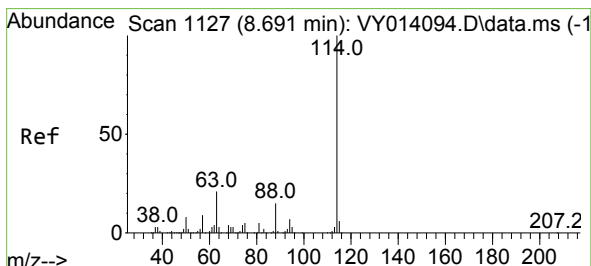
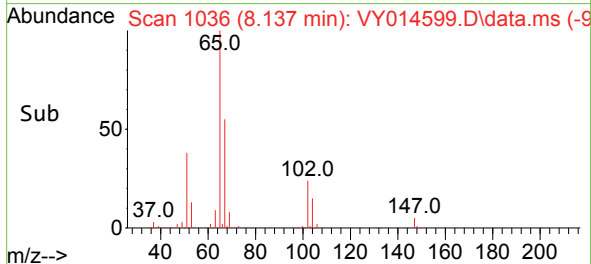
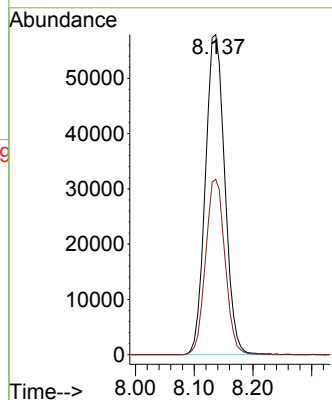
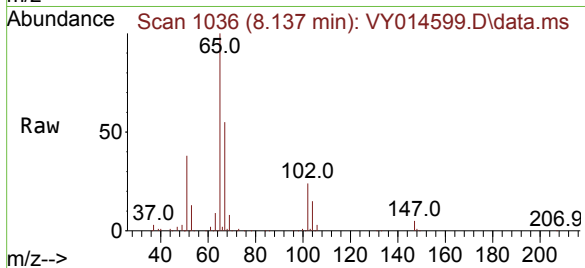
WC-1

Tgt Ion: 65 Resp: 133041

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014599.D

Acq: 07 Jul 2023 12:00

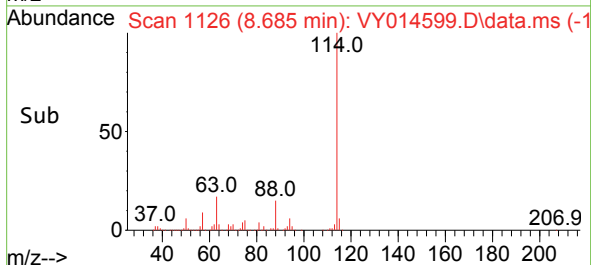
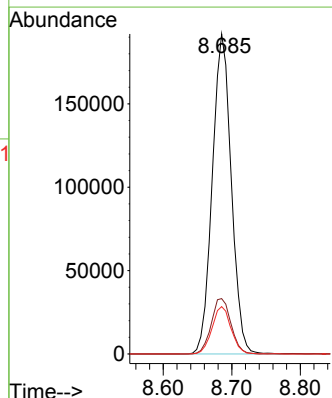
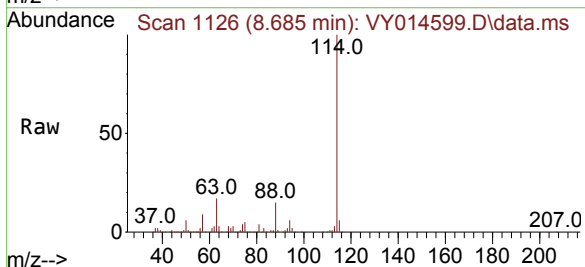
Tgt Ion: 114 Resp: 369205

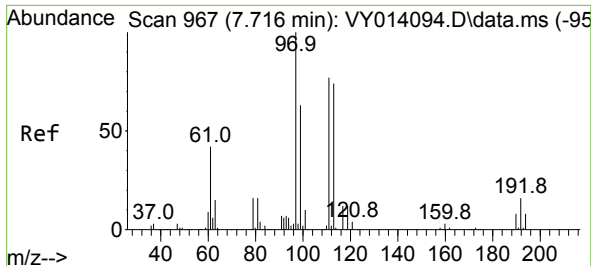
Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

88 14.8 0.0 30.6

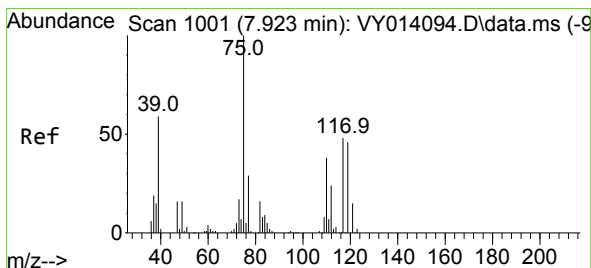
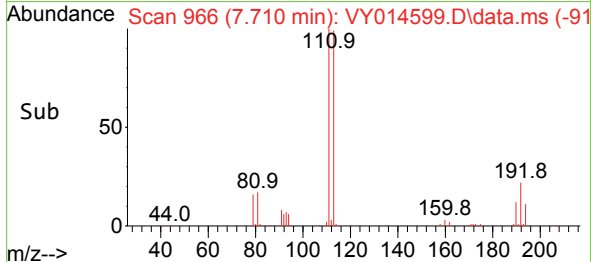
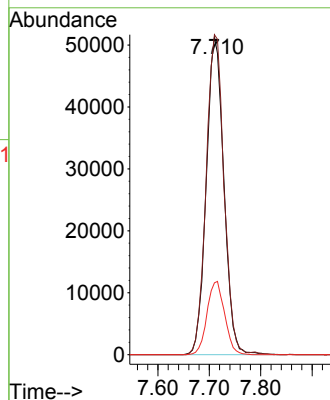
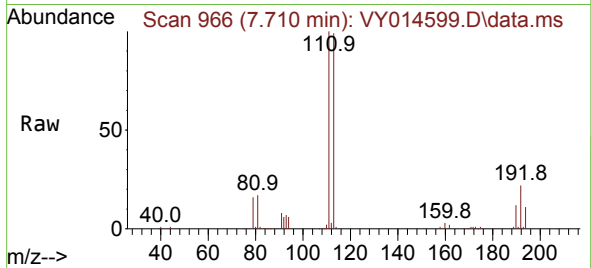




#35
Dibromofluoromethane
Concen: 53.567 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

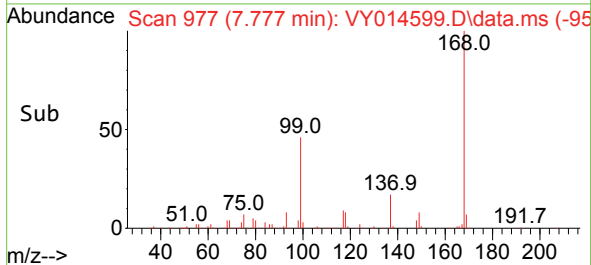
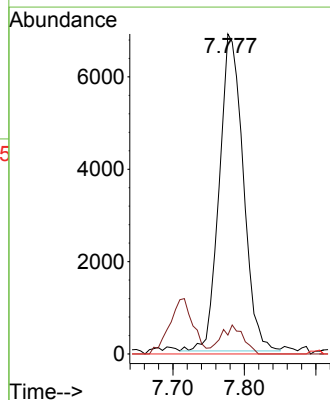
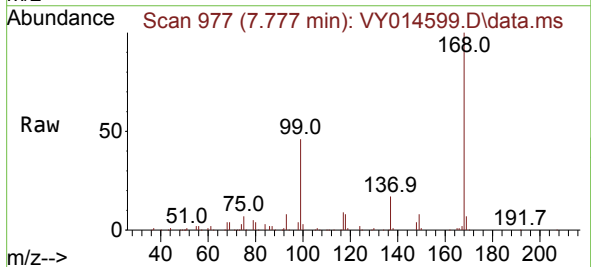
Instrument :
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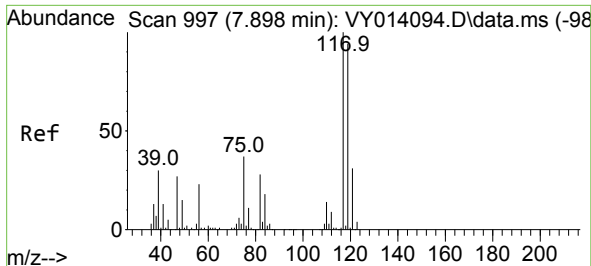
Tgt Ion:113 Resp: 121790
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 23.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.580 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.146 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

Tgt Ion: 75 Resp: 15947
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.5#
77 0.0 24.4 36.6#

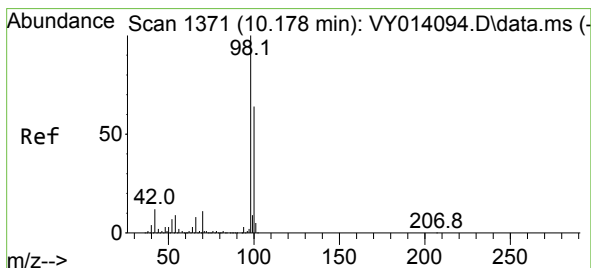
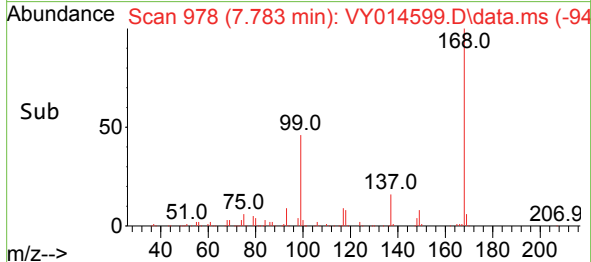
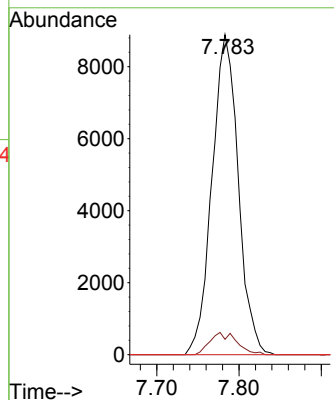
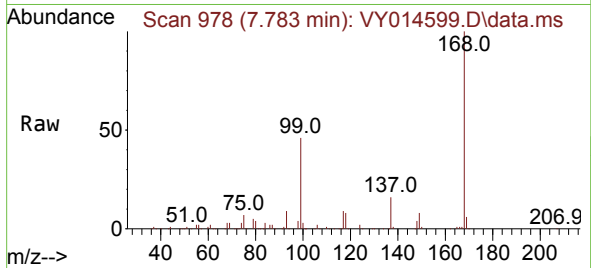




#38
Carbon Tetrachloride
Concen: 5.423 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

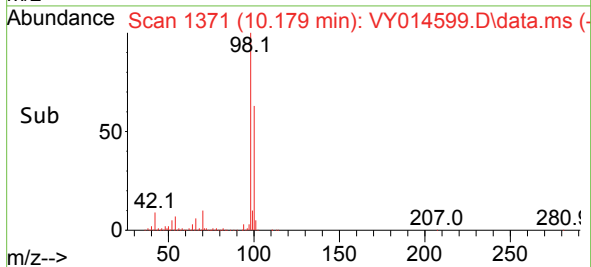
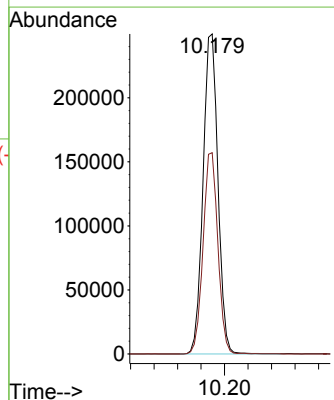
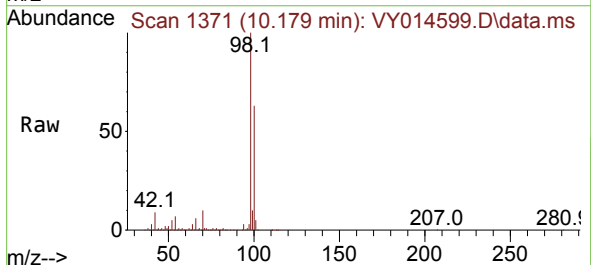
Instrument :
MSVOA_Y
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WC-1

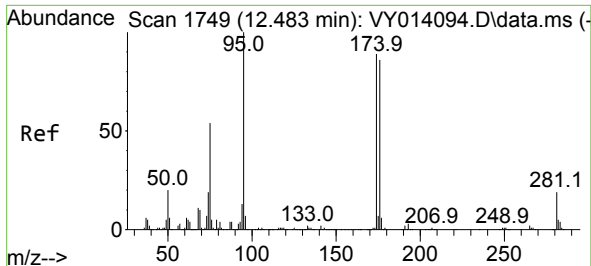
Tgt Ion:117 Resp: 19710
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.947 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

Tgt Ion: 98 Resp: 439922
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1

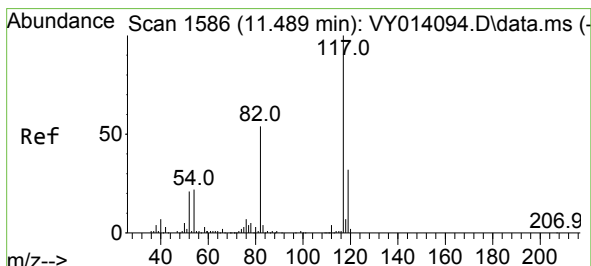
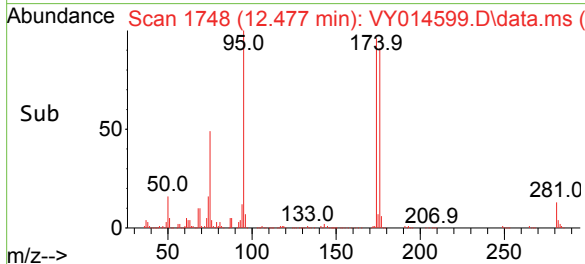
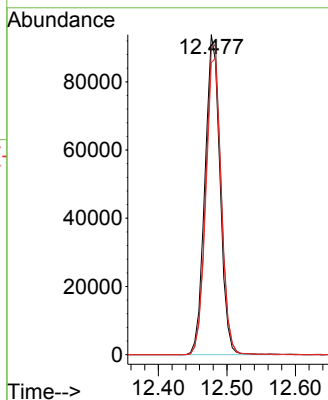
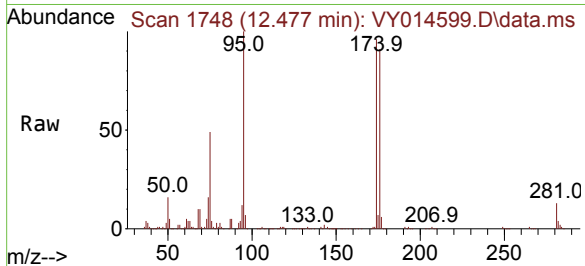




#62
4-Bromofluorobenzene
Concen: 45.973 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

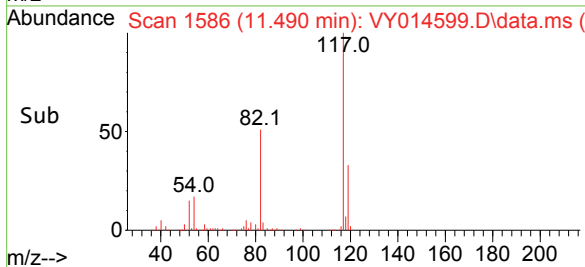
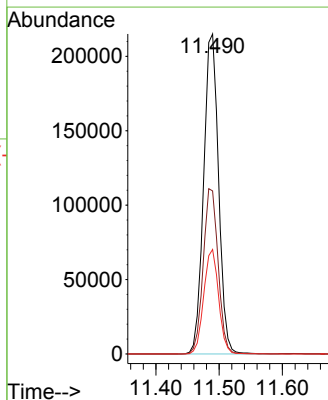
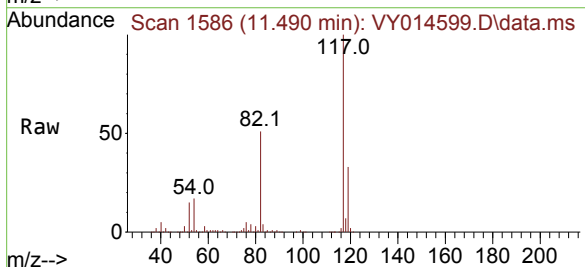
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

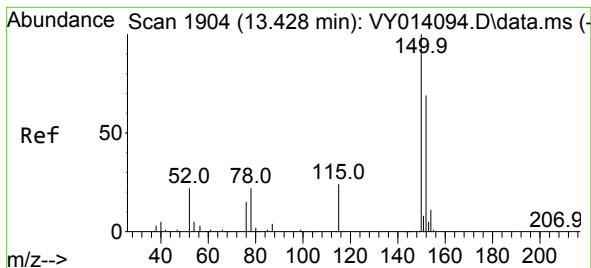
Tgt Ion: 95 Resp: 143477
Ion Ratio Lower Upper
95 100
174 99.4 0.0 178.2
176 94.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

Tgt Ion: 117 Resp: 353424
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 32.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY014599.D

Acq: 07 Jul 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

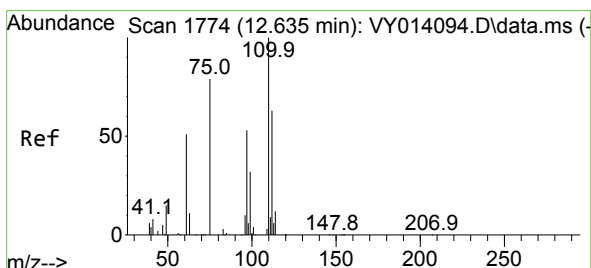
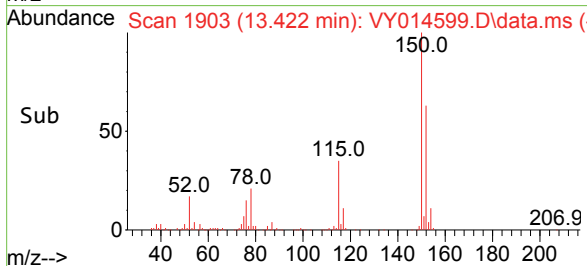
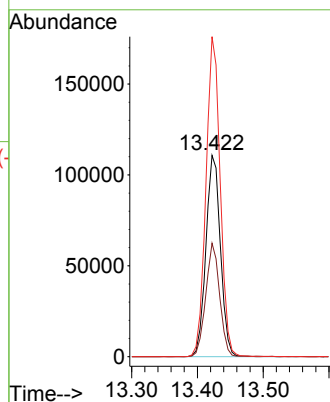
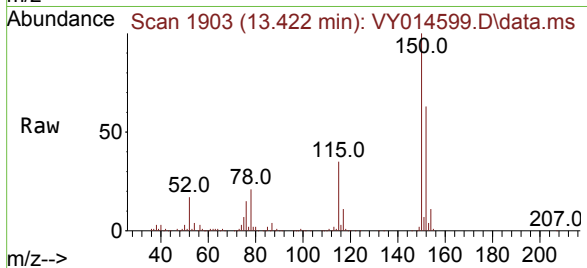
Tgt Ion:152 Resp: 169868

Ion Ratio Lower Upper

152 100

115 54.1 28.8 86.5

150 155.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 34.769 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014599.D

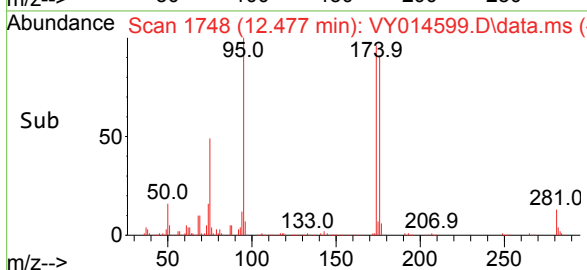
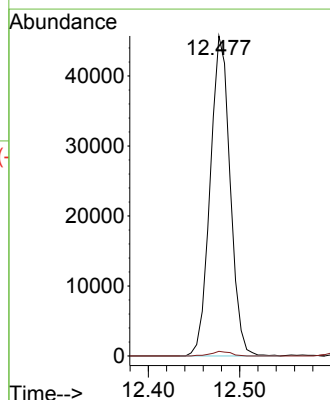
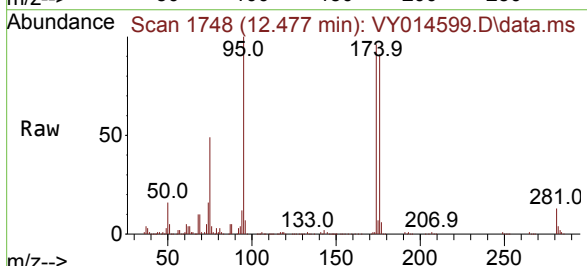
Acq: 07 Jul 2023 12:00

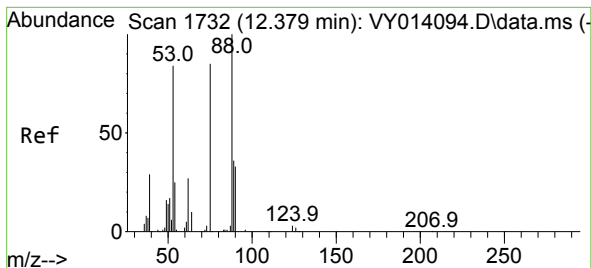
Tgt Ion: 75 Resp: 69307

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.675 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014599.D
 Acq: 07 Jul 2023 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Tgt Ion: 75 Resp: 69307
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.2 37.4 56.0#

