

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014525.D
 Acq On : 30 Jun 2023 19:04
 Operator : KP/MD
 Sample : 03474-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jun 30 23:20:55 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)

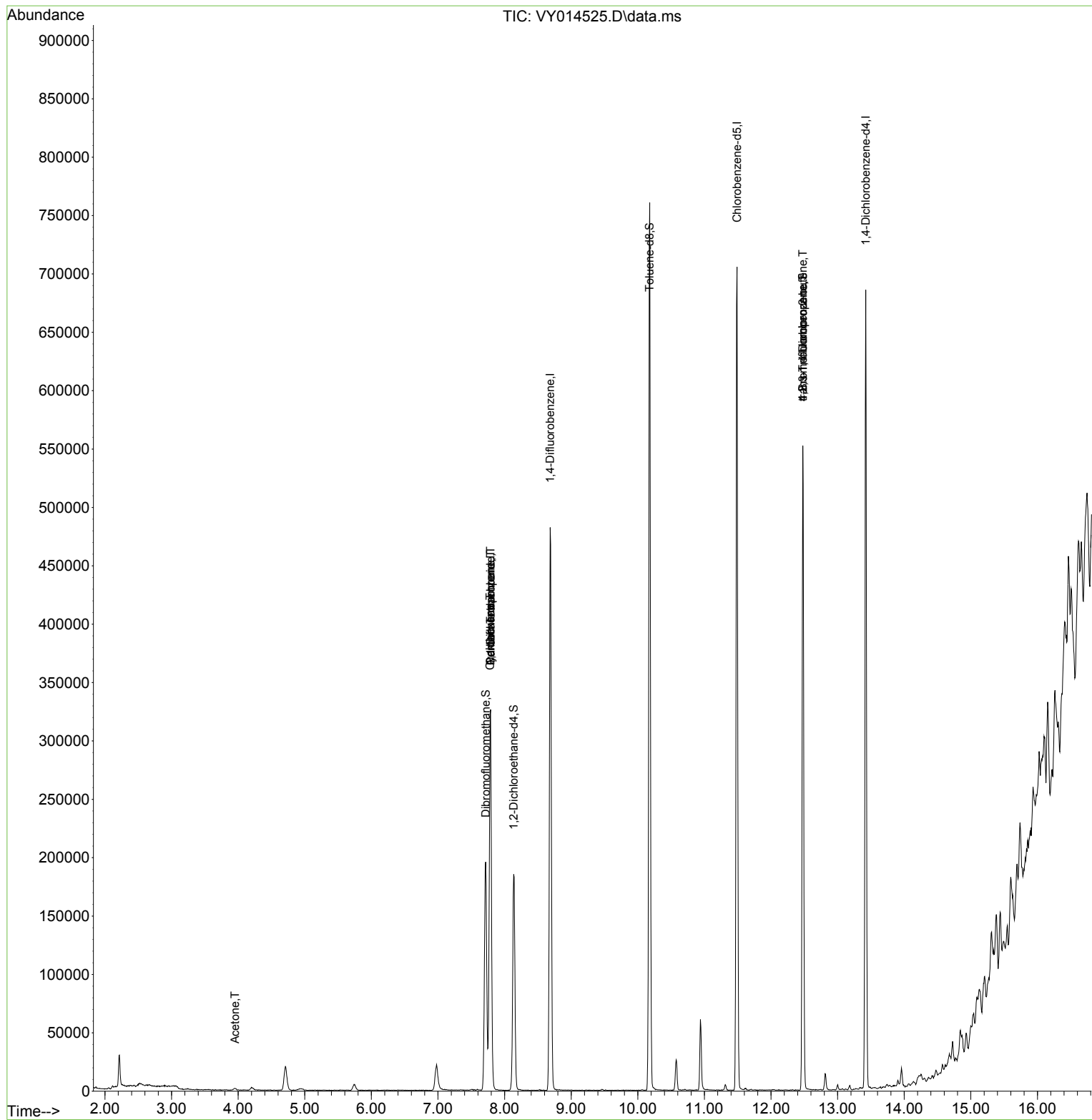
Internal Standards						
1) Pentafluorobenzene	7.789	168	280226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	443202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	420472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	191716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150099	53.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.680%	
35) Dibromofluoromethane	7.716	113	141780	51.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.900%	
50) Toluene-d8	10.179	98	524679	48.630	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	12.477	95	166115	44.340	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51	Below Cal	#	43
11) Tert butyl alcohol	4.948	59	2833	Below Cal	#	93
13) Acrolein	3.729	56	90	Below Cal	#	14
16) Acetone	3.954	43	2872	3.299	ug/l	97
31) Cyclohexane	7.783	56	4470	1.022	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	17915	4.286	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	23945	5.488	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	78961	35.098	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	78961	68.316	ug/l	# 11

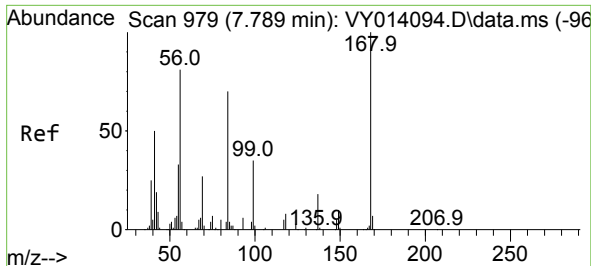
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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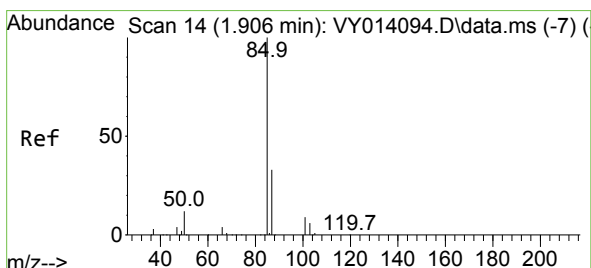
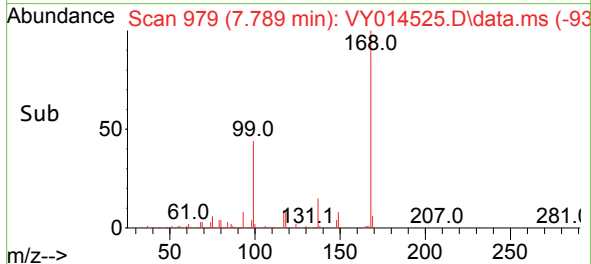
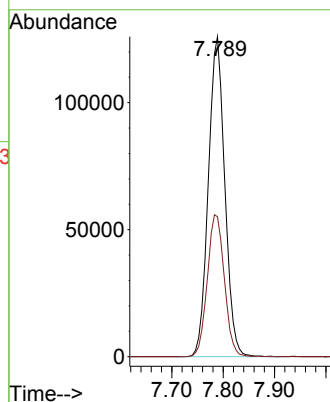
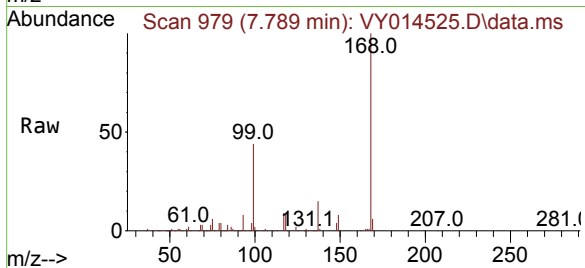




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

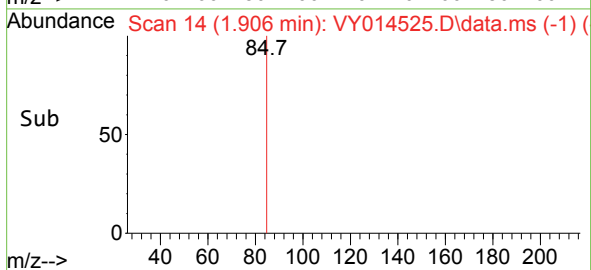
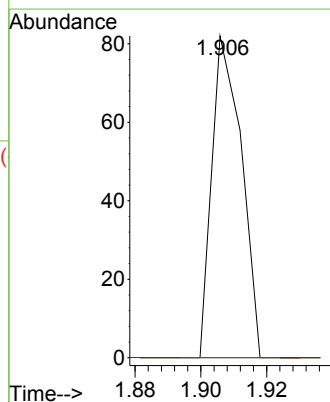
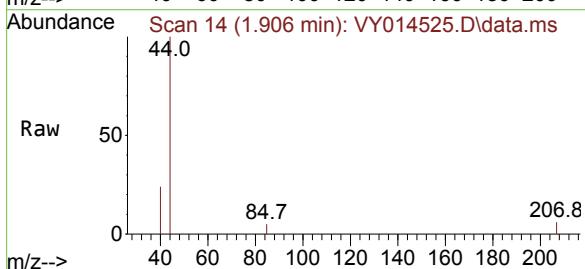
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

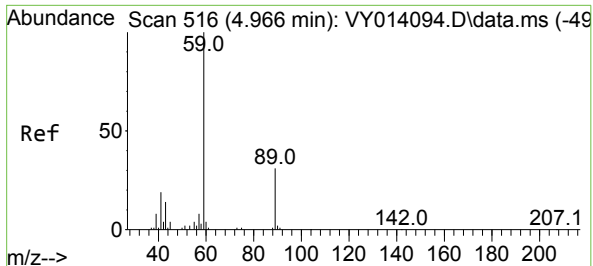
Tgt Ion:168 Resp: 280226
Ion Ratio Lower Upper
168 100
99 43.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

Tgt Ion: 85 Resp: 51
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 516

Delta R.T. -0.018 min

Lab File: VY014525.D

Acq: 30 Jun 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

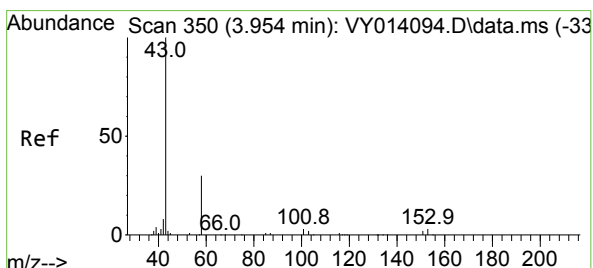
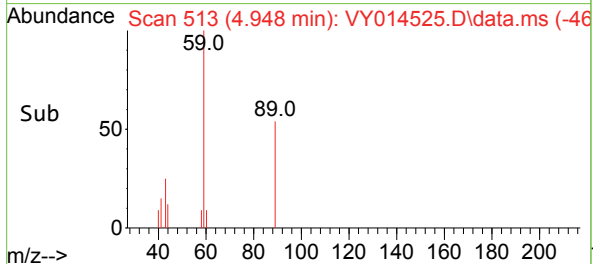
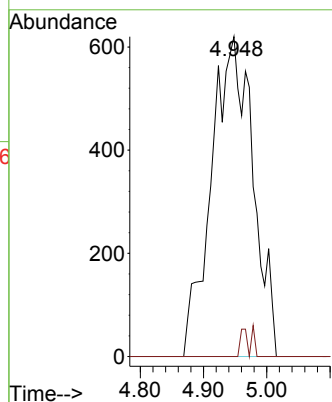
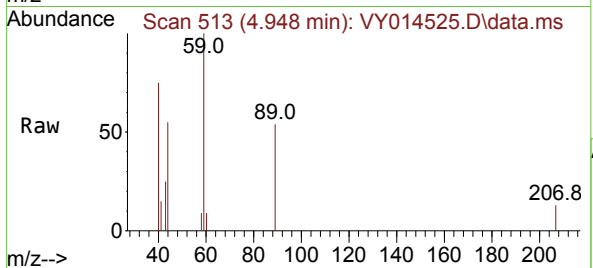
WC-1

Tgt Ion: 59 Resp: 2833

Ion Ratio Lower Upper

59 100

57 1.4 3.0 4.4#



#16

Acetone

Concen: 3.299 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY014525.D

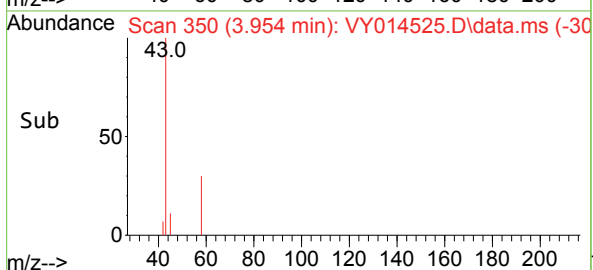
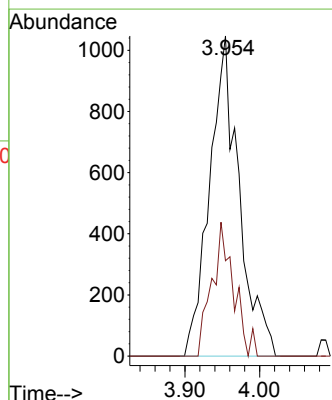
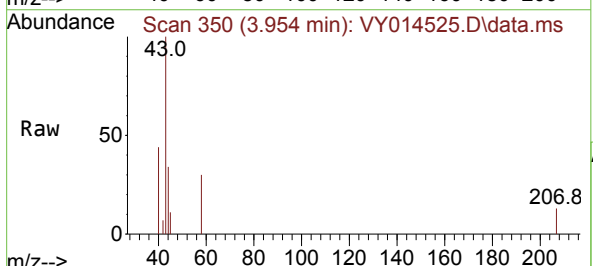
Acq: 30 Jun 2023 19:04

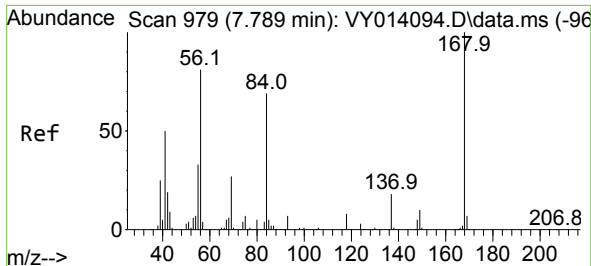
Tgt Ion: 43 Resp: 2872

Ion Ratio Lower Upper

43 100

58 29.8 22.7 34.1

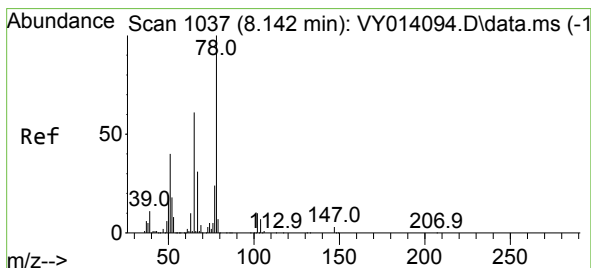
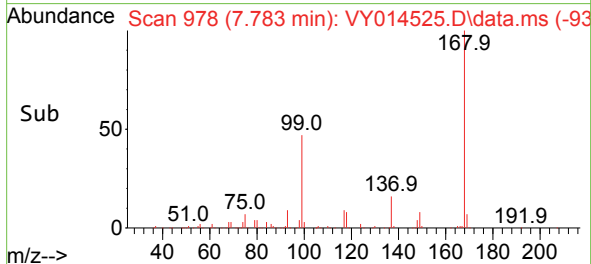
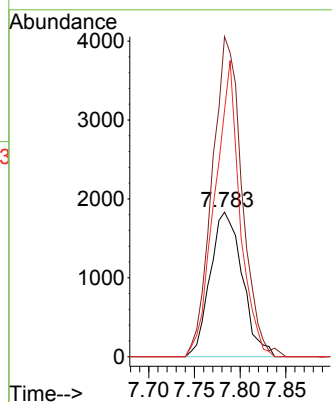
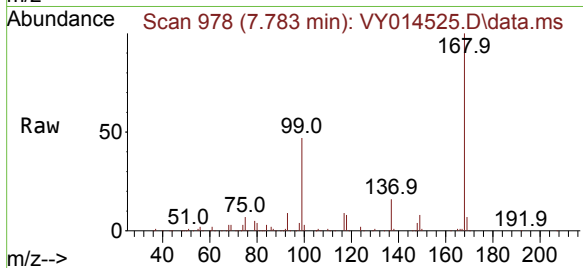




#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

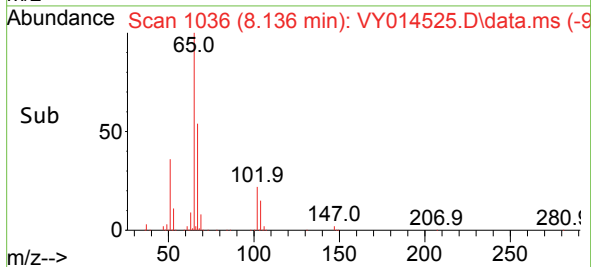
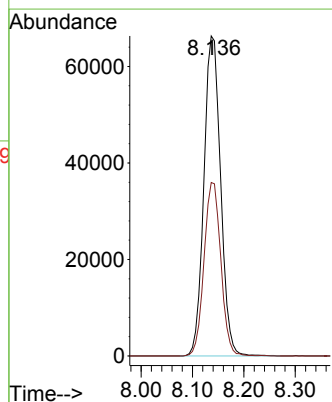
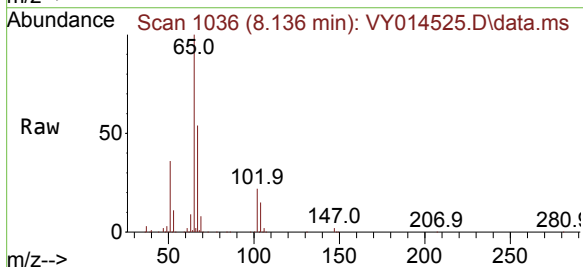
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

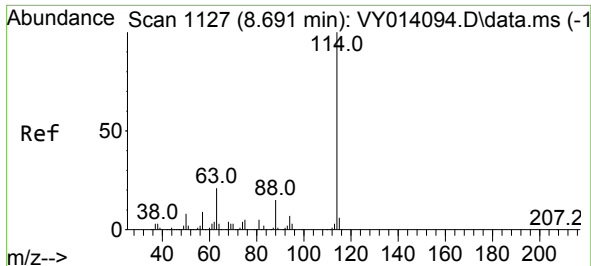
Tgt Ion: 56 Resp: 4470
Ion Ratio Lower Upper
56 100
69 221.5 27.8 41.6#
84 170.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 53.844 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

Tgt Ion: 65 Resp: 150099
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.8

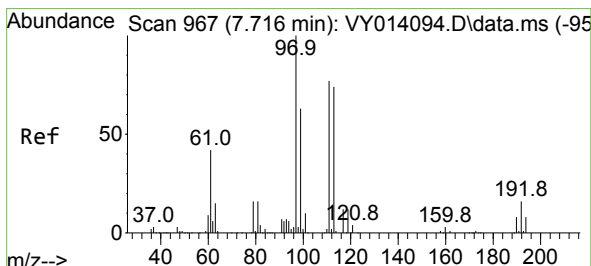
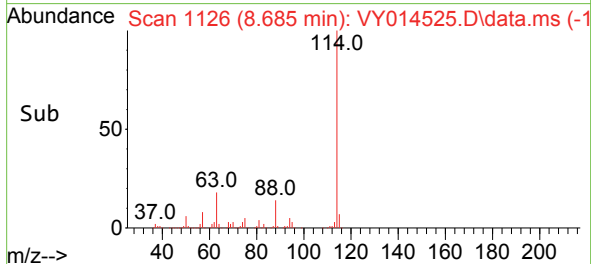
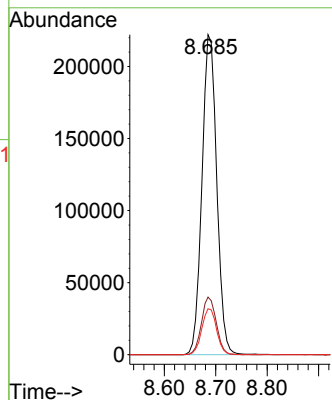
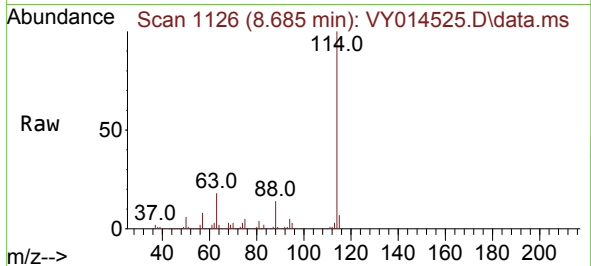




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

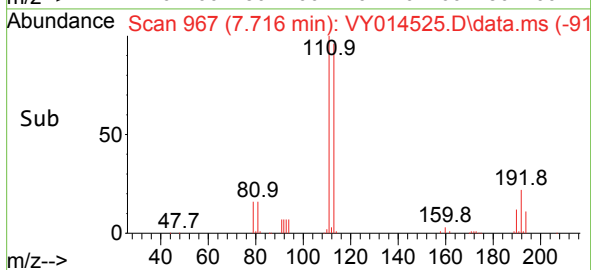
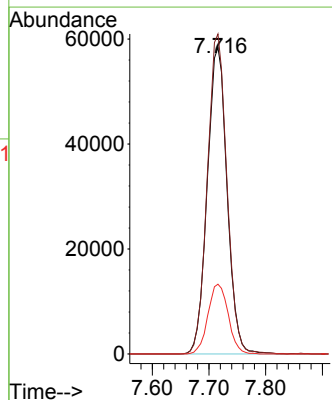
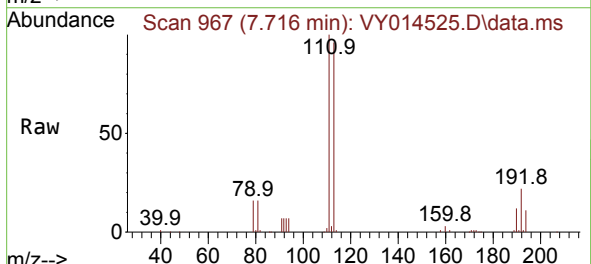
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

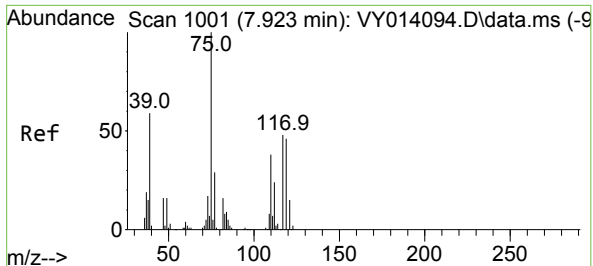
Tgt Ion:114 Resp: 443202
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.4
88 14.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.948 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

Tgt Ion:113 Resp: 141780
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 23.3 16.9 25.3

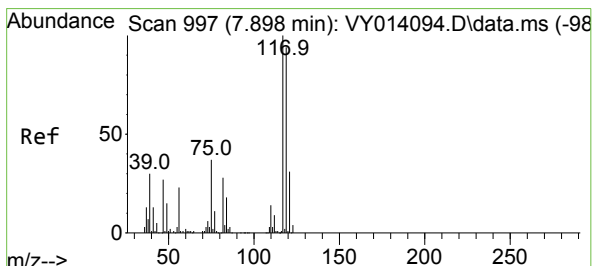
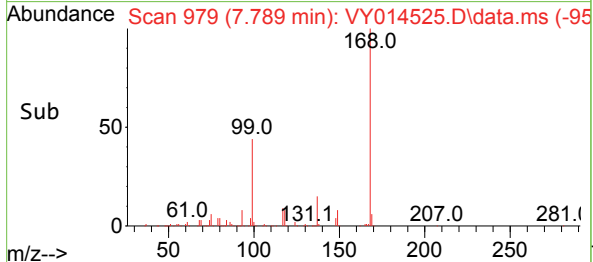
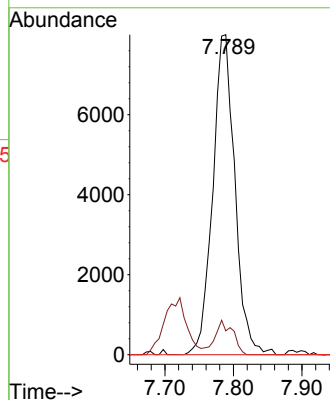
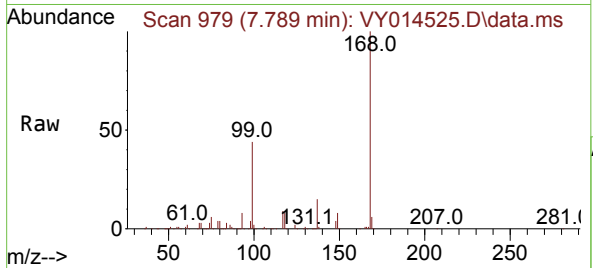




#36
1,1-Dichloropropene
Concen: 4.286 ug/l
RT: 7.789 min Scan# 919
Delta R.T. -0.134 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

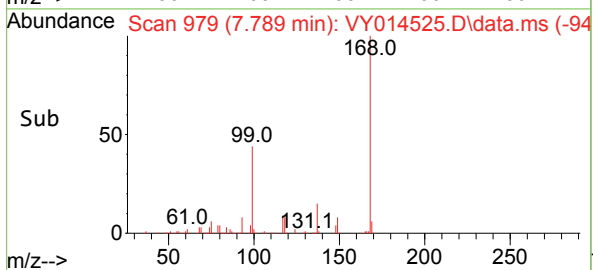
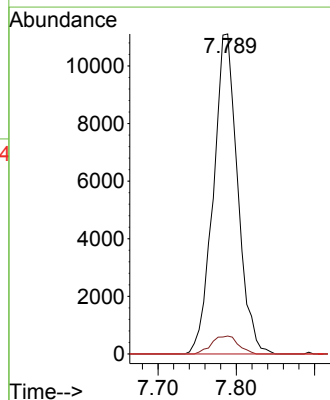
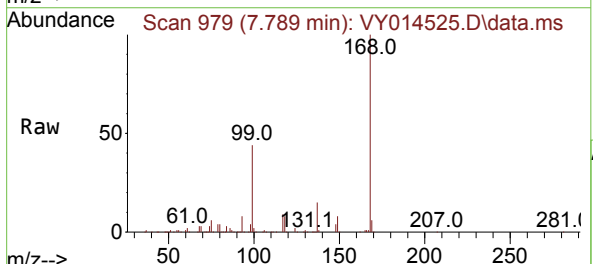
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

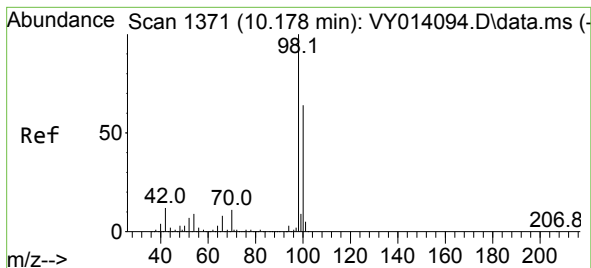
Tgt Ion: 75 Resp: 17915
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.488 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

Tgt Ion:117 Resp: 23945
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.630 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014525.D

Acq: 30 Jun 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

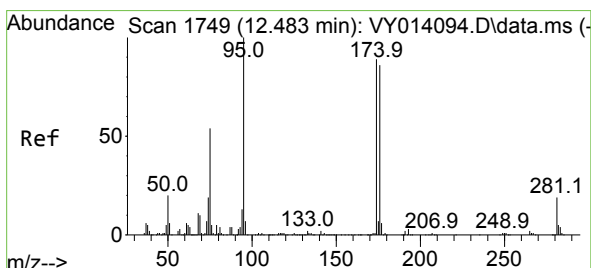
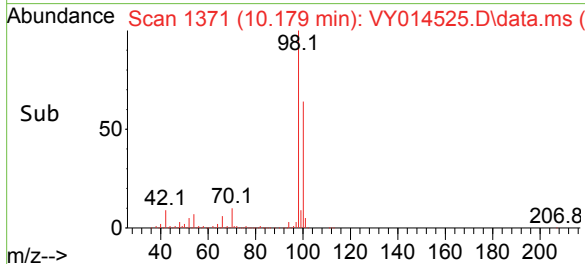
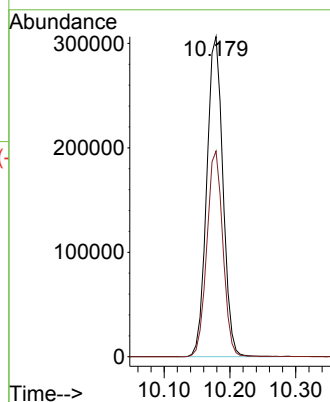
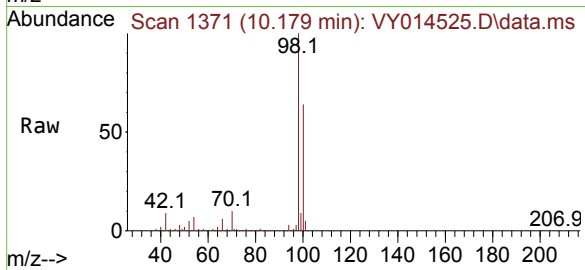
WC-1

Tgt Ion: 98 Resp: 524679

Ion Ratio Lower Upper

98 100

100 63.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.340 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014525.D

Acq: 30 Jun 2023 19:04

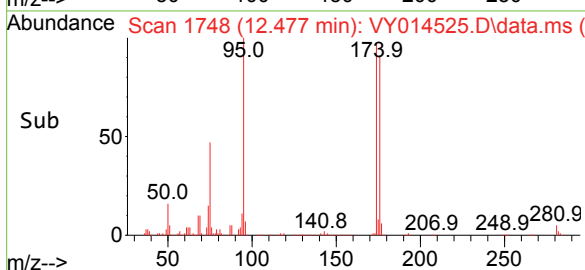
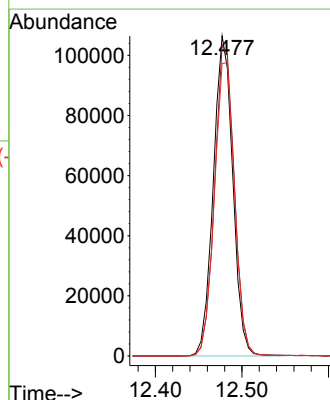
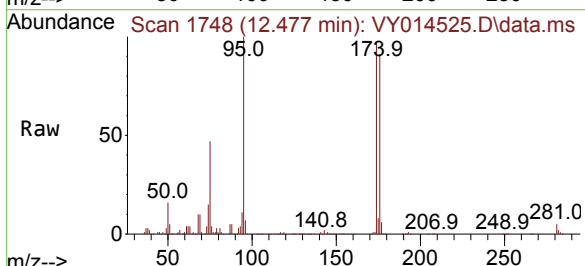
Tgt Ion: 95 Resp: 166115

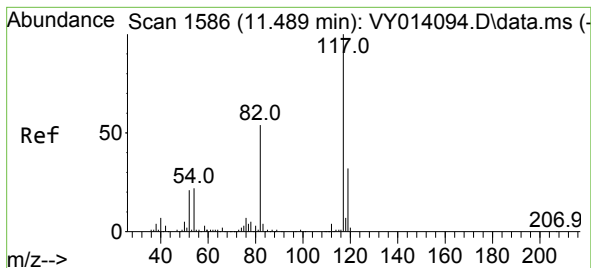
Ion Ratio Lower Upper

95 100

174 98.7 0.0 178.2

176 95.2 0.0 173.8

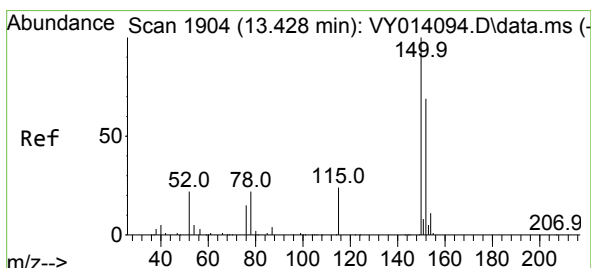
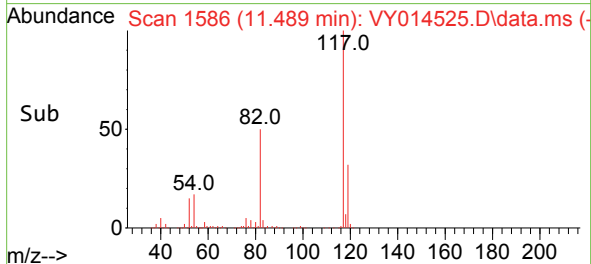
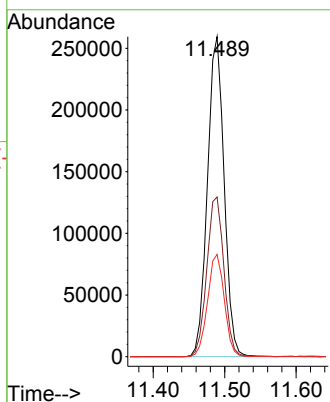
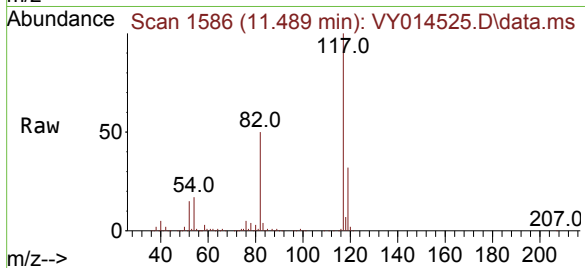




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

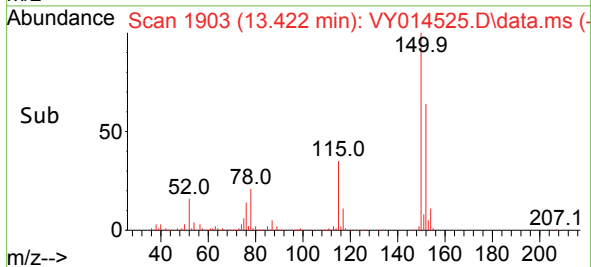
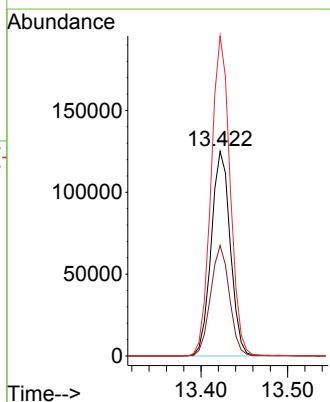
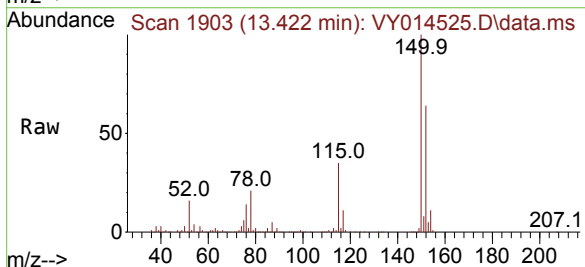
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

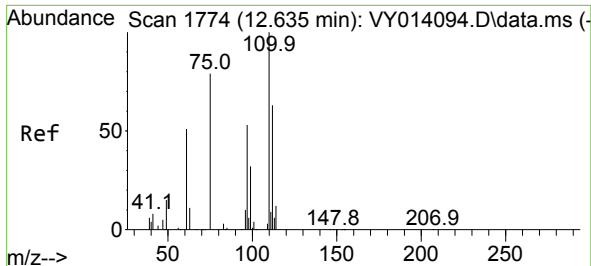
Tgt Ion:117 Resp: 420472
Ion Ratio Lower Upper
117 100
82 49.9 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

Tgt Ion:152 Resp: 191716
Ion Ratio Lower Upper
152 100
115 53.3 28.8 86.5
150 156.0 0.0 348.8

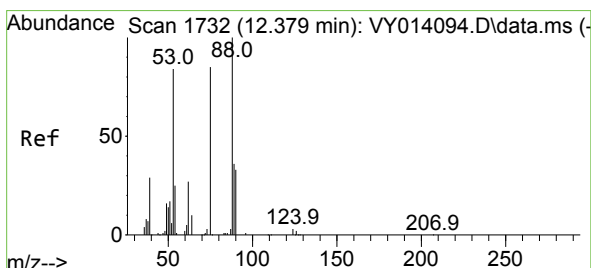
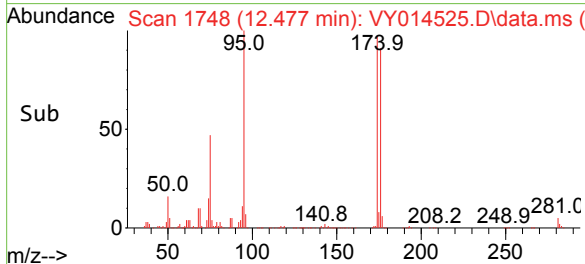
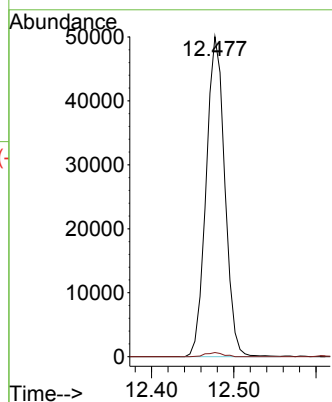
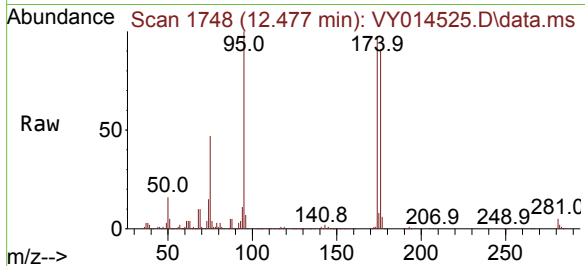




#76
1,2,3-Trichloropropane
Concen: 35.098 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion: 75 Resp: 78961
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.316 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014525.D
Acq: 30 Jun 2023 19:04

Tgt Ion: 75 Resp: 78961
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.1 37.4 56.0#

