

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012940.D
 Acq On : 14 Mar 2023 14:13
 Operator : KP/MD
 Sample : 01905-07
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-2

Quant Time: Mar 15 01:42:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

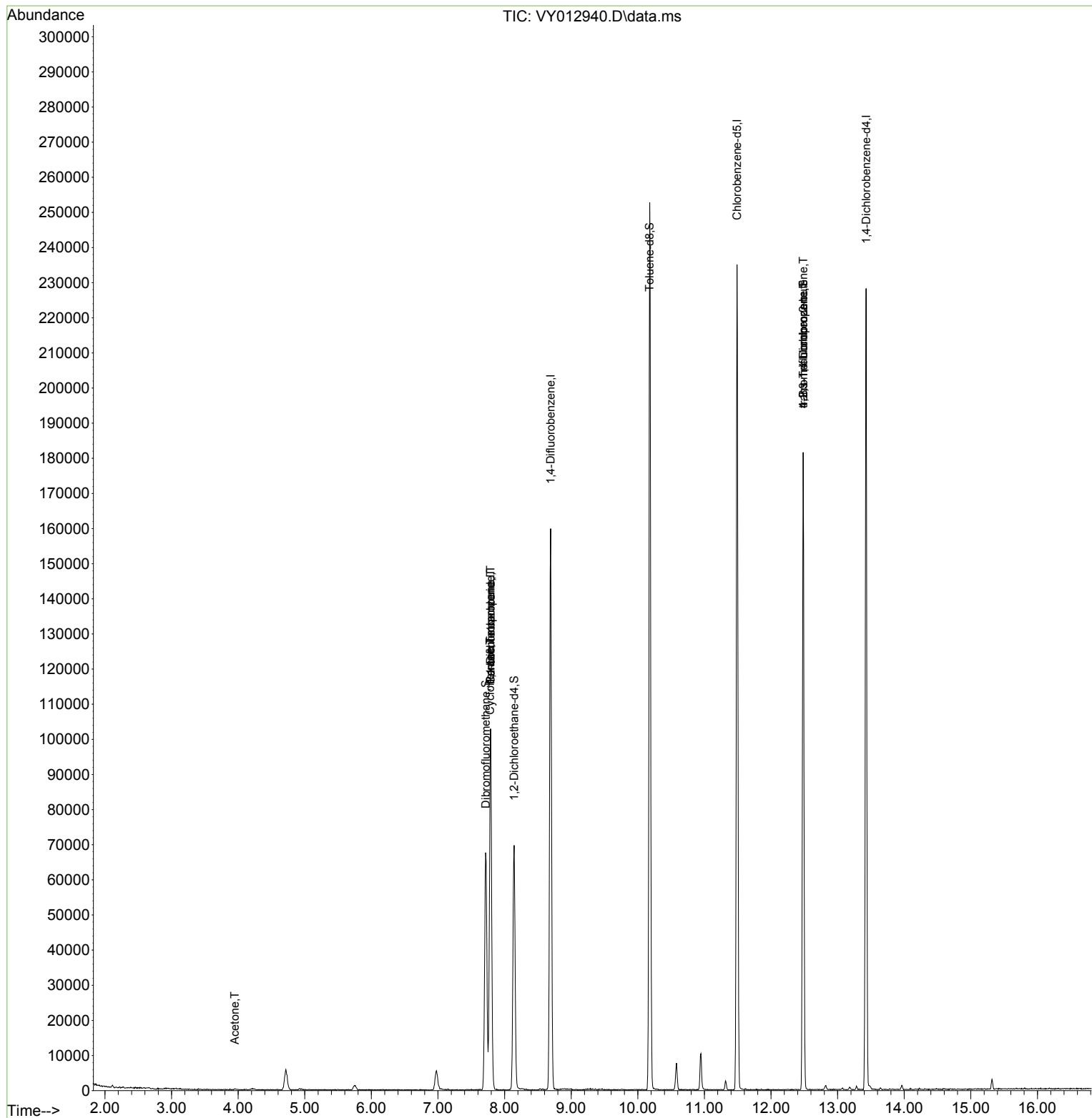
Internal Standards						
1) Pentafluorobenzene	7.789	168	80423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	125544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	54553	68.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.640%	
35) Dibromofluoromethane	7.716	113	47019	58.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.000%	
50) Toluene-d8	10.179	98	164745	55.588	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.180%	
62) 4-Bromofluorobenzene	12.483	95	50052	50.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	245	Below Cal	#	74
16) Acetone	3.948	43	382	1.219	ug/l #	72
20) Methylene Chloride	4.710	84	4231	Below Cal		92
31) Cyclohexane	7.783	56	1732	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6186	4.554	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7941	5.660	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	26258	38.357	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26258	79.477	ug/l #	13

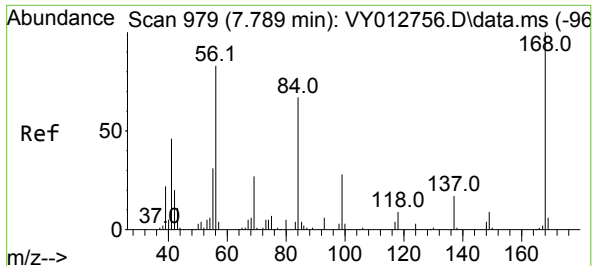
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
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Quant Title : SW846 8260
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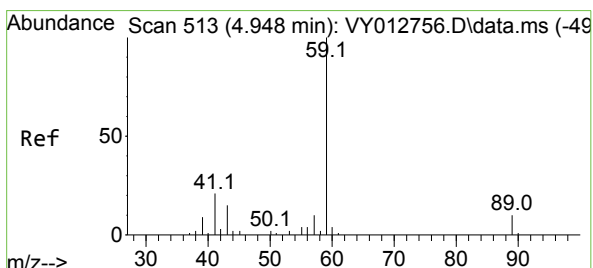
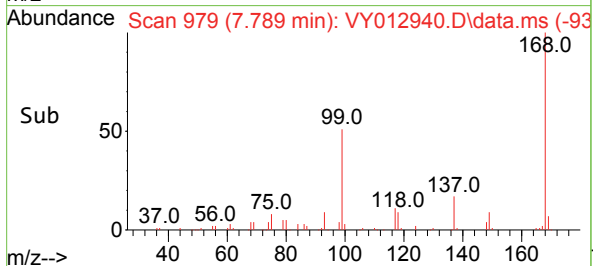
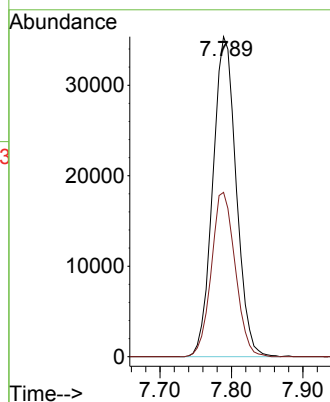
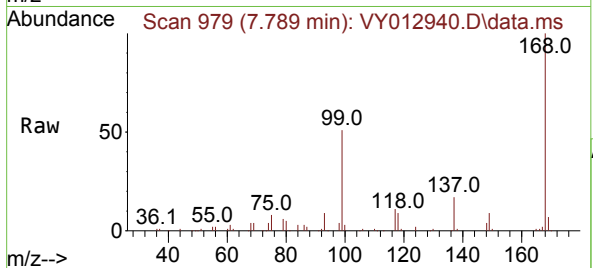




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

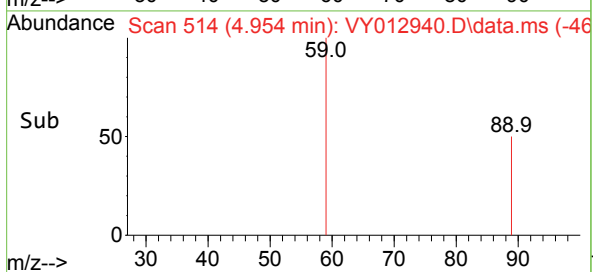
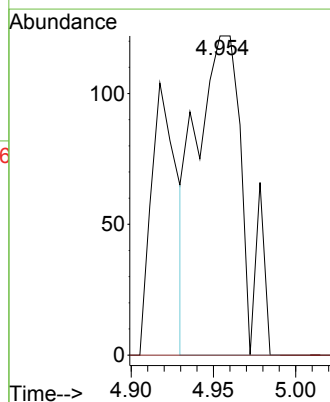
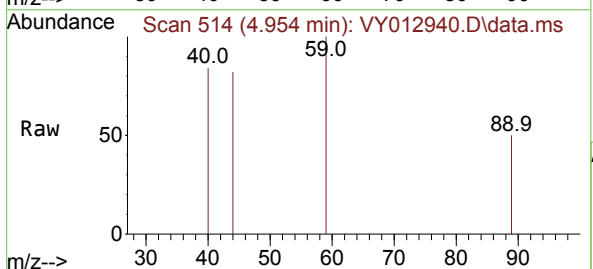
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-2

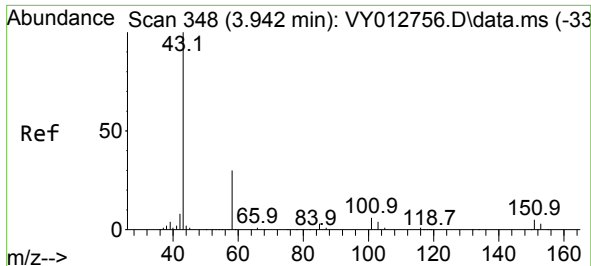
Tgt Ion:168 Resp: 80423
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.219 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY012940.D

Acq: 14 Mar 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

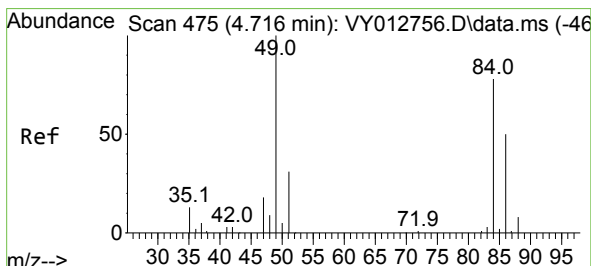
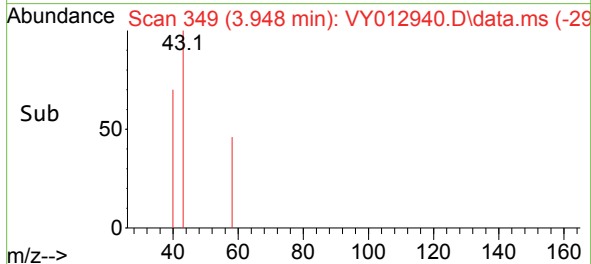
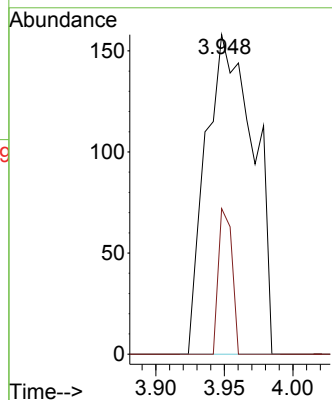
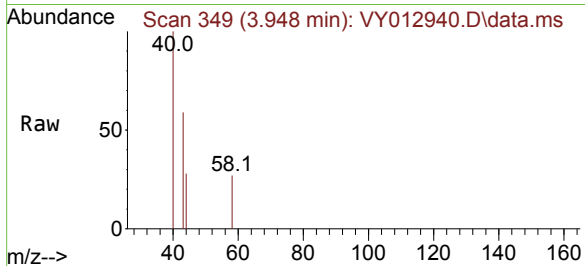
MAPLE-2

Tgt Ion: 43 Resp: 382

Ion Ratio Lower Upper

43 100

58 45.6 24.2 36.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012940.D

Acq: 14 Mar 2023 14:13

Tgt Ion: 84 Resp: 4231

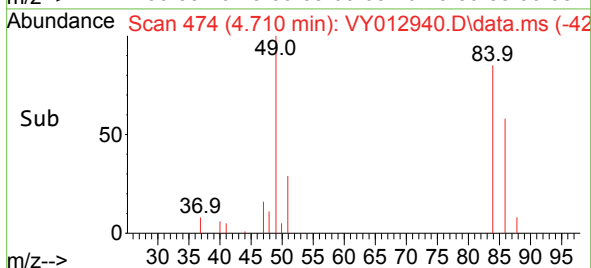
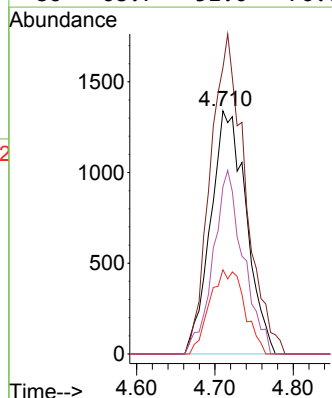
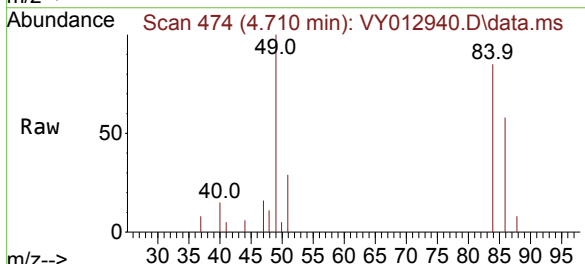
Ion Ratio Lower Upper

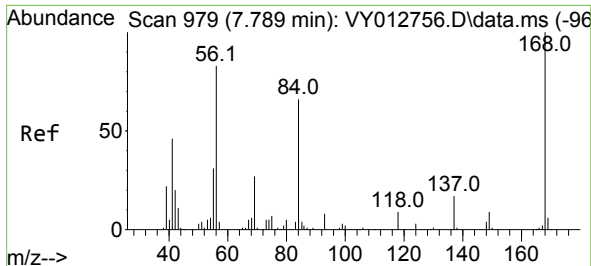
84 100

49 117.7 102.6 154.0

51 34.6 31.9 47.9

86 68.7 51.0 76.6

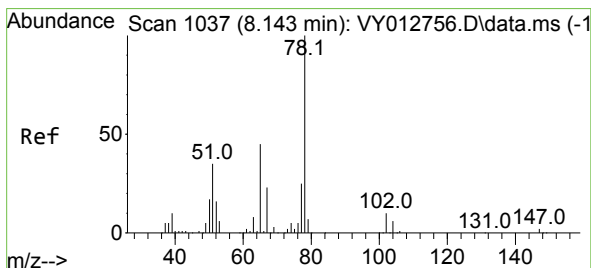
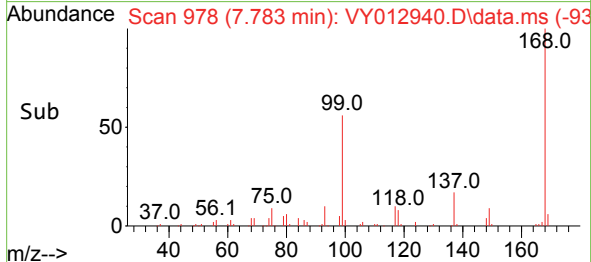
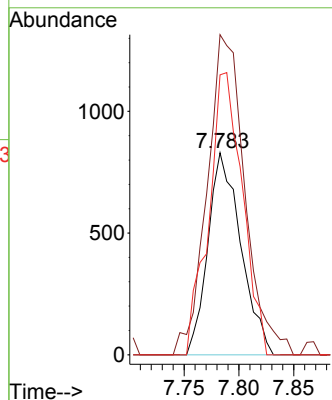
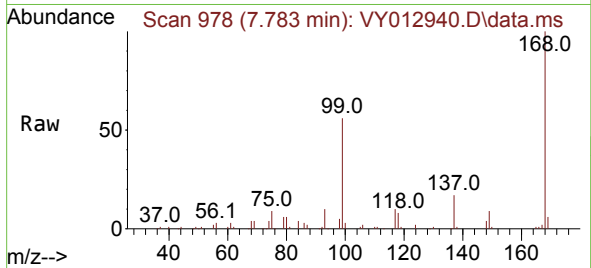




#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

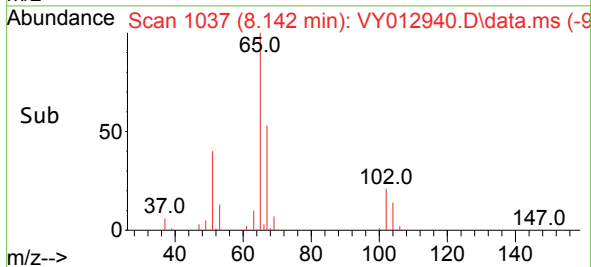
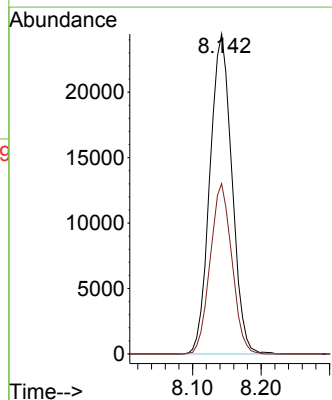
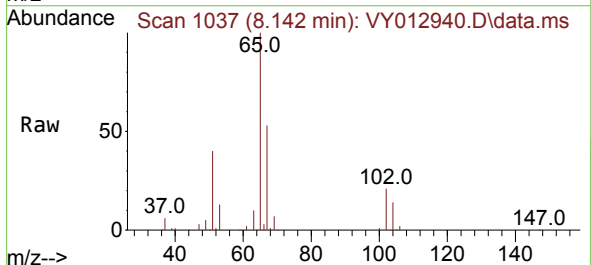
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-2

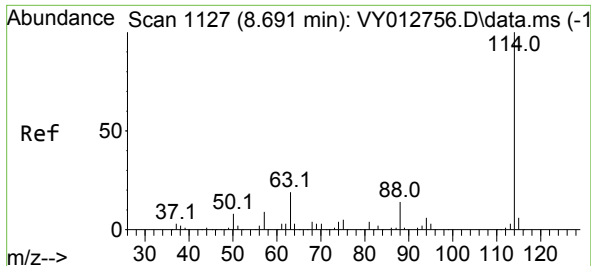
Tgt Ion: 56 Resp: 1732
Ion Ratio Lower Upper
56 100
69 151.0 25.7 38.5#
84 138.6 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 68.320 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

Tgt Ion: 65 Resp: 54553
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

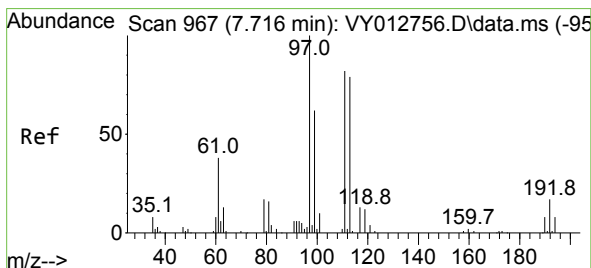
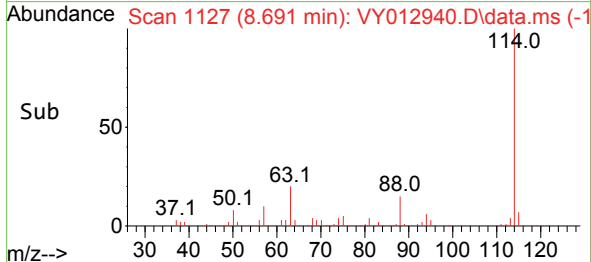
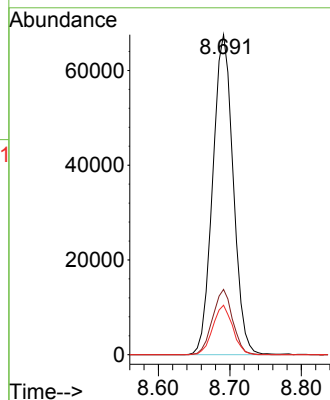
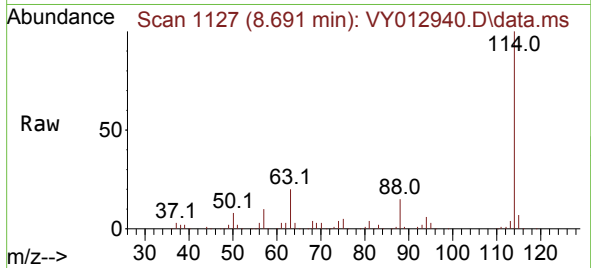




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

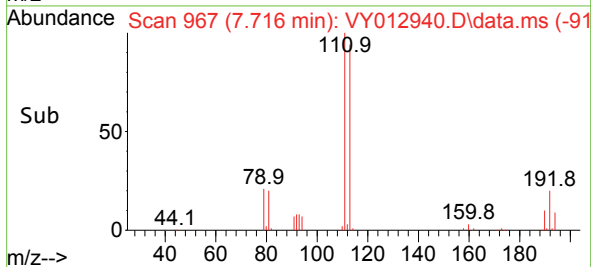
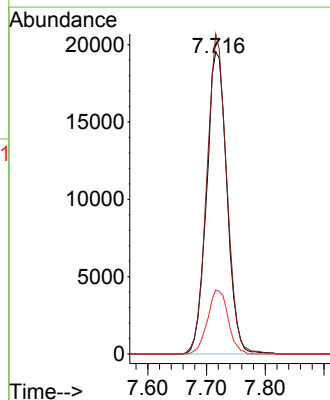
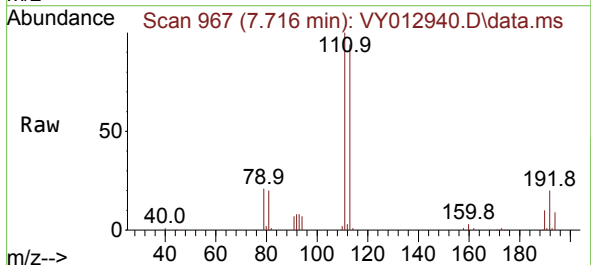
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-2

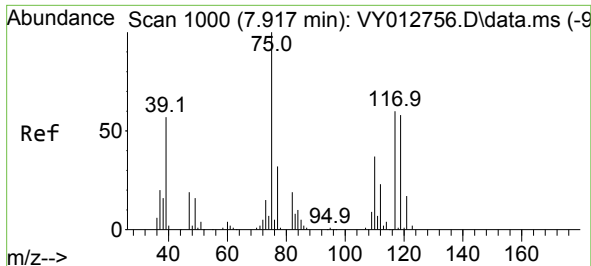
Tgt Ion:114 Resp: 134329
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.4 0.0 28.6



#35
Dibromofluoromethane
Concen: 58.000 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

Tgt Ion:113 Resp: 47019
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 21.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.554 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012940.D

Acq: 14 Mar 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-2

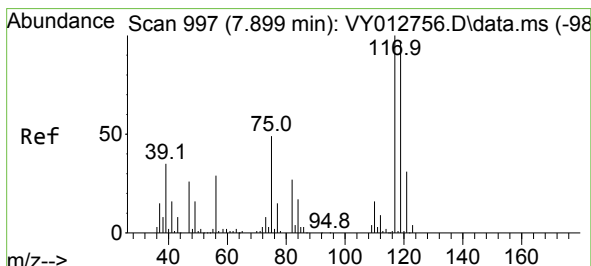
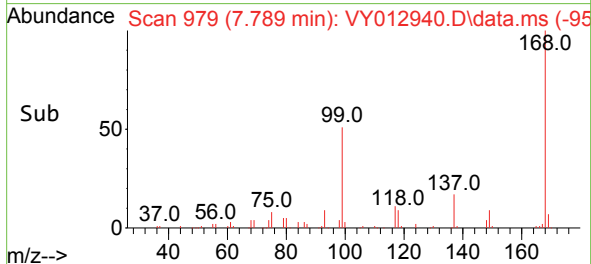
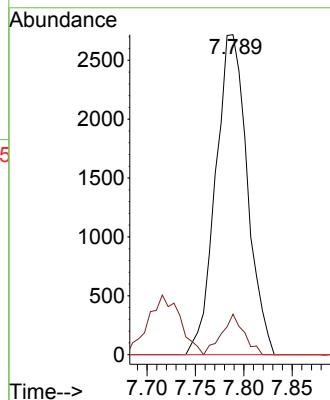
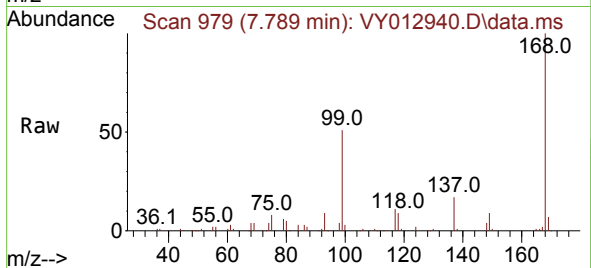
Tgt Ion: 75 Resp: 6186

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.660 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012940.D

Acq: 14 Mar 2023 14:13

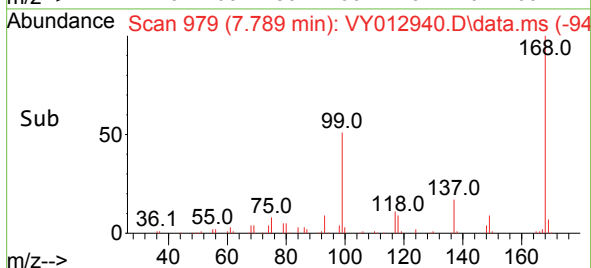
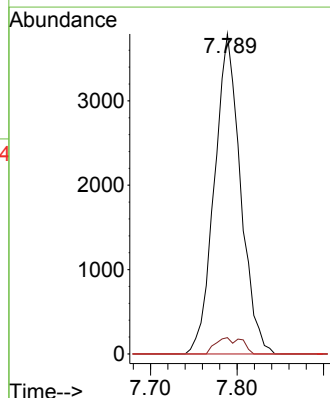
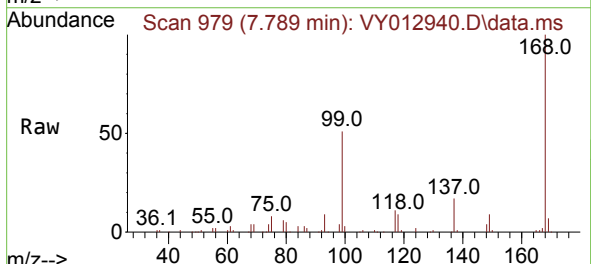
Tgt Ion: 117 Resp: 7941

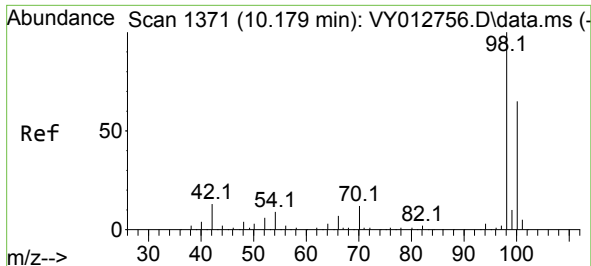
Ion Ratio Lower Upper

117 100

119 5.1 77.2 115.8#

121 0.0 24.7 37.1#

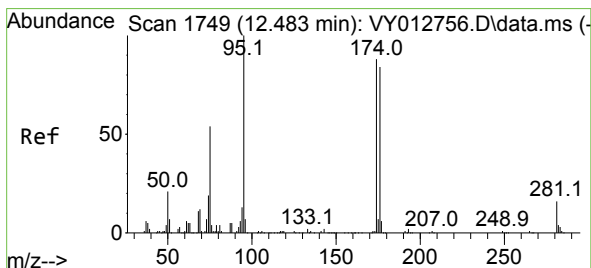
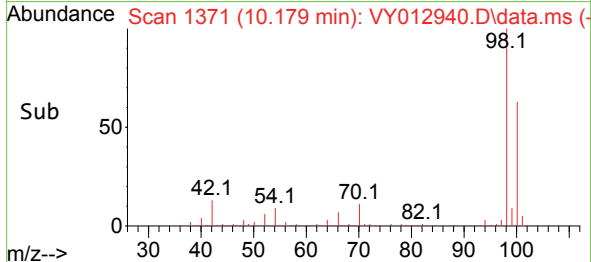
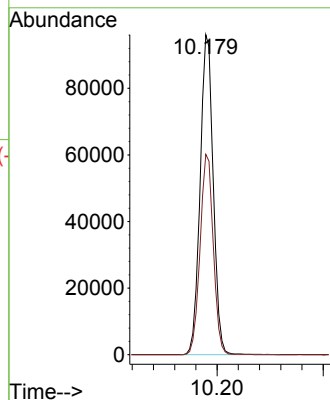
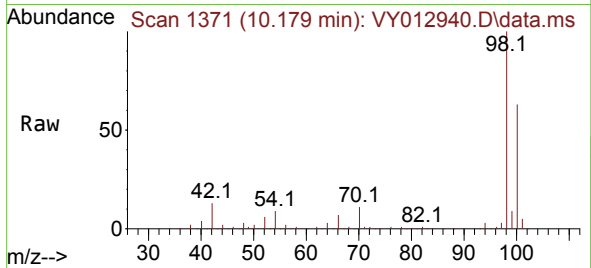




#50
Toluene-d8
Concen: 55.588 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

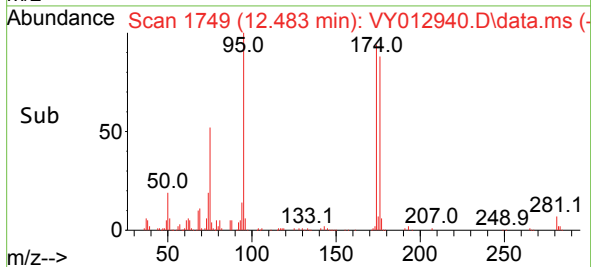
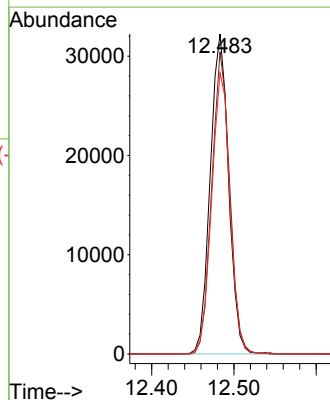
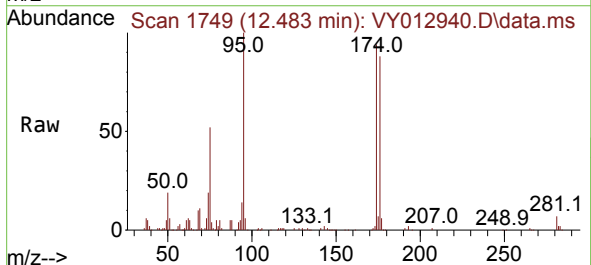
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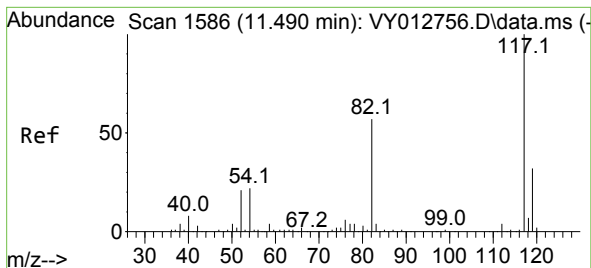
Tgt Ion: 98 Resp: 164745
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.037 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

Tgt Ion: 95 Resp: 50052
Ion Ratio Lower Upper
95 100
174 92.6 0.0 176.6
176 88.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012940.D

Acq: 14 Mar 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-2

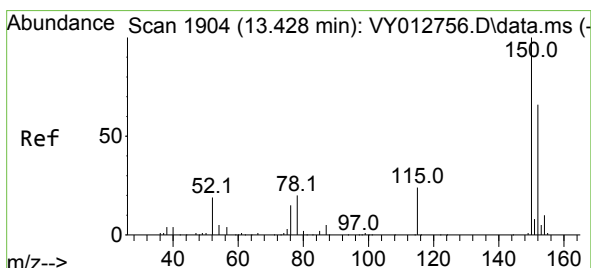
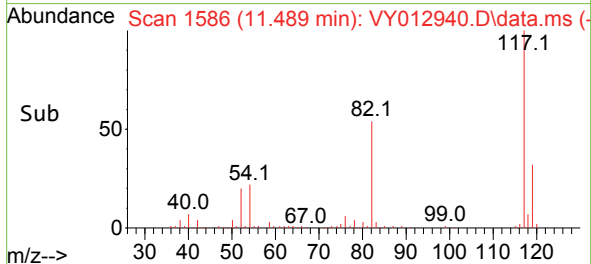
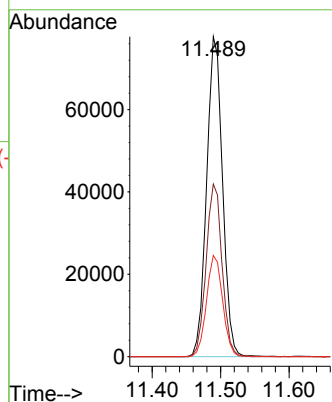
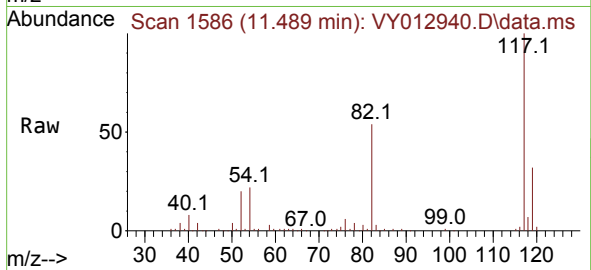
Tgt Ion:117 Resp: 125544

Ion Ratio Lower Upper

117 100

82 53.9 45.4 68.0

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012940.D

Acq: 14 Mar 2023 14:13

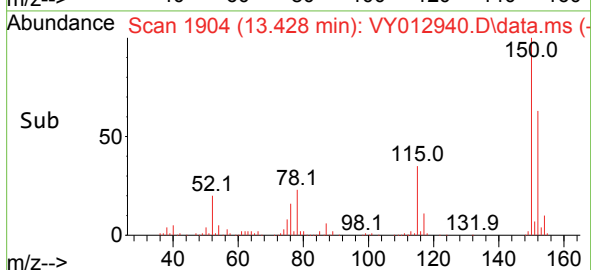
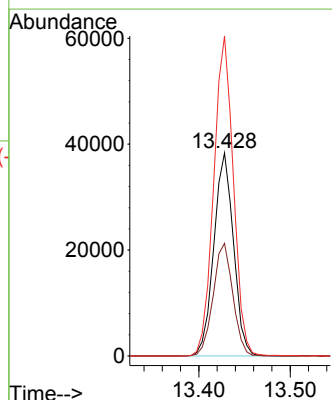
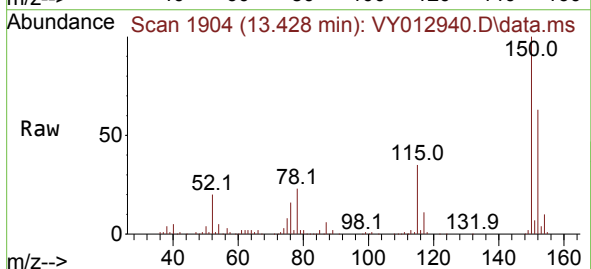
Tgt Ion:152 Resp: 57326

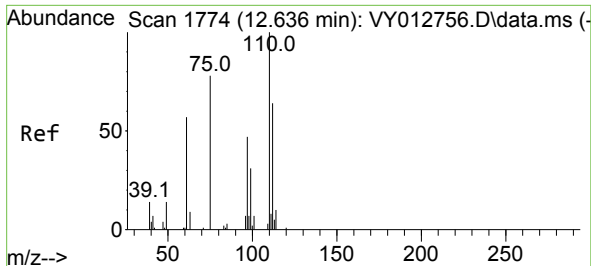
Ion Ratio Lower Upper

152 100

115 55.4 27.1 81.3

150 157.6 0.0 347.8

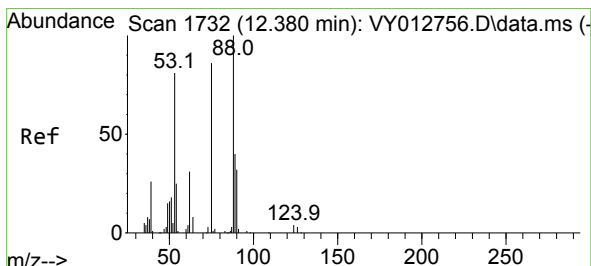
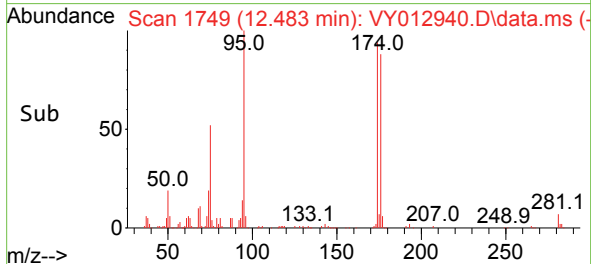
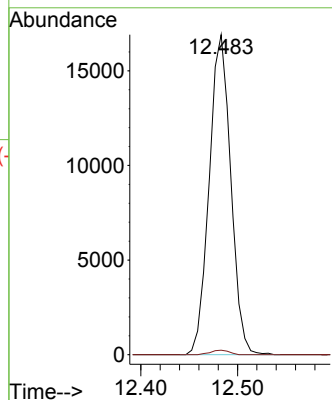
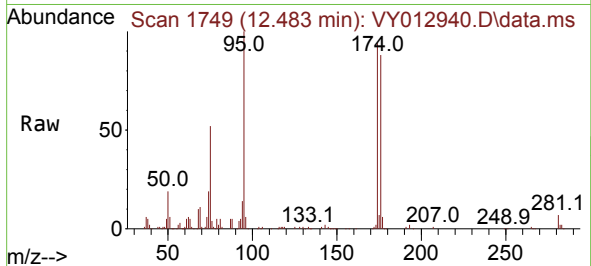




#76
1,2,3-Trichloropropane
Concen: 38.357 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-2

Tgt Ion: 75 Resp: 26258
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.477 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012940.D
Acq: 14 Mar 2023 14:13

Tgt Ion: 75 Resp: 26258
Ion Ratio Lower Upper
75 100
53 0.2 73.4 110.0#
89 0.1 36.6 55.0#

