

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014528.D
 Acq On : 30 Jun 2023 20:14
 Operator : KP/MD
 Sample : 03476-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOREMUS-COMP-2

Quant Time: Jun 30 23:21:52 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)

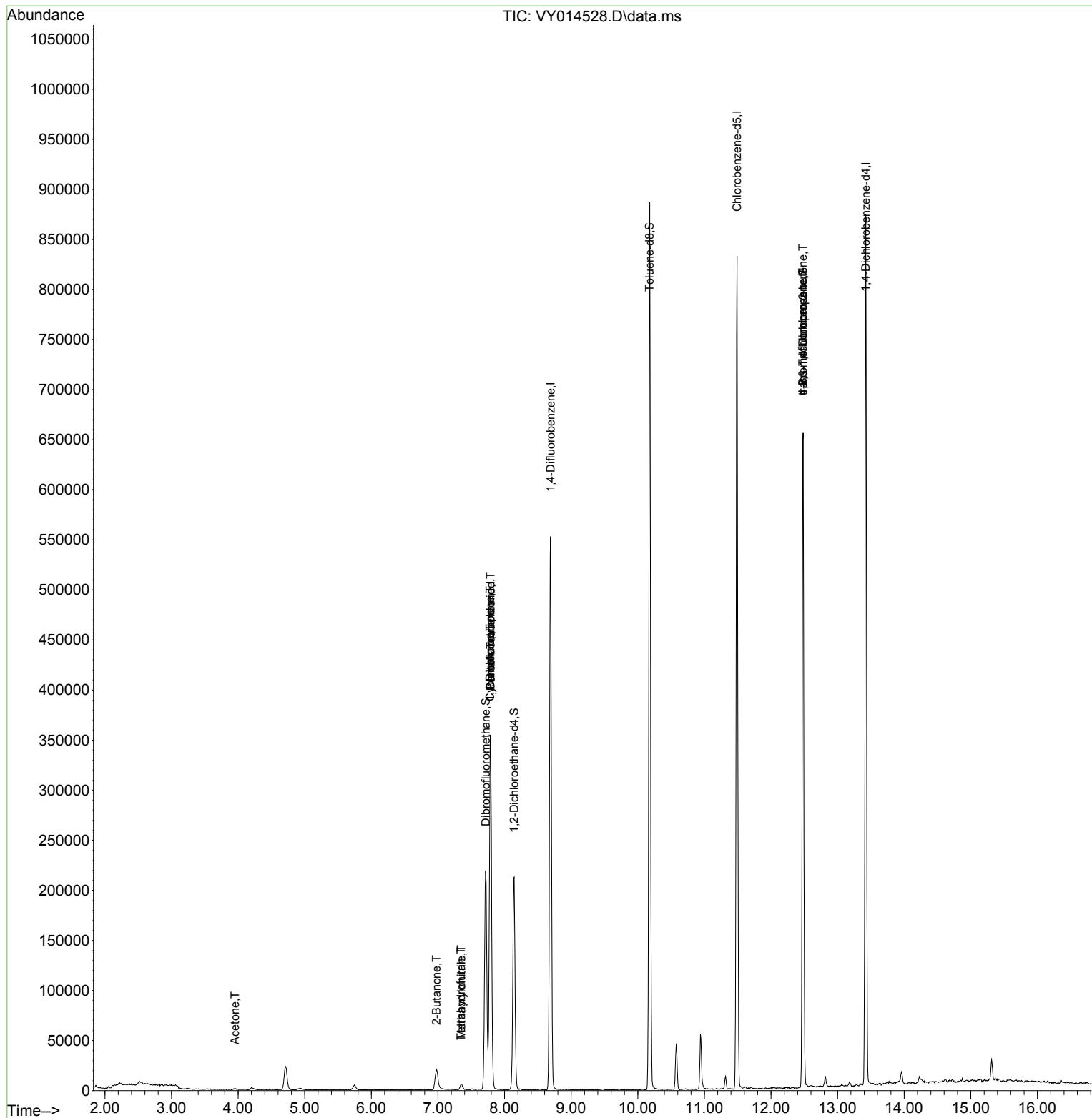
Internal Standards						
1) Pentafluorobenzene	7.789	168	307474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	496013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	479486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	235835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	169333	55.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.720%	
35) Dibromofluoromethane	7.716	113	159031	52.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.120%	
50) Toluene-d8	10.179	98	588481	48.737	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.477	95	201213	47.990	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.980%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	78	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	1681	Below Cal	#	89
16) Acetone	3.954	43	1936	2.027	ug/l	94
25) 2-Butanone	6.978	43	1473	1.041	ug/l #	49
29) Tetrahydrofuran	7.344	42	4092	4.485	ug/l #	83
31) Cyclohexane	7.783	56	5246	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	21387	4.572	ug/l #	49
38) Carbon Tetrachloride	7.789	117	26073	5.340	ug/l #	17
41) Methacrylonitrile	7.350	41	2533	1.616	ug/l #	38
76) 1,2,3-Trichloropropane	12.477	75	94808	34.258	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	94808	66.681	ug/l #	11

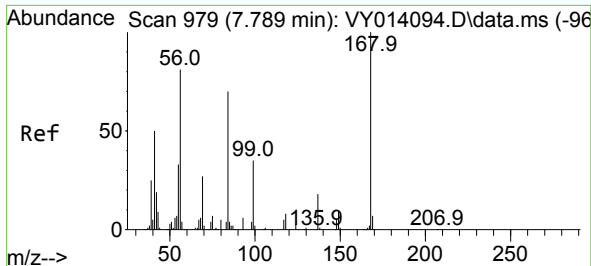
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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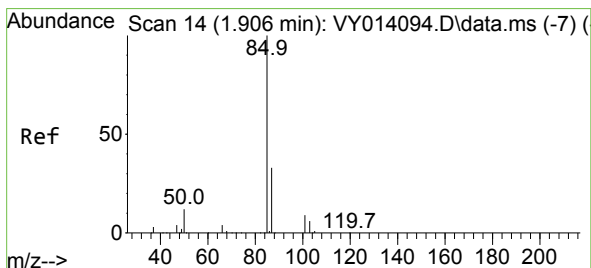
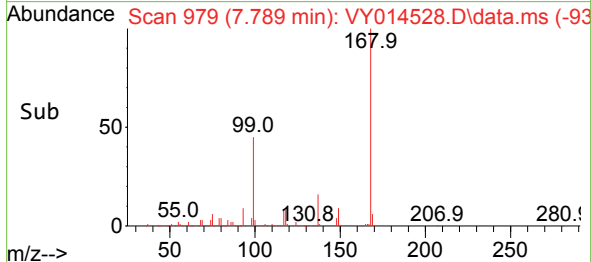
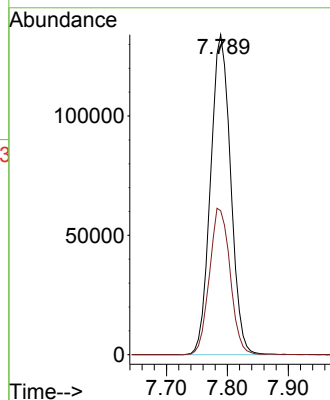
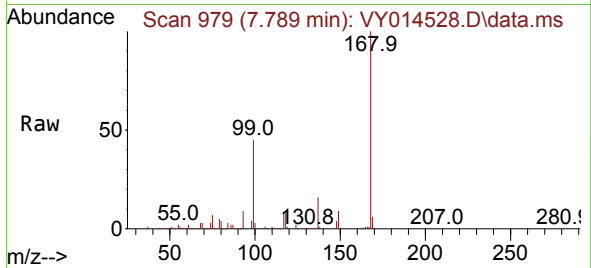




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

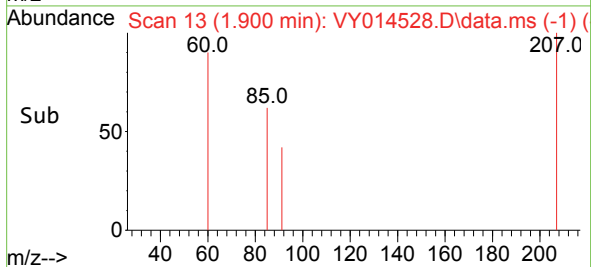
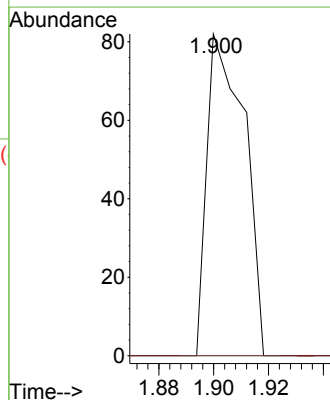
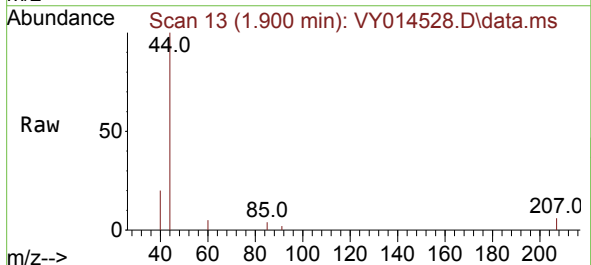
Instrument :
MSVOA_Y
ClientSampleId :
DOREMUS-COMP-2

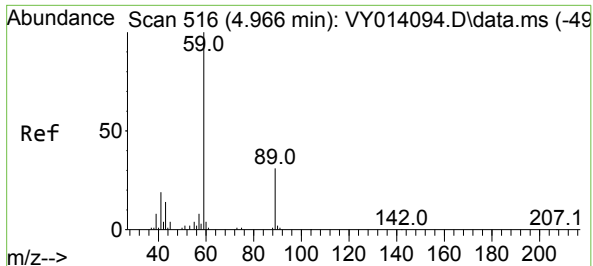
Tgt Ion:168 Resp: 307474
Ion Ratio Lower Upper
168 100
99 45.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

Tgt Ion: 85 Resp: 78
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: VY014528.D

Acq: 30 Jun 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

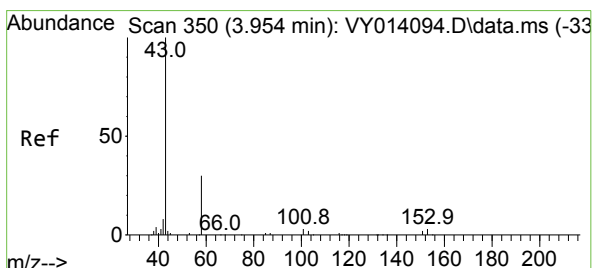
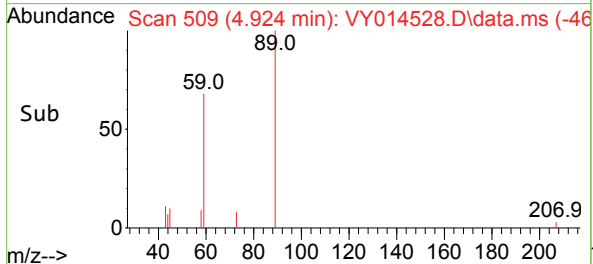
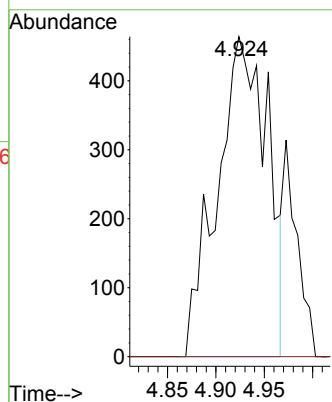
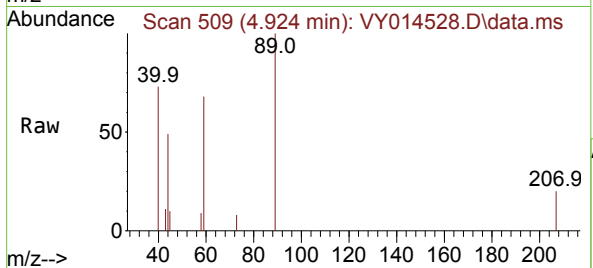
DOREMUS-COMP-2

Tgt Ion: 59 Resp: 1681

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 2.027 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY014528.D

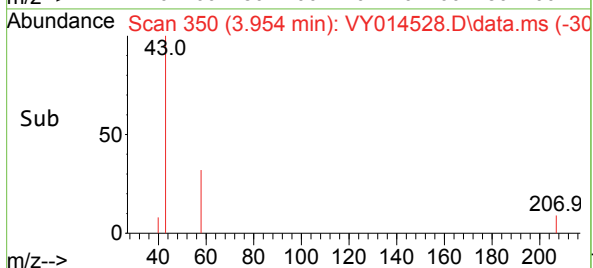
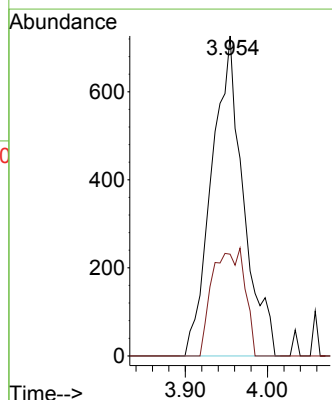
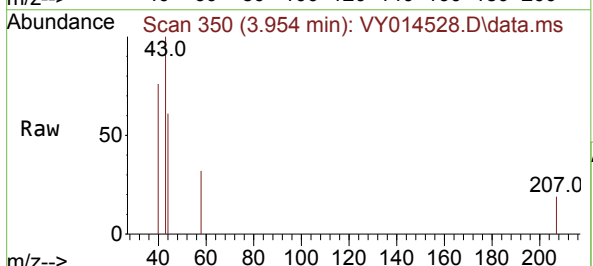
Acq: 30 Jun 2023 20:14

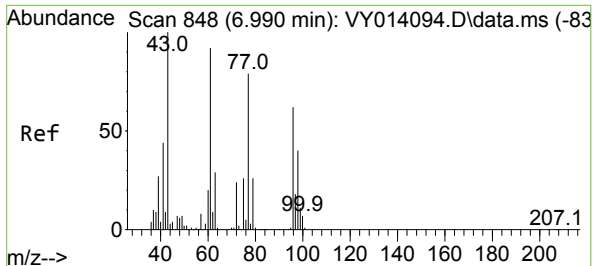
Tgt Ion: 43 Resp: 1936

Ion Ratio Lower Upper

43 100

58 31.8 22.7 34.1





#25

2-Butanone

Concen: 1.041 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014528.D

Acq: 30 Jun 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

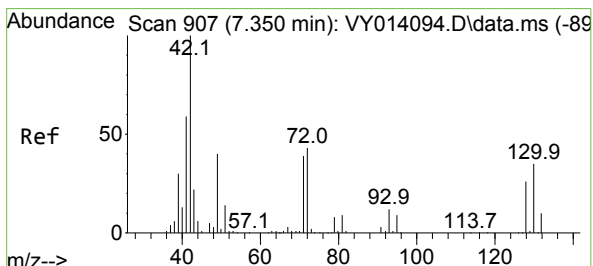
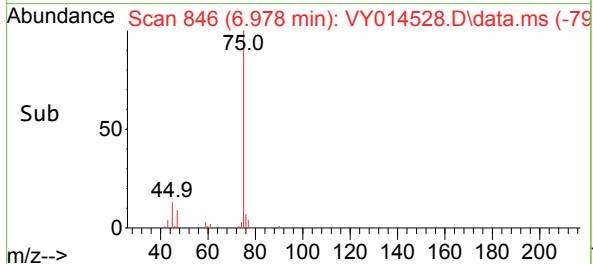
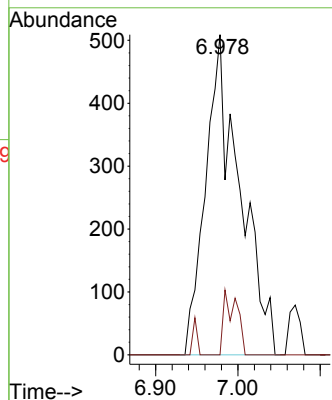
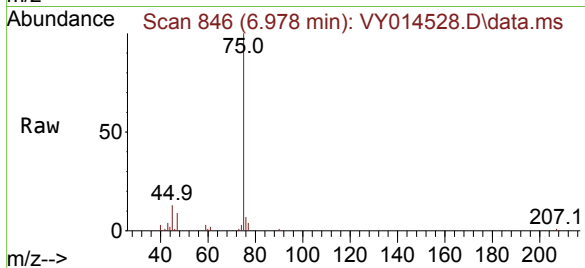
DOREMUS-COMP-2

Tgt Ion: 43 Resp: 1473

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#29

Tetrahydrofuran

Concen: 4.485 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014528.D

Acq: 30 Jun 2023 20:14

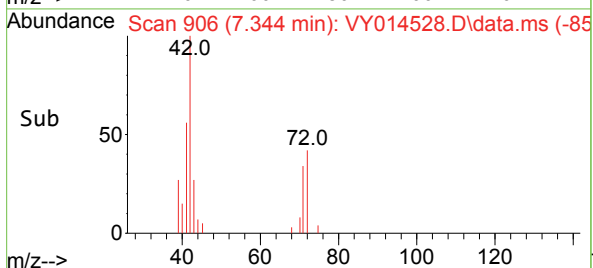
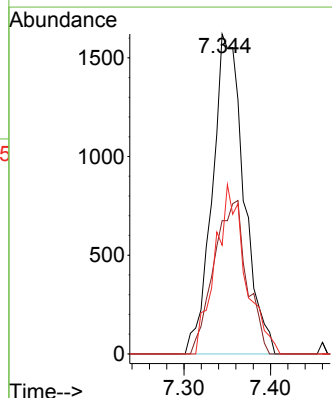
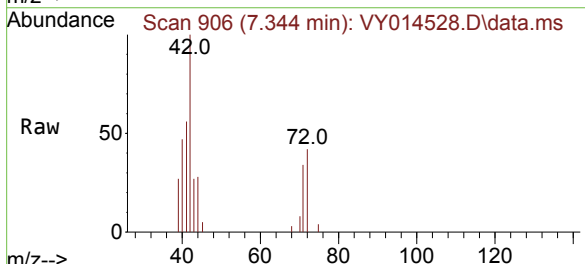
Tgt Ion: 42 Resp: 4092

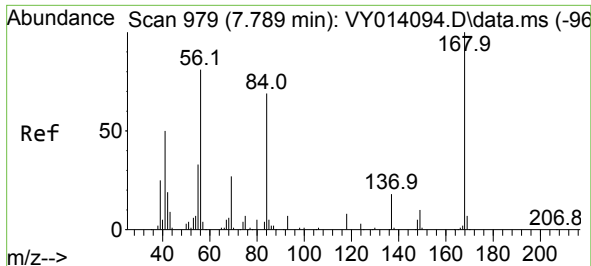
Ion Ratio Lower Upper

42 100

72 50.2 32.8 49.2#

71 51.0 31.0 46.4#

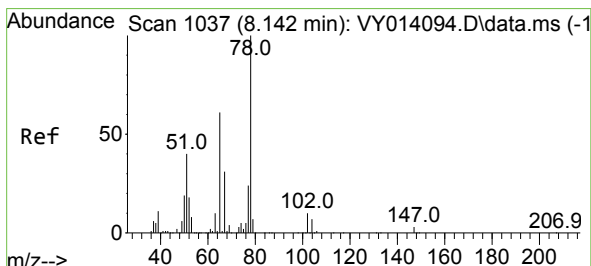
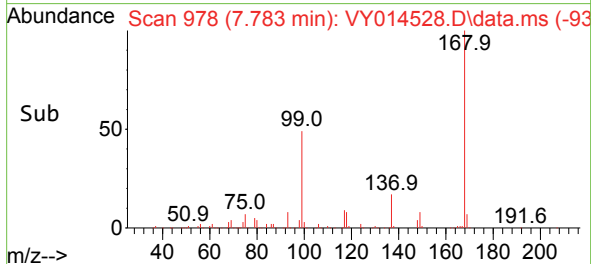
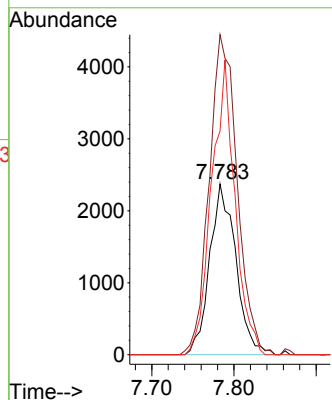
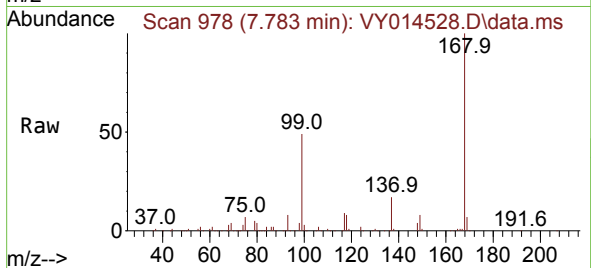




#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

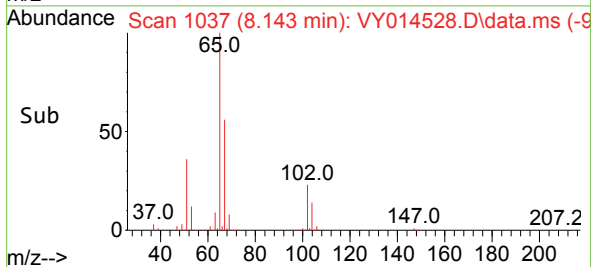
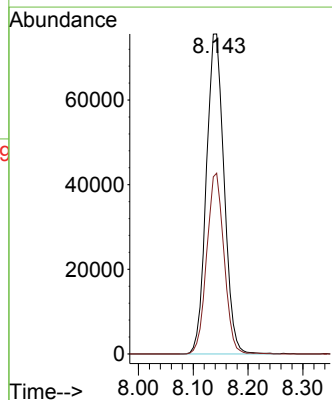
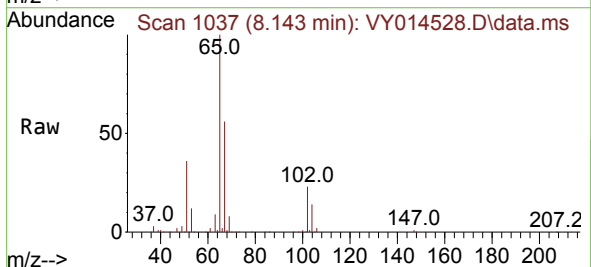
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DOREMUS-COMP-2

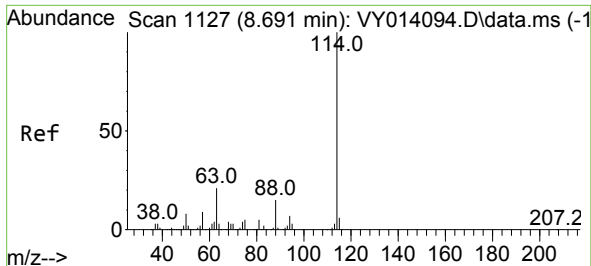
Tgt Ion: 56 Resp: 5246
Ion Ratio Lower Upper
56 100
69 187.4 27.8 41.6#
84 131.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.361 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

Tgt Ion: 65 Resp: 169333
Ion Ratio Lower Upper
65 100
67 55.2 0.0 101.8

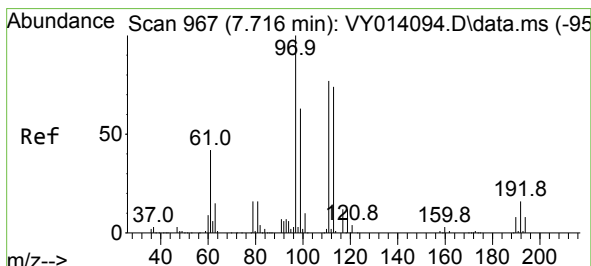
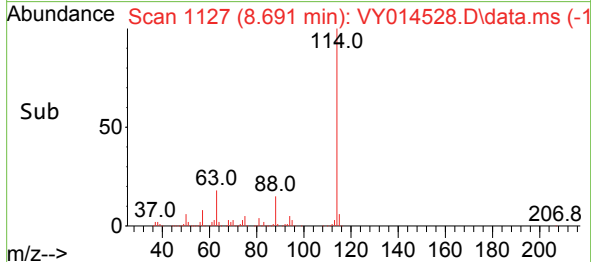
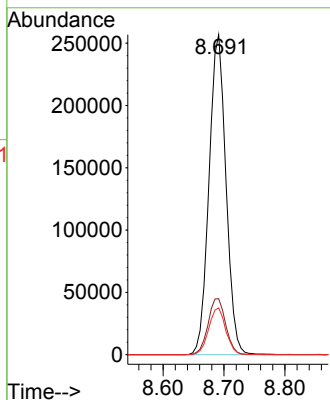
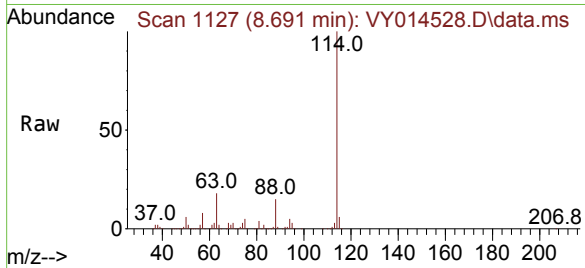




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

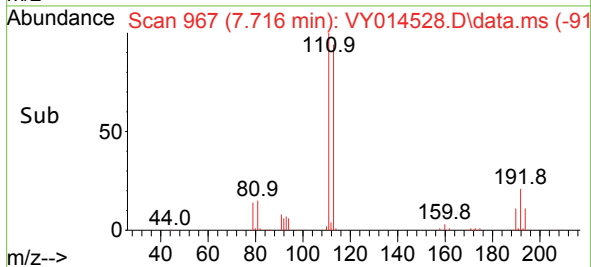
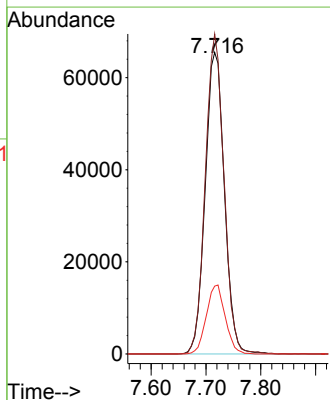
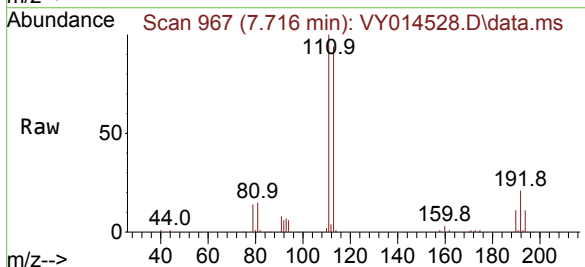
Instrument :
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ClientSampleId :
DOREMUS-COMP-2

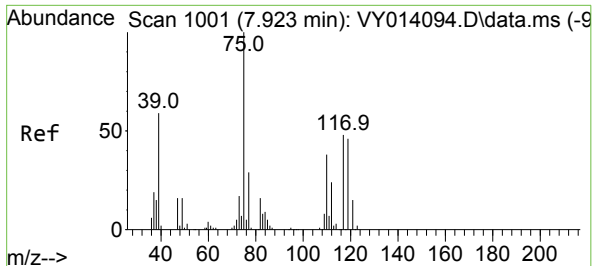
Tgt Ion:114 Resp: 496013
Ion Ratio Lower Upper
114 100
63 17.5 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.065 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

Tgt Ion:113 Resp: 159031
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 22.5 16.9 25.3

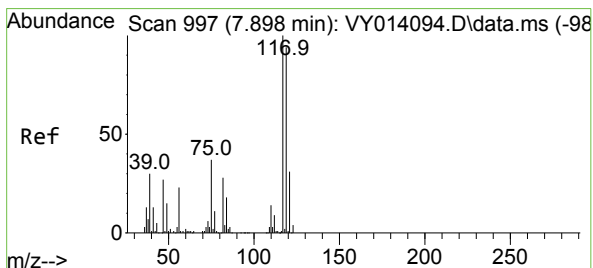
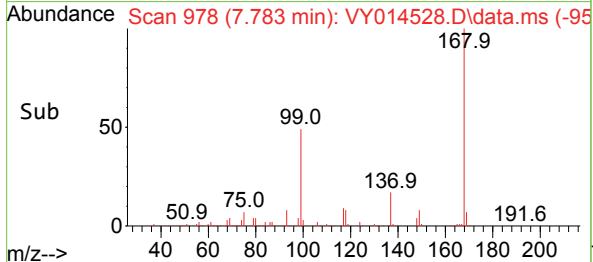
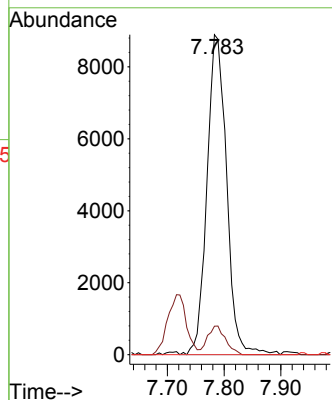
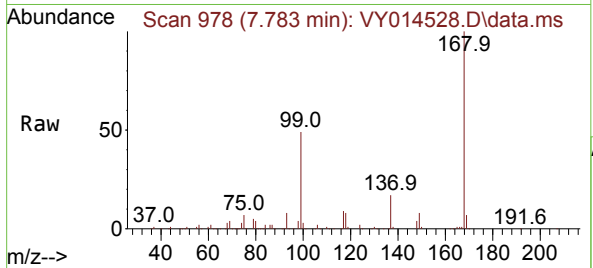




#36
1,1-Dichloropropene
Concen: 4.572 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

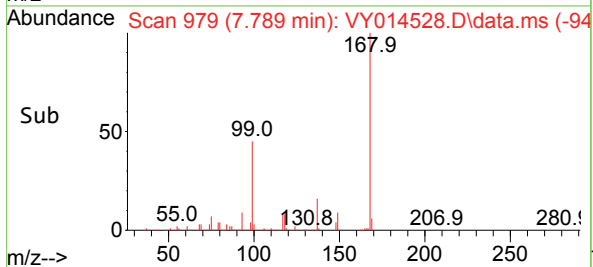
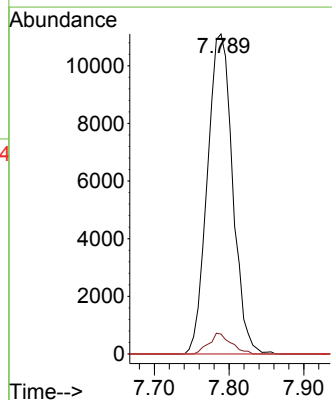
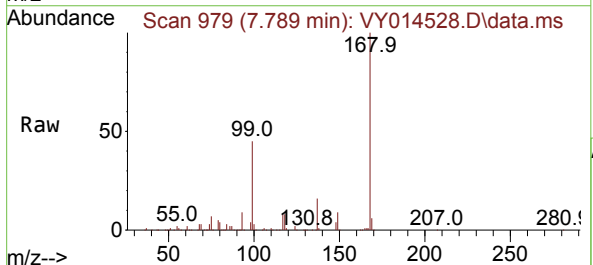
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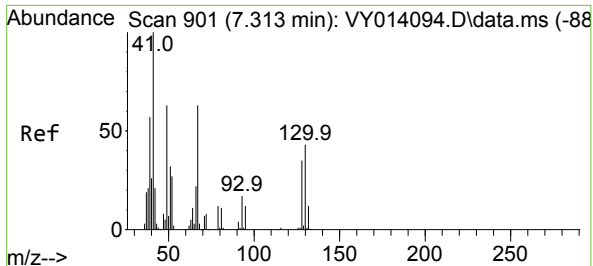
Tgt Ion: 75 Resp: 21387
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

Tgt Ion: 117 Resp: 26073
Ion Ratio Lower Upper
117 100
119 6.2 76.4 114.6#
121 0.0 25.8 38.6#

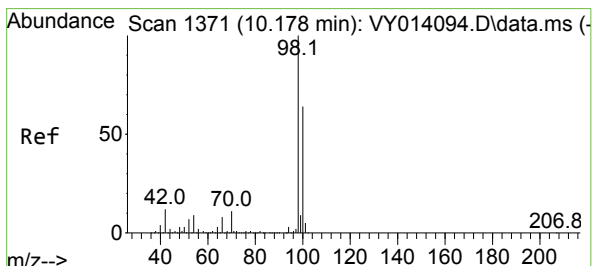
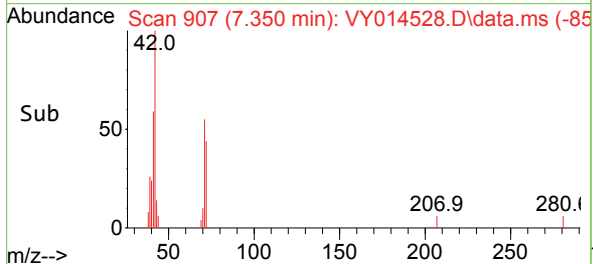
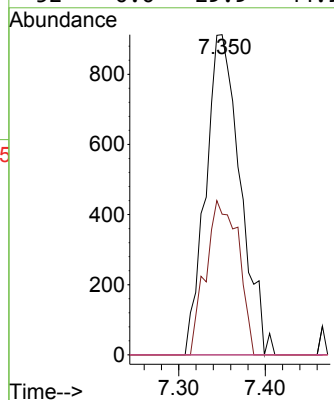
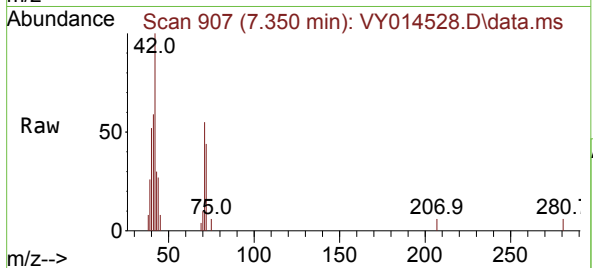




#41
Methacrylonitrile
Concen: 1.616 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

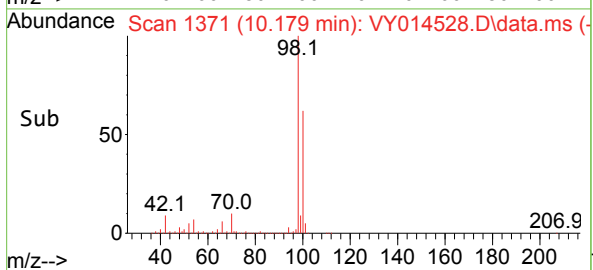
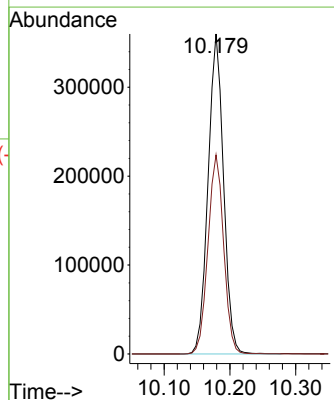
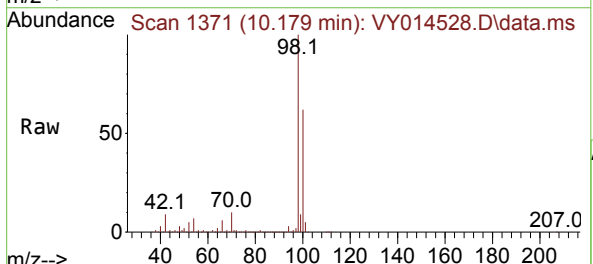
Instrument :
MSVOA_Y
ClientSampleId :
DOREMUS-COMP-2

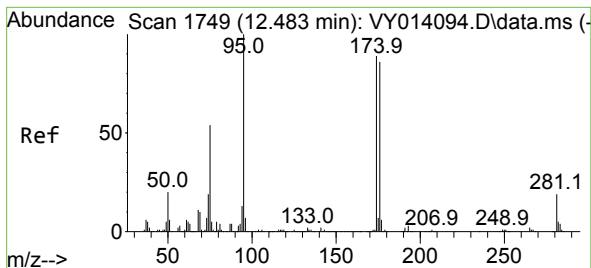
Tgt Ion: 41	Resp: 2533
Ion Ratio	Lower Upper
41 100	
39 45.7	52.1 78.1#
67 0.0	66.2 99.2#
52 0.0	29.9 44.9#



#50
Toluene-d8
Concen: 48.737 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

Tgt Ion: 98	Resp: 588481
Ion Ratio	Lower Upper
98 100	
100 63.2	50.1 75.1

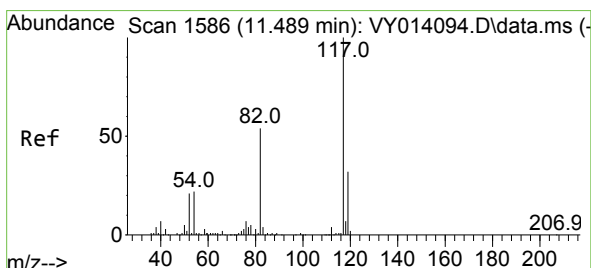
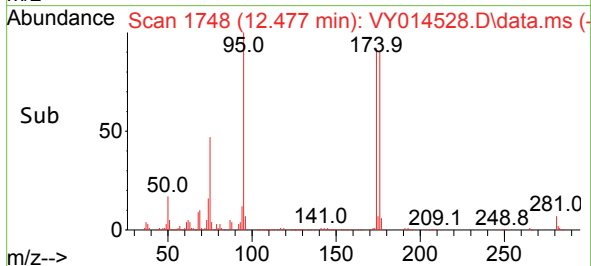
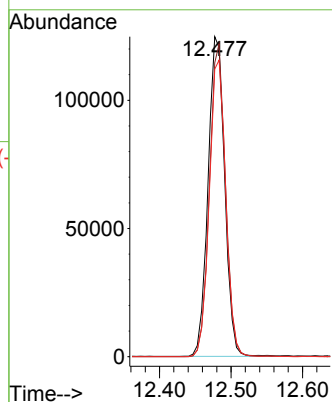
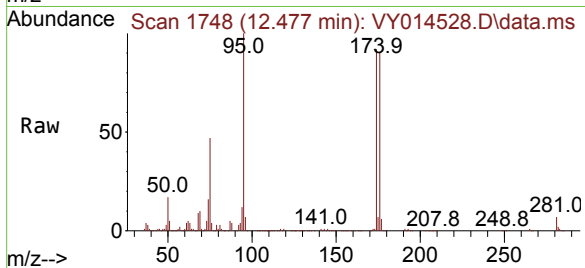




#62
4-Bromofluorobenzene
Concen: 47.990 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

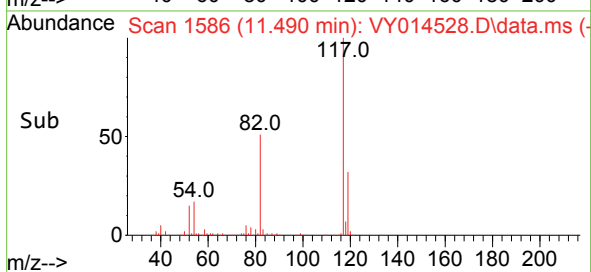
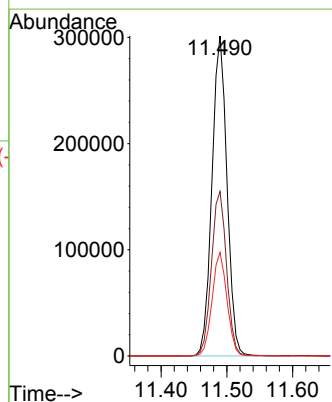
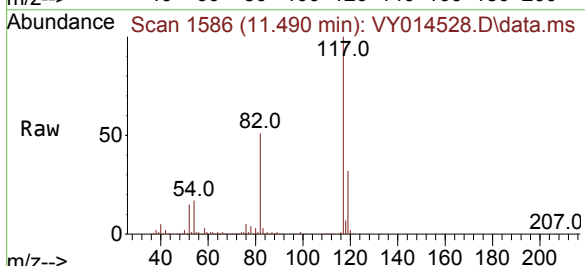
Instrument :
MSVOA_Y
ClientSampleId :
DOREMUS-COMP-2

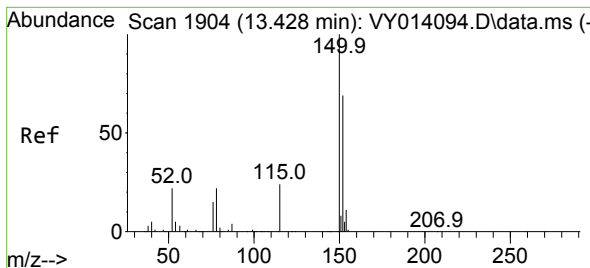
Tgt Ion: 95 Resp: 201213
Ion Ratio Lower Upper
95 100
174 94.5 0.0 178.2
176 92.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

Tgt Ion: 117 Resp: 479486
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 32.4 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: VY014528.D

Acq: 30 Jun 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

DOREMUS-COMP-2

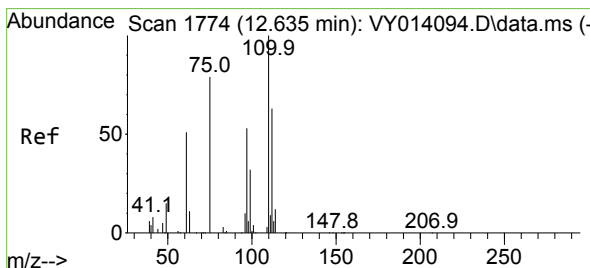
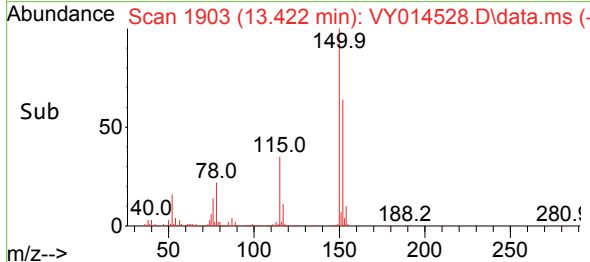
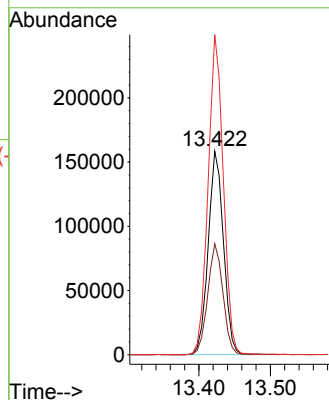
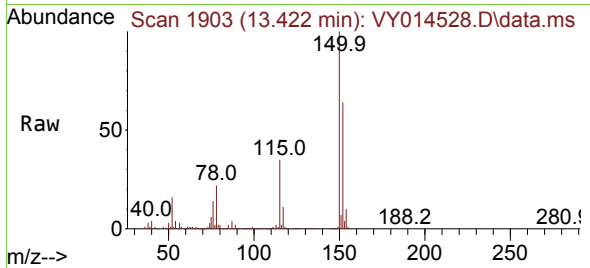
Tgt Ion:152 Resp: 235835

Ion Ratio Lower Upper

152 100

115 54.3 28.8 86.5

150 155.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 34.258 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014528.D

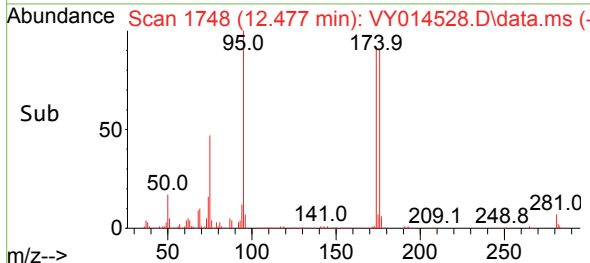
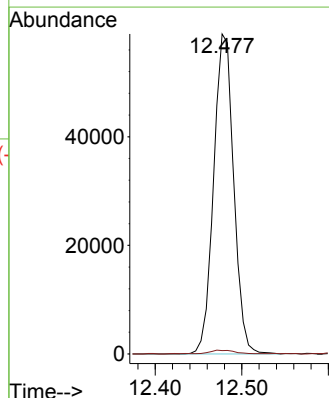
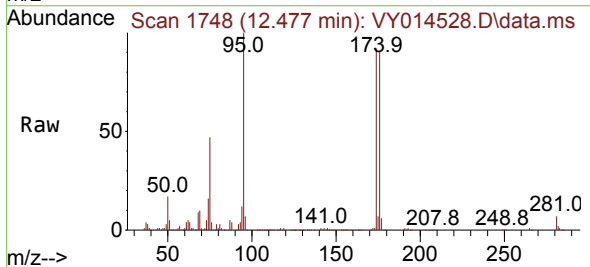
Acq: 30 Jun 2023 20:14

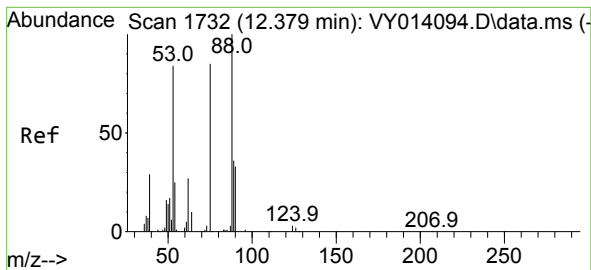
Tgt Ion: 75 Resp: 94808

Ion Ratio Lower Upper

75 100

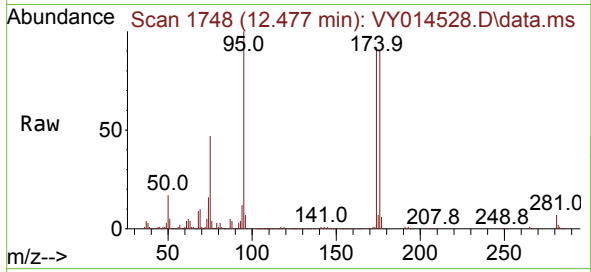
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.681 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014528.D
 Acq: 30 Jun 2023 20:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOREMUS-COMP-2



Tgt Ion: 75 Resp: 94808
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.1 37.4 56.0#

