

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014527.D
 Acq On : 30 Jun 2023 19:51
 Operator : KP/MD
 Sample : 03476-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOREMUS-COMP-1

Quant Time: Jun 30 23:21:33 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)

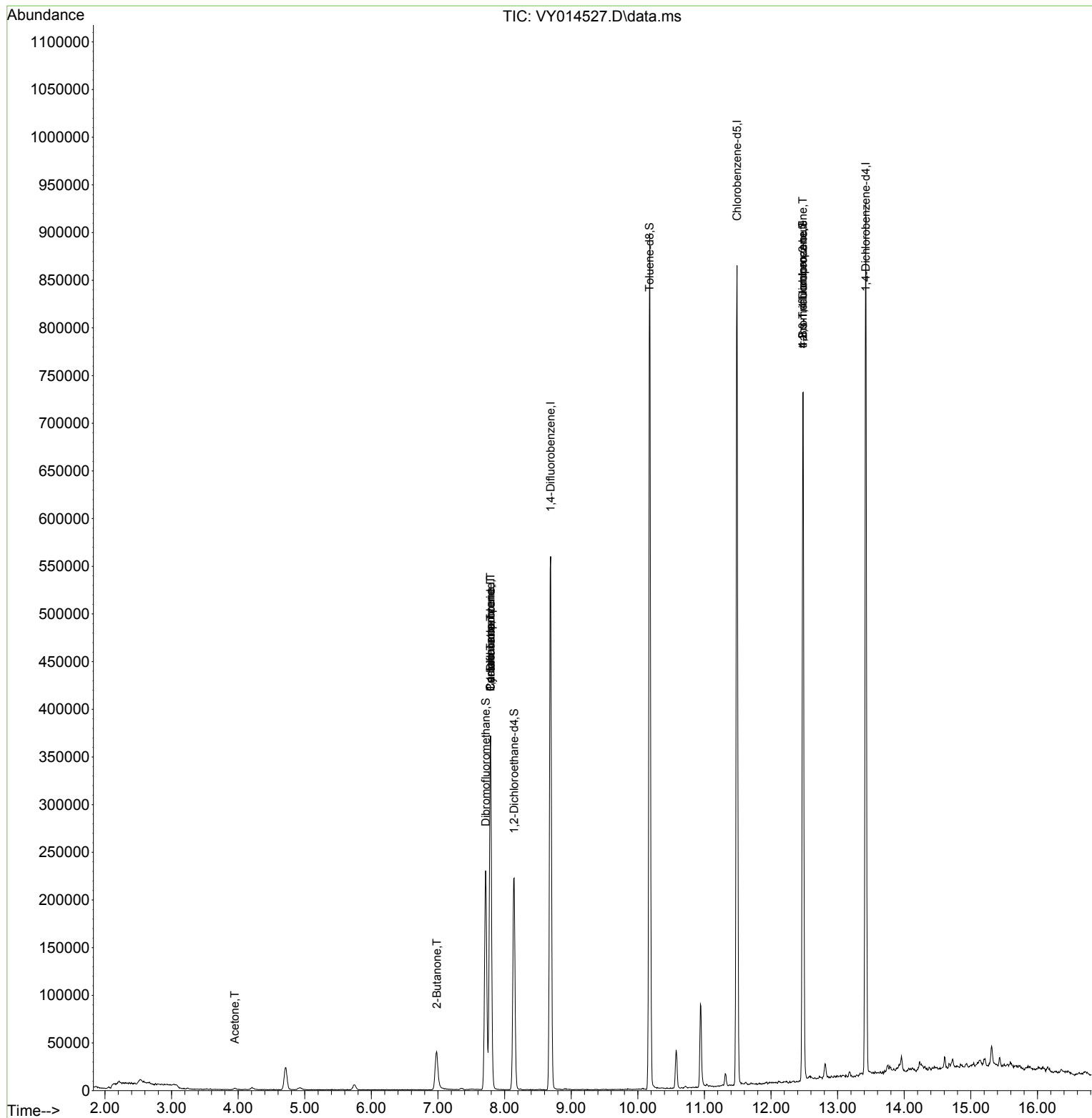
Internal Standards						
1) Pentafluorobenzene	7.789	168	313637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	506477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	501539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	249277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	179183	57.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.860%
35) Dibromofluoromethane	7.716	113	164054	52.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.179	98	604069	48.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.477	95	221174	51.661	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.320%
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	171	Below Cal	#	43
11) Tert butyl alcohol	4.899	59	715	Below Cal	#	89
13) Acrolein	3.741	56	39	Below Cal	#	14
16) Acetone	3.948	43	2455	2.520	ug/l	99
25) 2-Butanone	6.984	43	2207	1.530	ug/l	# 84
31) Cyclohexane	7.789	56	5242	1.071	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	21451	4.491	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	27238	5.463	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	103759	35.471	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	103759	69.041	ug/l	# 11

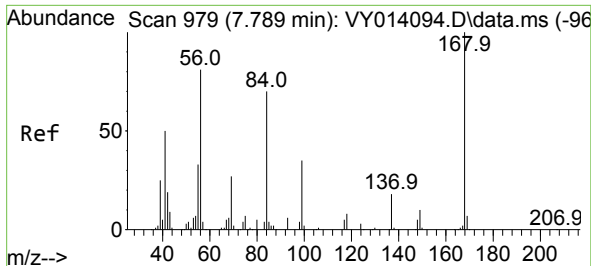
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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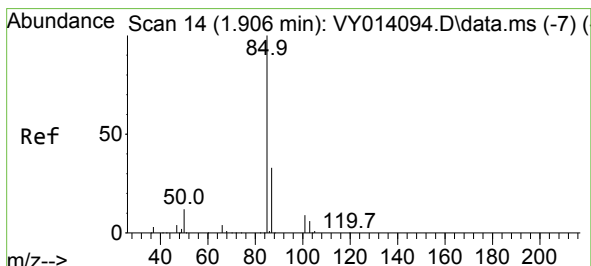
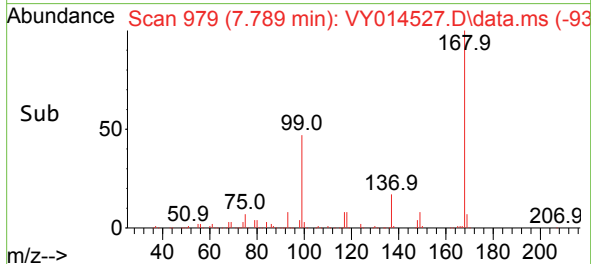
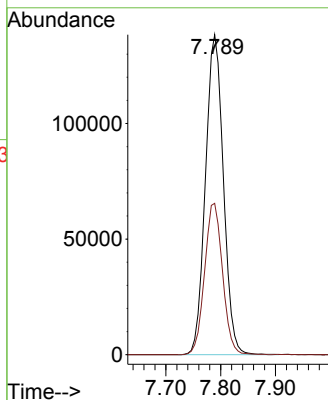
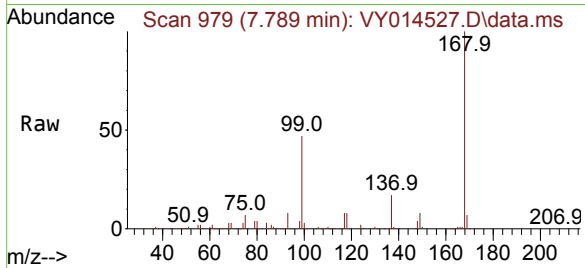




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51

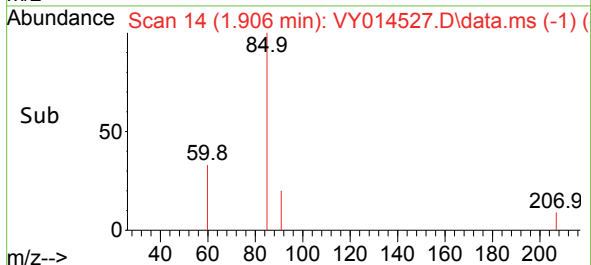
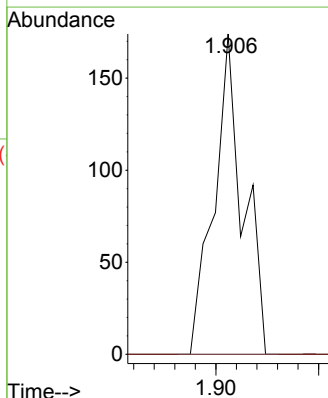
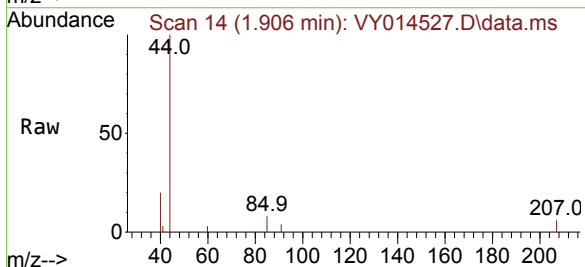
Instrument :
MSVOA_Y
ClientSampleId :
DOREMUS-COMP-1

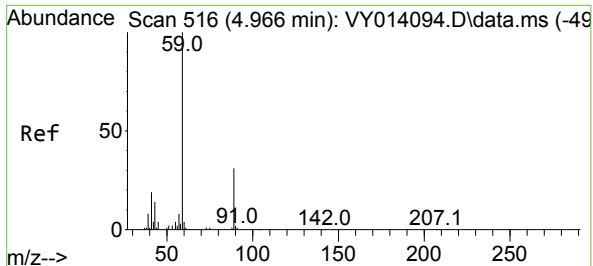
Tgt Ion:168 Resp: 313637
Ion Ratio Lower Upper
168 100
99 47.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51

Tgt Ion: 85 Resp: 171
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.899 min Scan# 50

Delta R.T. -0.067 min

Lab File: VY014527.D

Acq: 30 Jun 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

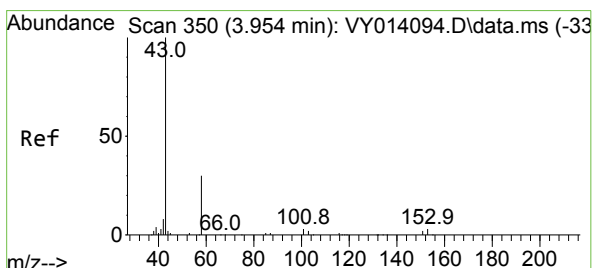
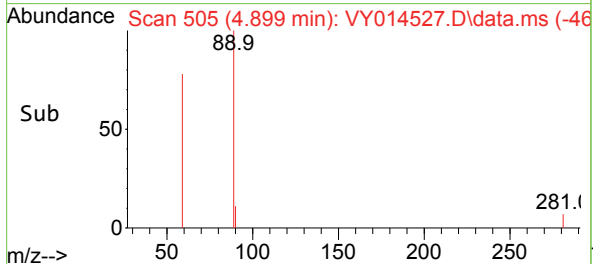
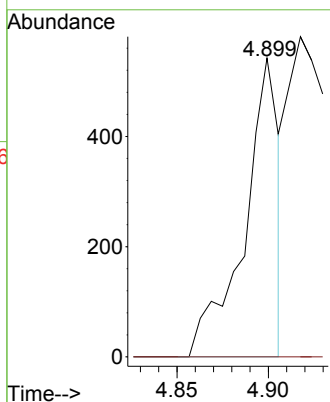
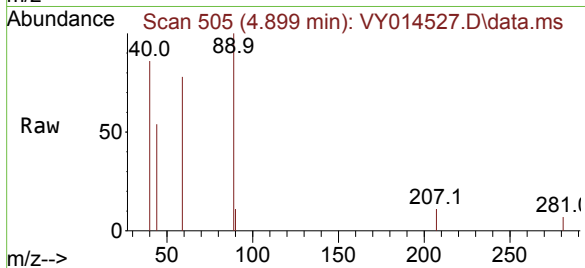
DOREMUS-COMP-1

Tgt Ion: 59 Resp: 715

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 2.520 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY014527.D

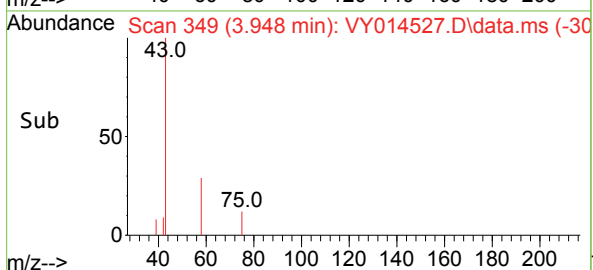
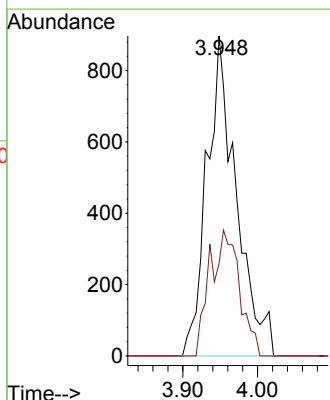
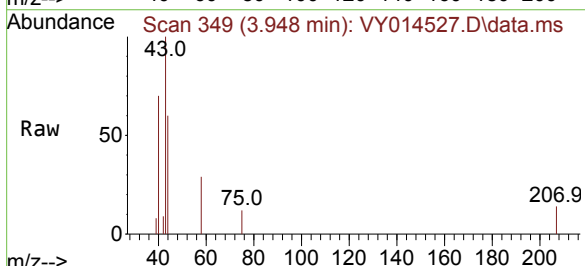
Acq: 30 Jun 2023 19:51

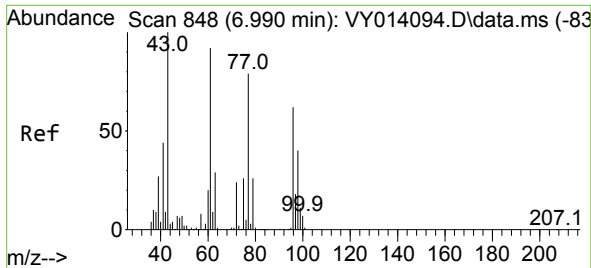
Tgt Ion: 43 Resp: 2455

Ion Ratio Lower Upper

43 100

58 28.8 22.7 34.1

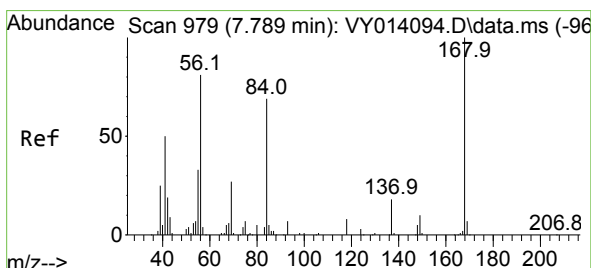
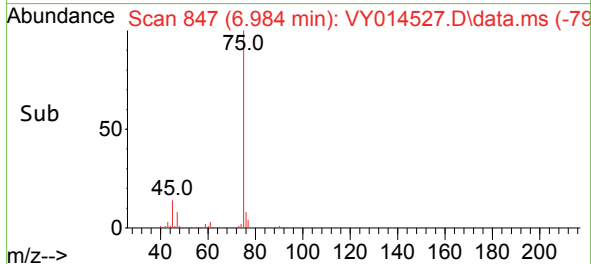
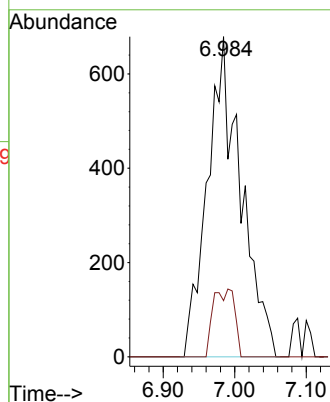
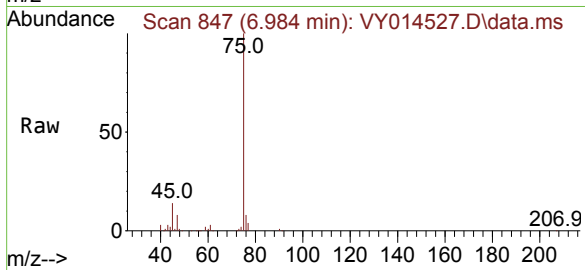




#25
2-Butanone
Concen: 1.530 ug/l
RT: 6.984 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51

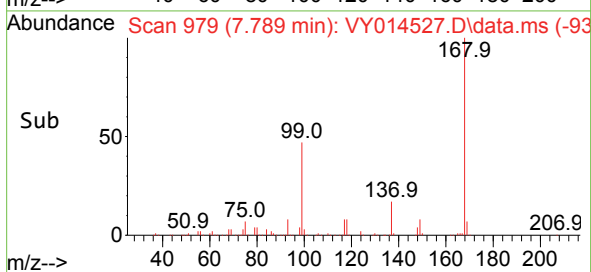
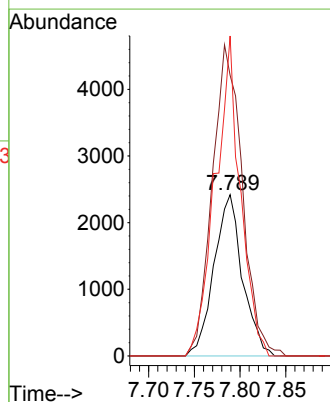
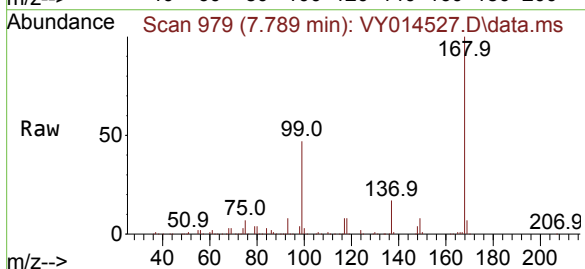
Instrument :
MSVOA_Y
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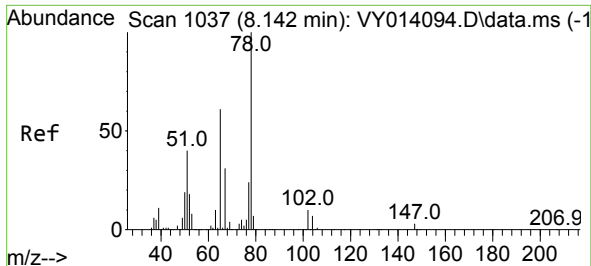
Tgt Ion: 43 Resp: 2207
Ion Ratio Lower Upper
43 100
72 17.5 20.5 30.7#



#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51

Tgt Ion: 56 Resp: 5242
Ion Ratio Lower Upper
56 100
69 174.1 27.8 41.6#
84 198.5 66.4 99.6#

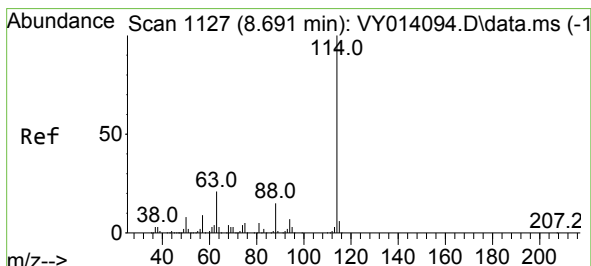
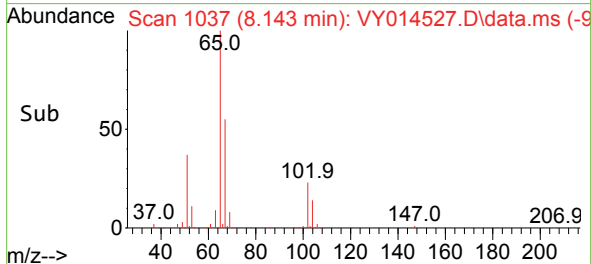
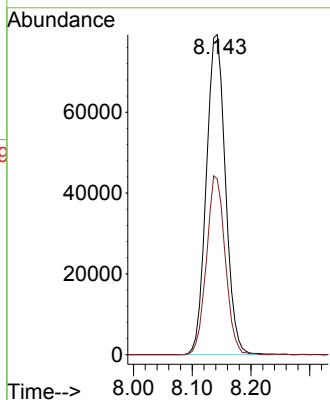
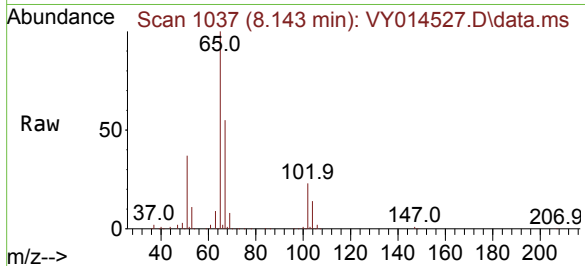




#33
 1,2-Dichloroethane-d4
 Concen: 57.430 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014527.D
 Acq: 30 Jun 2023 19:51

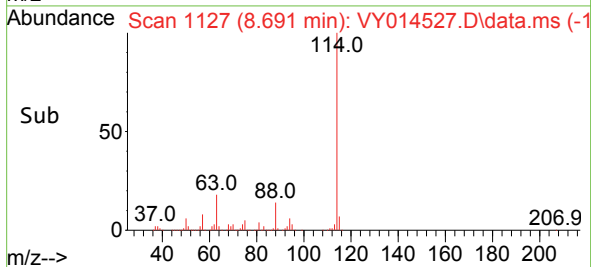
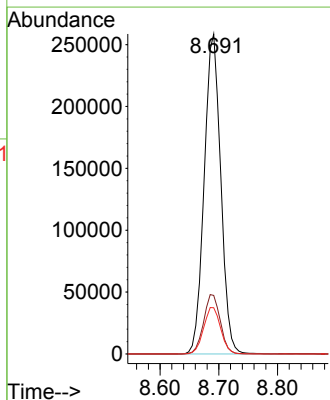
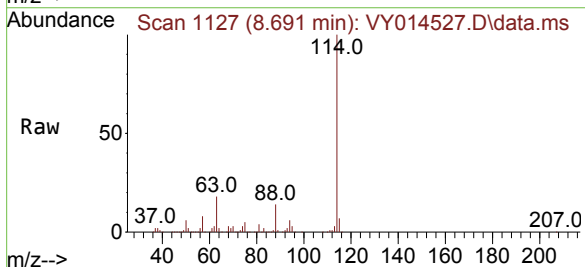
Instrument :
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 ClientSampleId :
 DOREMUS-COMP-1

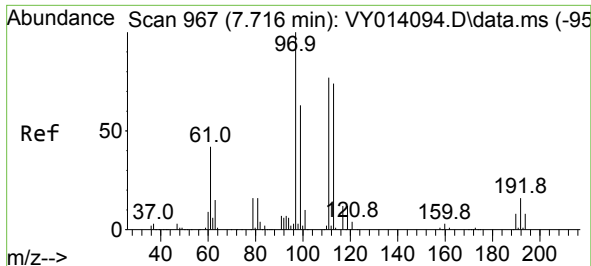
Tgt Ion: 65 Resp: 179183
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014527.D
 Acq: 30 Jun 2023 19:51

Tgt Ion: 114 Resp: 506477
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 42.4
 88 14.4 0.0 30.6

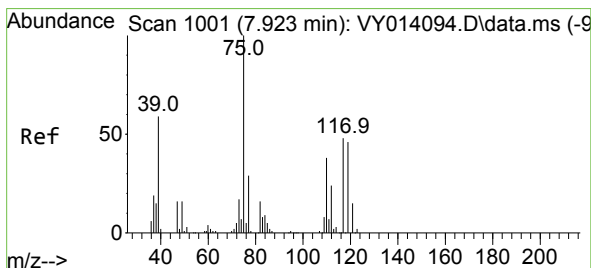
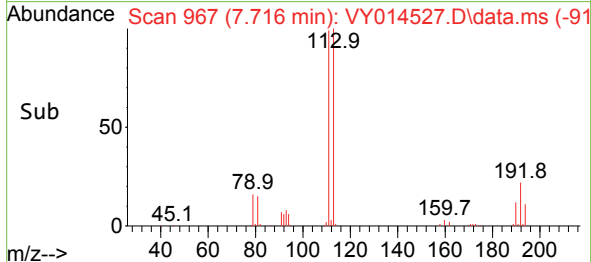
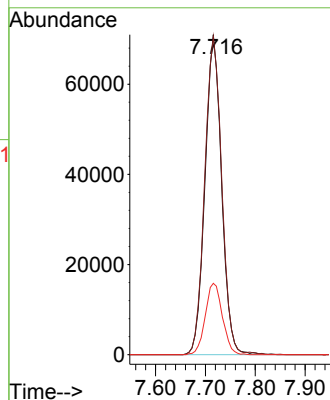
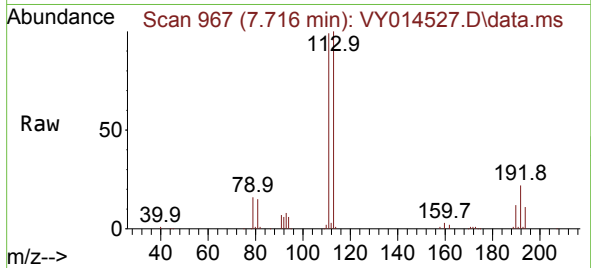




#35
Dibromofluoromethane
Concen: 52.600 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51

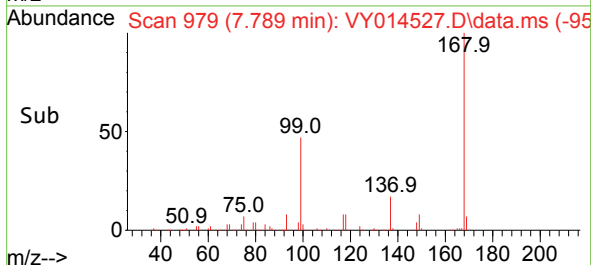
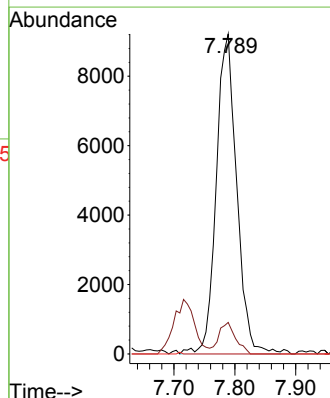
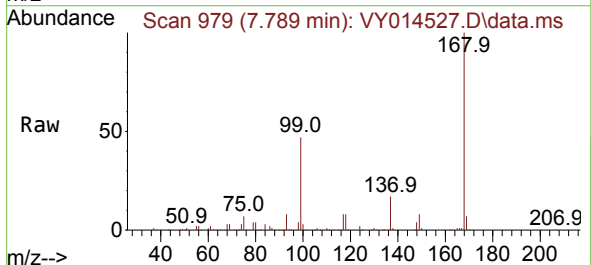
Instrument :
MSVOA_Y
ClientSampleId :
DOREMUS-COMP-1

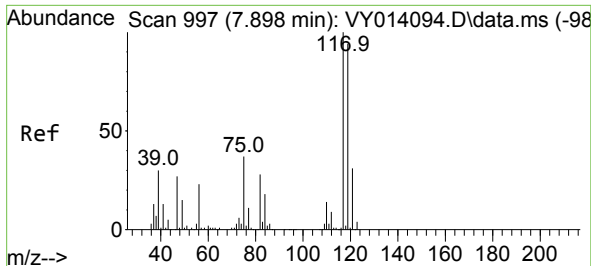
Tgt Ion:113 Resp: 164054
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 23.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51

Tgt Ion: 75 Resp: 21451
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.5#
77 0.0 24.4 36.6#

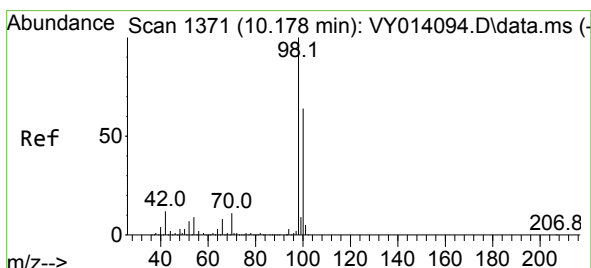
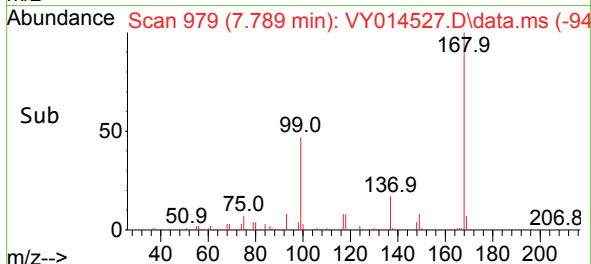
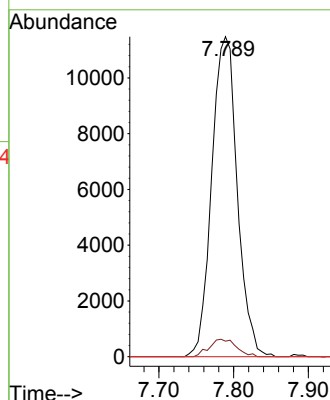
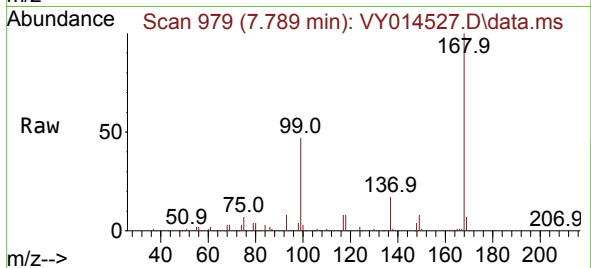




#38
Carbon Tetrachloride
Concen: 5.463 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51

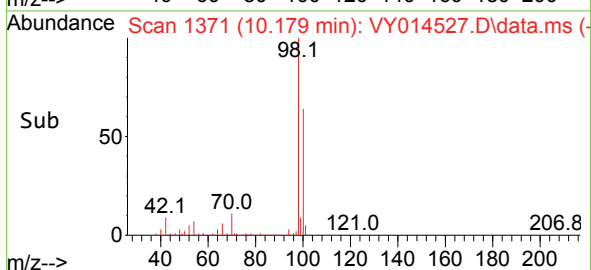
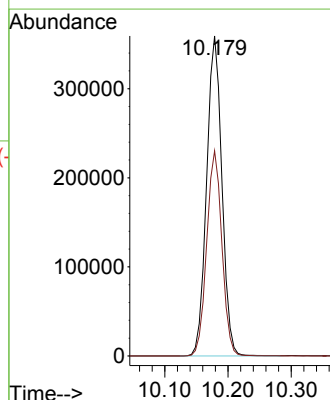
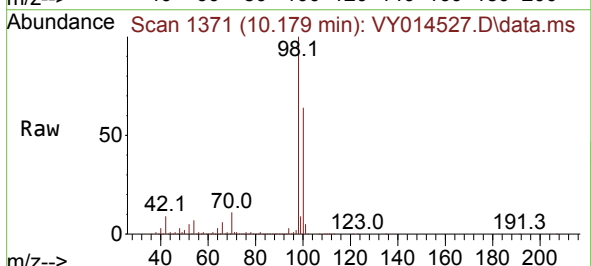
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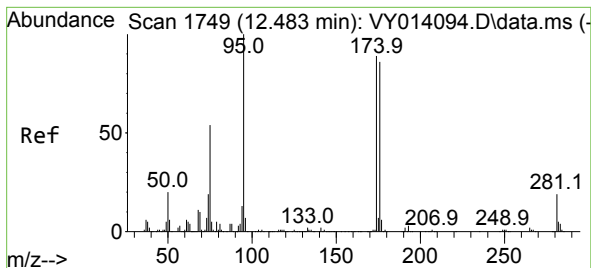
Tgt Ion:117 Resp: 27238
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.994 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51

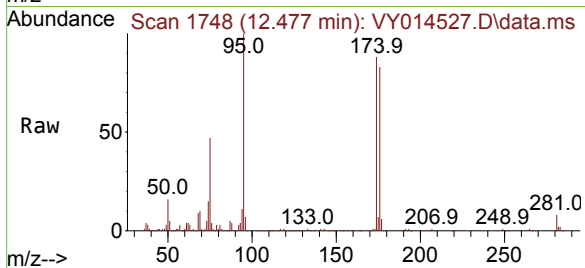
Tgt Ion: 98 Resp: 604069
Ion Ratio Lower Upper
98 100
100 63.7 50.1 75.1



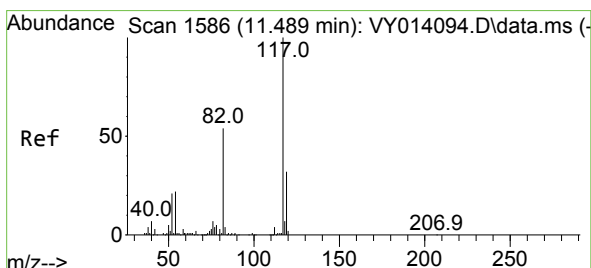
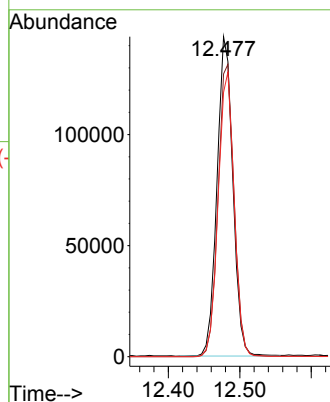
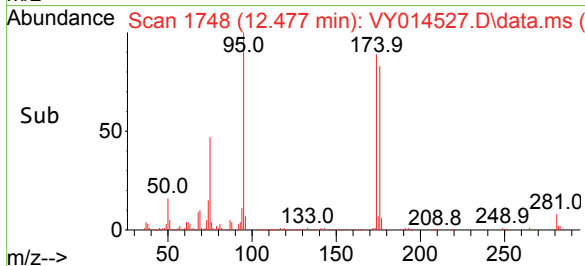


#62
4-Bromofluorobenzene
Concen: 51.661 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51

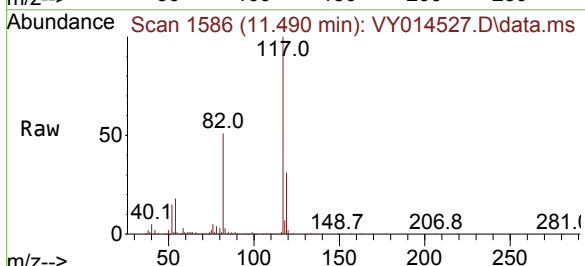
Instrument :
MSVOA_Y
ClientSampleId :
DOREMUS-COMP-1



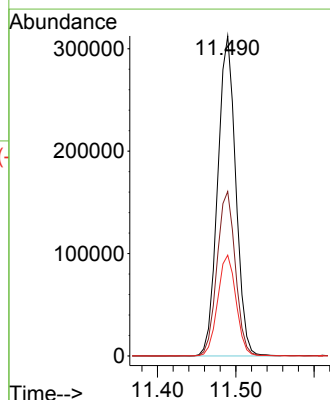
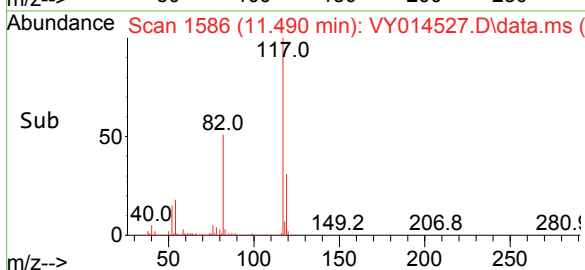
Tgt Ion: 95 Resp: 221174
Ion Ratio Lower Upper
95 100
174 93.0 0.0 178.2
176 89.9 0.0 173.8

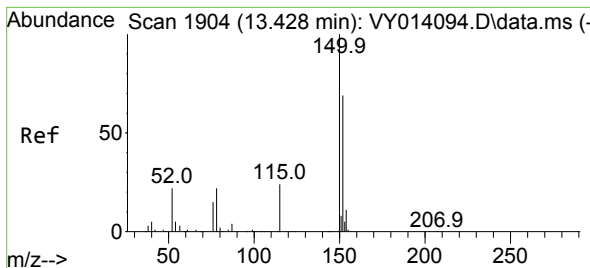


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51



Tgt Ion: 117 Resp: 501539
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 31.5 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: VY014527.D

Acq: 30 Jun 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

DOREMUS-COMP-1

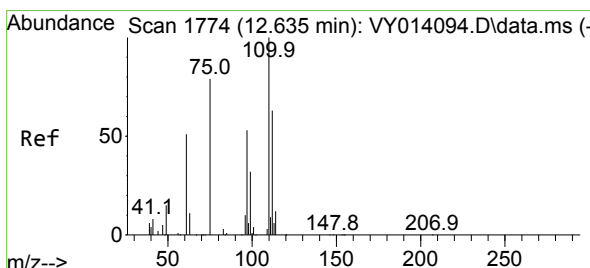
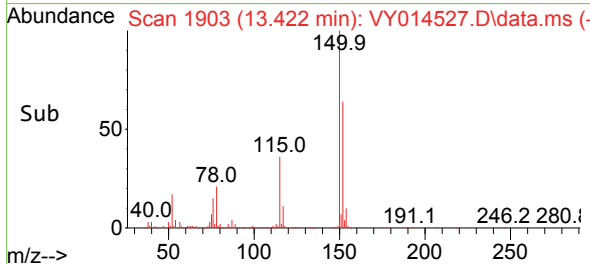
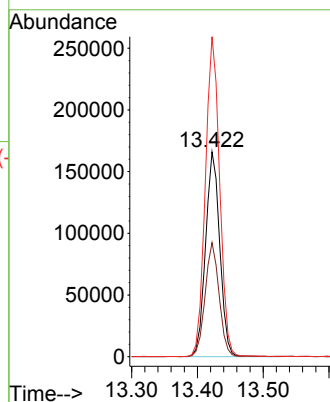
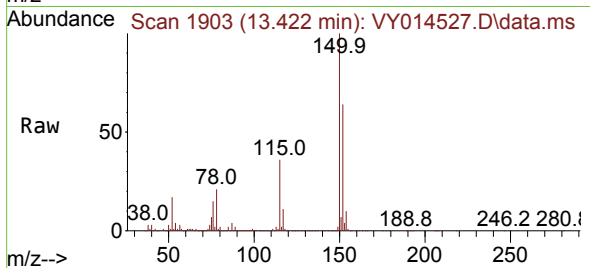
Tgt Ion:152 Resp: 249277

Ion Ratio Lower Upper

152 100

115 54.7 28.8 86.5

150 157.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 35.471 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014527.D

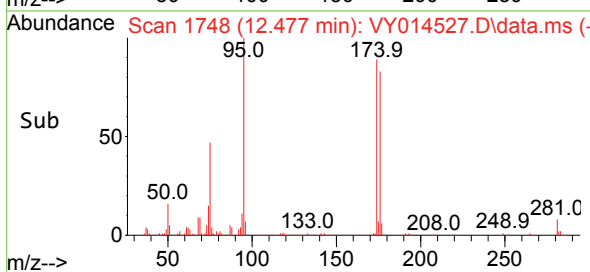
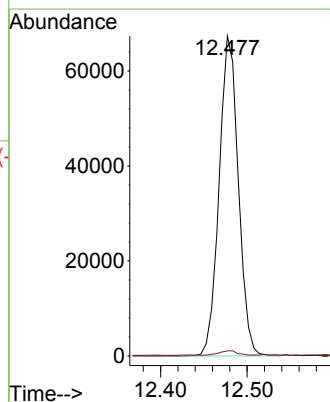
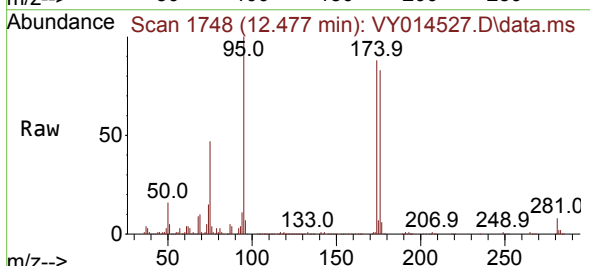
Acq: 30 Jun 2023 19:51

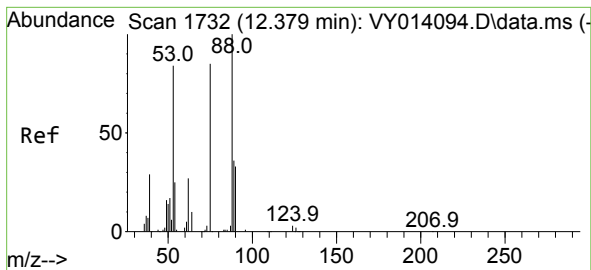
Tgt Ion: 75 Resp: 103759

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.041 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014527.D
 Acq: 30 Jun 2023 19:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOREMUS-COMP-1

Tgt Ion: 75 Resp: 103759
 Ion Ratio Lower Upper
 75 100
 53 0.5 77.8 116.8#
 89 0.0 37.4 56.0#

