

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)

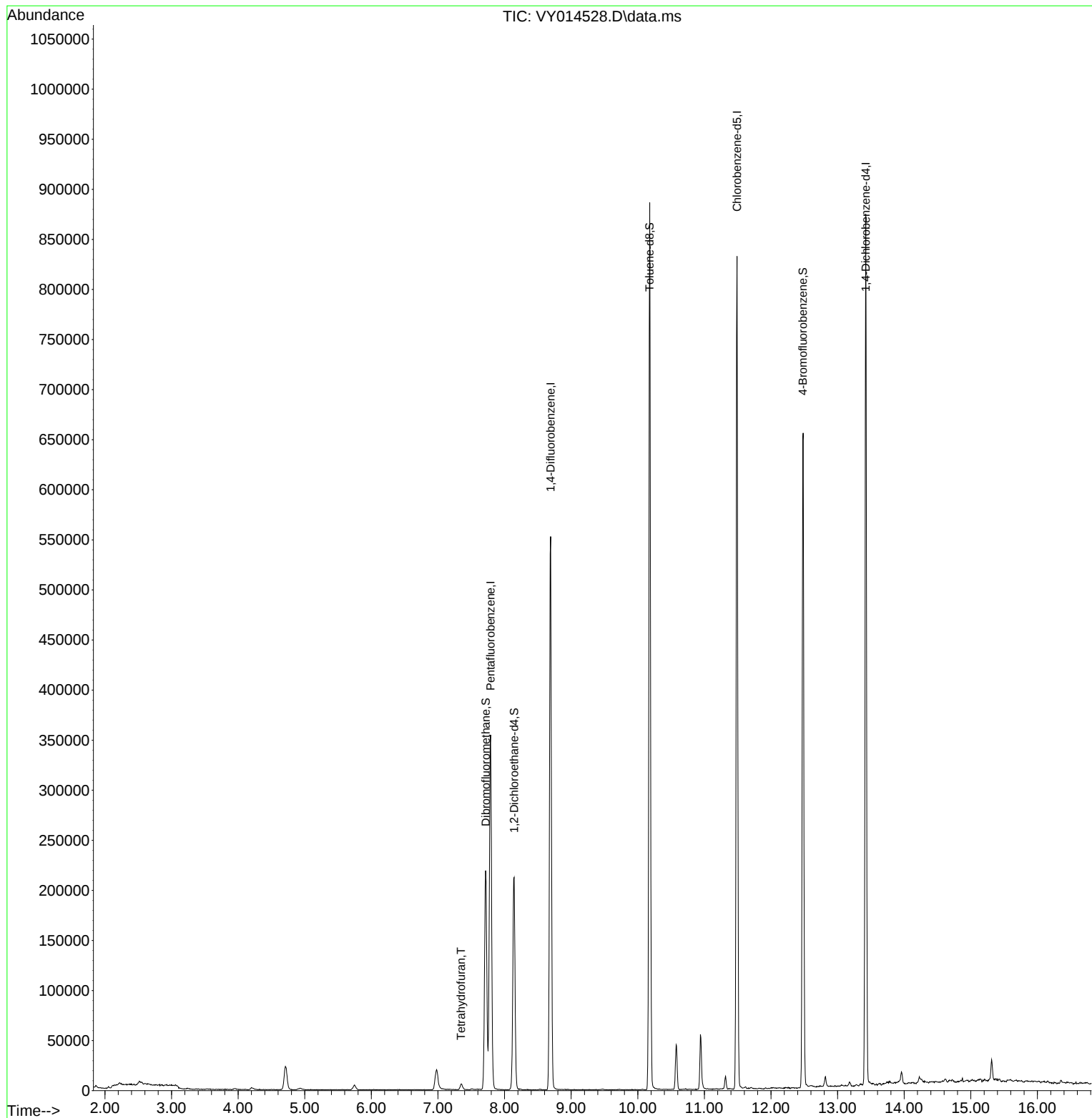
Internal Standards						
1) Pentafluorobenzene	7.789	168	307474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	496013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	479486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	235835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
29) Tetrahydrofuran	7.344	42	4092	4.485	ug/l	# 83

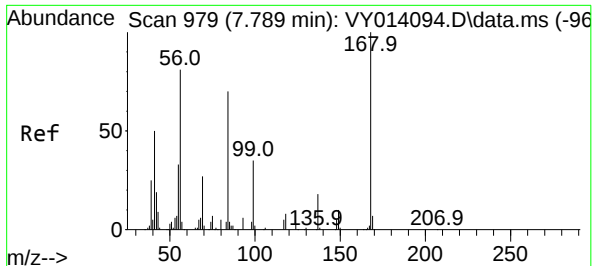
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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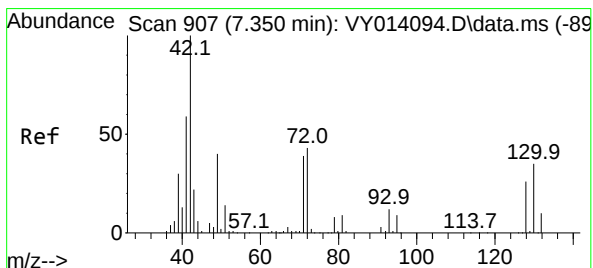
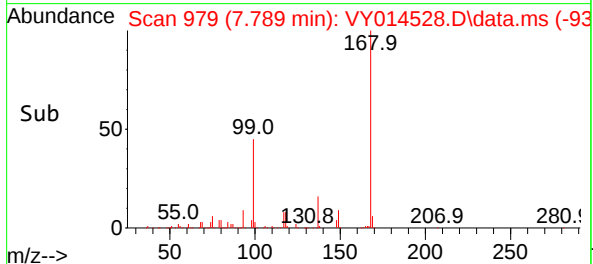
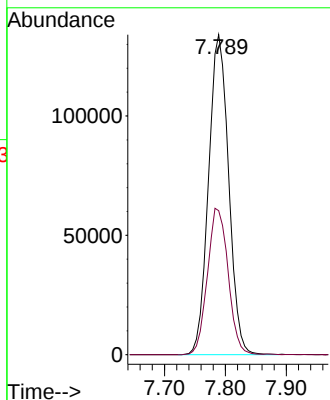
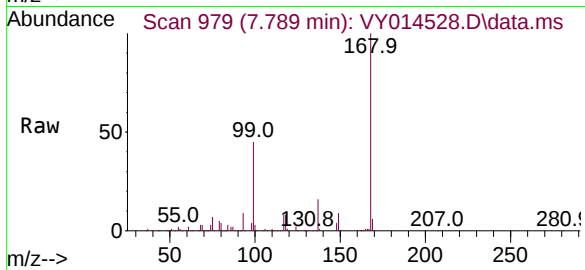




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

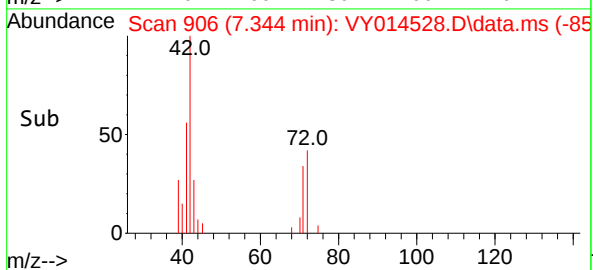
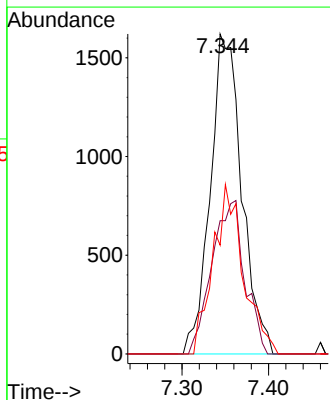
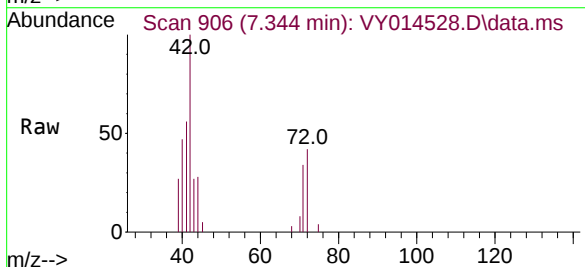
Instrument :
MSVOA_Y
ClientSampleId :
DOREMUS-COMP-2

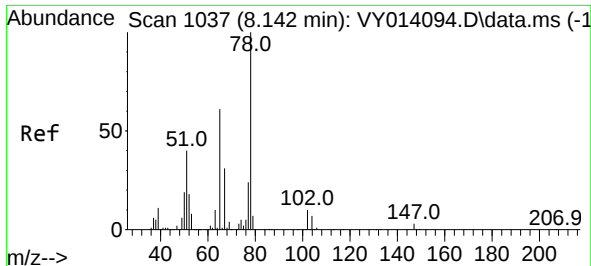
Tgt Ion:168 Resp: 307474
Ion Ratio Lower Upper
168 100
99 45.0 43.4 65.0



#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#



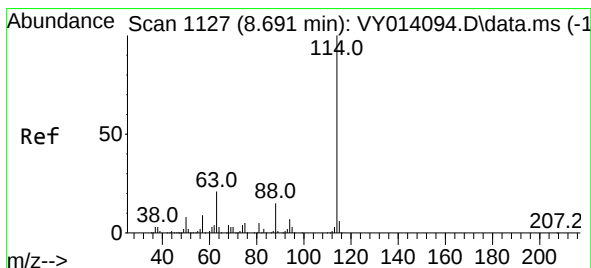
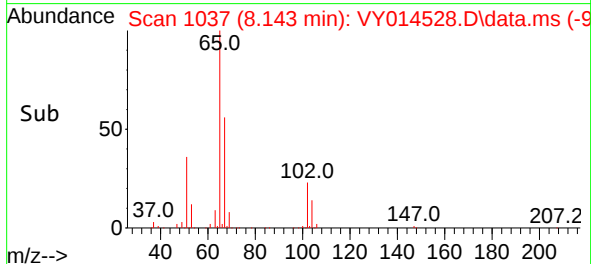
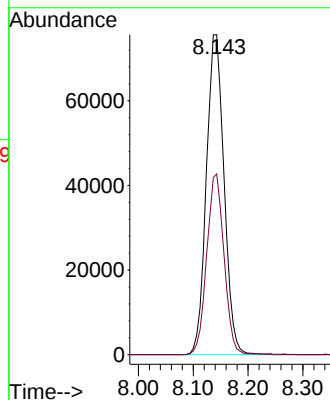
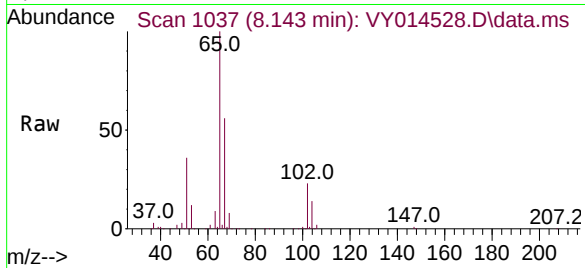


#33
 1,2-Dichloroethane-d4
 Concen: 55.361 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014528.D
 Acq: 30 Jun 2023 20:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOREMUS-COMP-2

Tgt Ion: 65 Resp: 169333

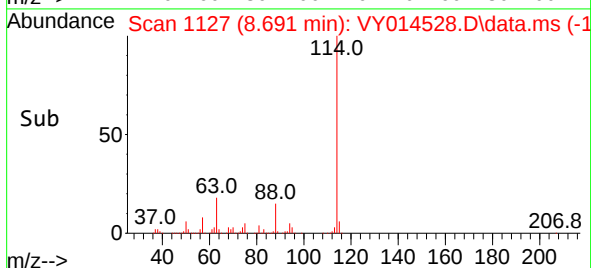
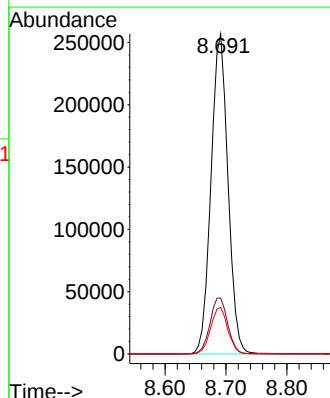
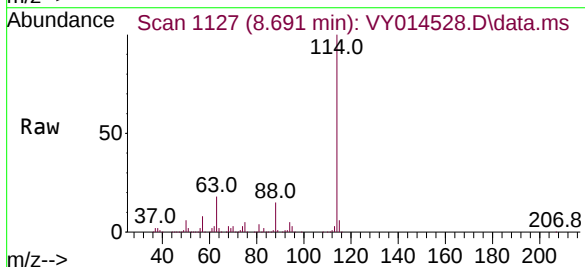
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	101.8

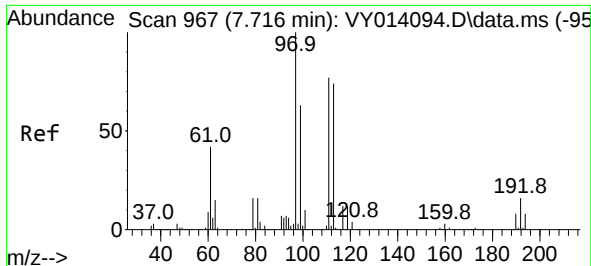


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014528.D
 Acq: 30 Jun 2023 20:14

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

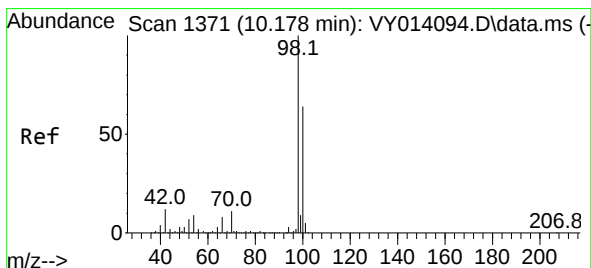
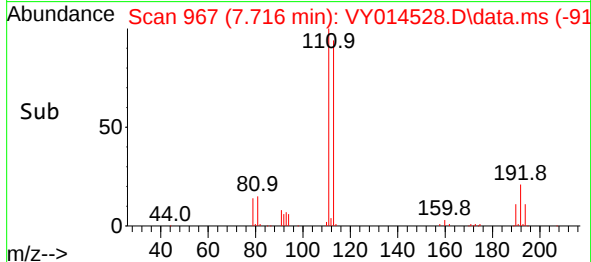
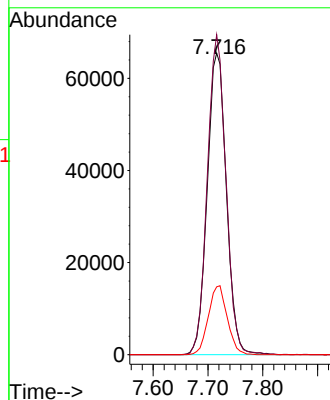
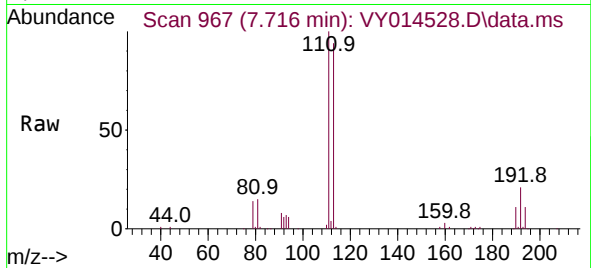




#35
Dibromofluoromethane
Concen: 52.065 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

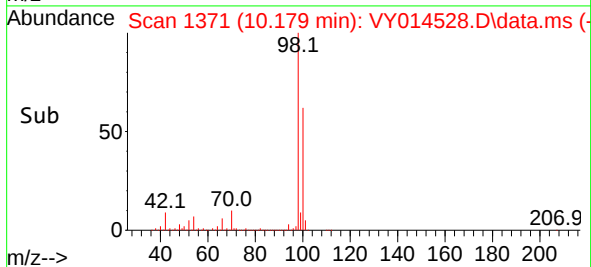
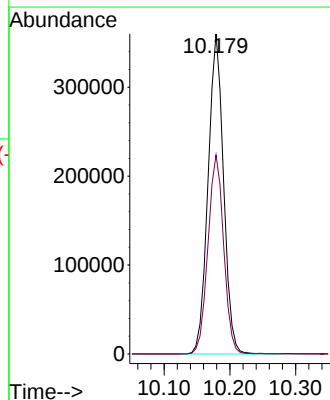
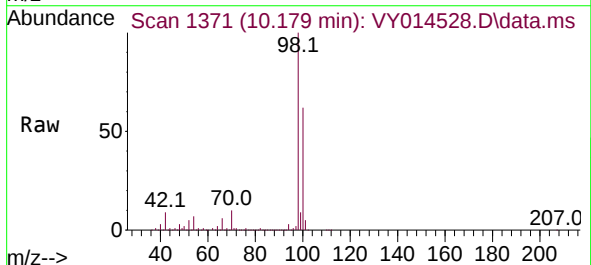
Instrument :
MSVOA_Y
ClientSampleId :
DOREMUS-COMP-2

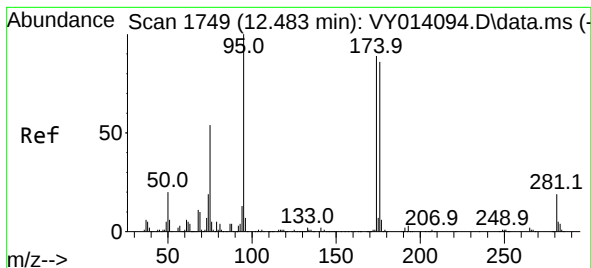
Tgt Ion:113 Resp: 159031
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 22.5 16.9 25.3



#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

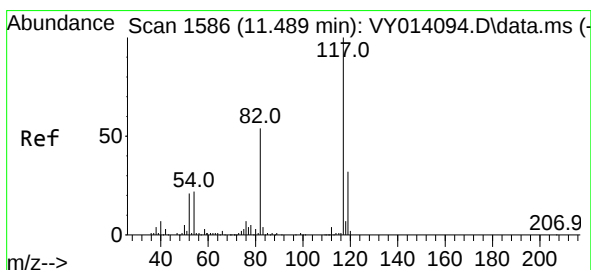
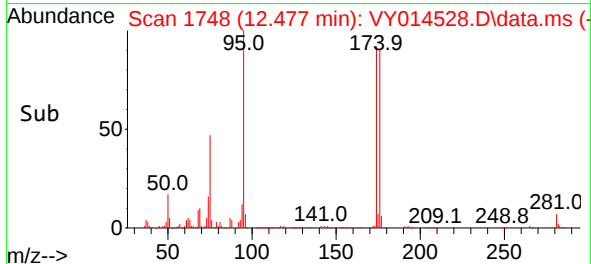
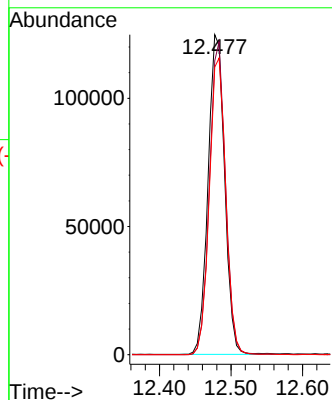
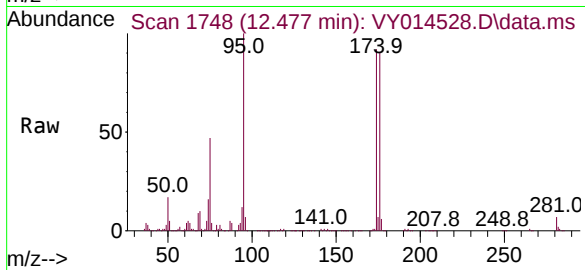




#62
4-Bromofluorobenzene
Concen: 47.990 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014528.D
Acq: 30 Jun 2023 20:14

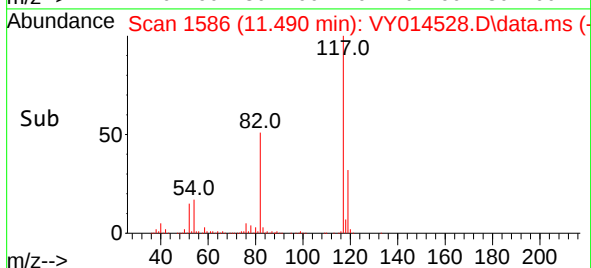
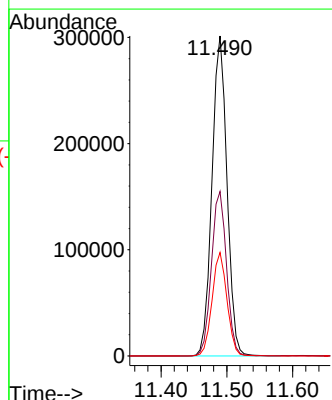
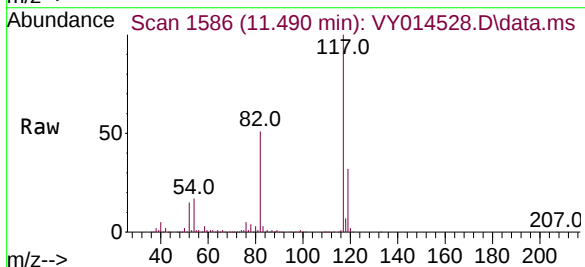
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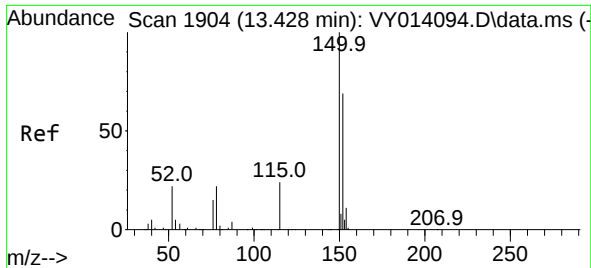
Tgt Ion: 95 Resp: 201213
Ion Ratio Lower Upper
95 100
174 94.5 0.0 178.2
176 92.1 0.0 173.8



#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# 1903
 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

