

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010866.D
 Acq On : 07 Oct 2022 13:00
 Operator : KP/MD
 Sample : N5004-20RE
 Misc : 6.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22012-18RE

Quant Time: Oct 08 04:46:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

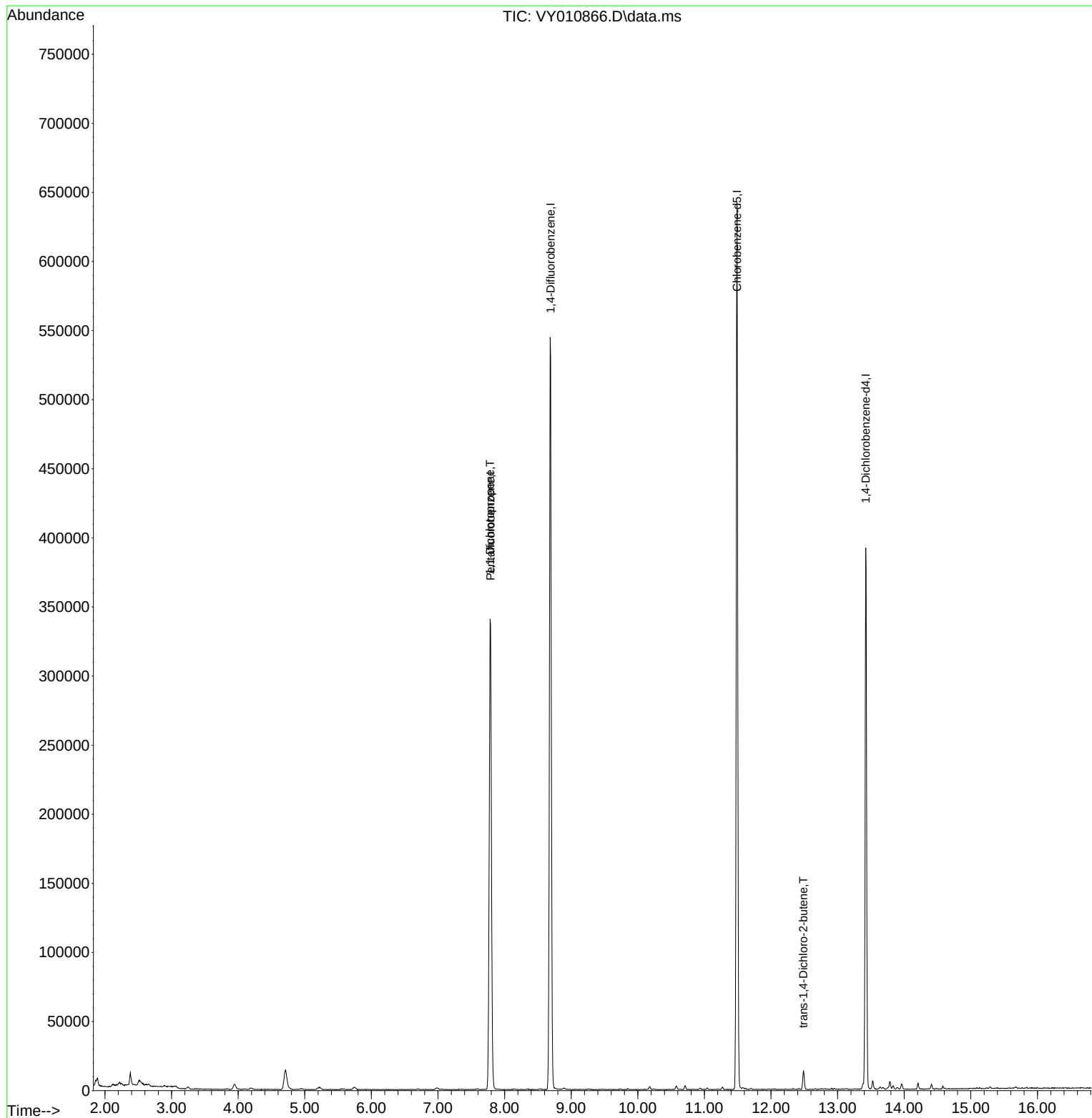
Internal Standards						
1) Pentafluorobenzene	7.789	168	265241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	459938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	339063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	101377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	389	0.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.280%#
35) Dibromofluoromethane	7.722	113	268m	0.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.180%#
50) Toluene-d8	10.179	98	1816	0.174	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	0.340%#
62) 4-Bromofluorobenzene	12.483	95	1290	-3.630	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	-7.260%#
Target Compounds						
					Qvalue	
36) 1,1-Dichloropropene	7.783	75	21072	4.781	ug/l #	50
81) trans-1,4-Dichloro-2-b...	12.483	75	755	1.536	ug/l #	7

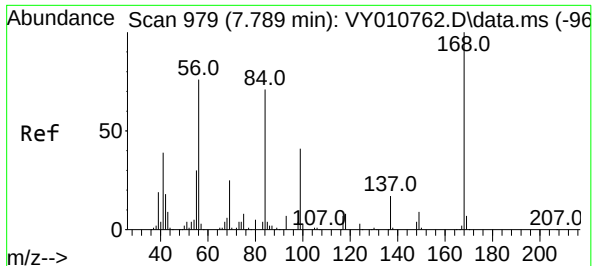
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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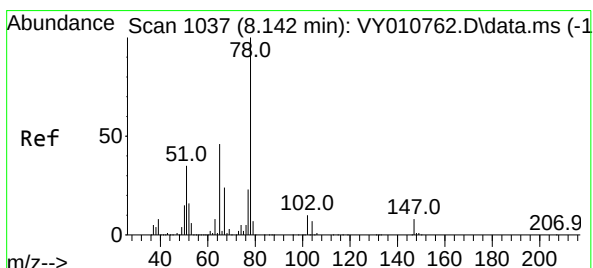
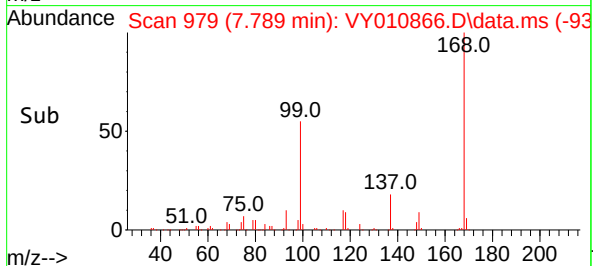
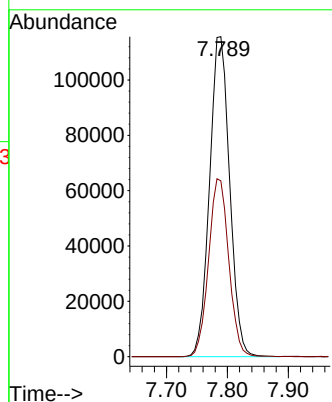
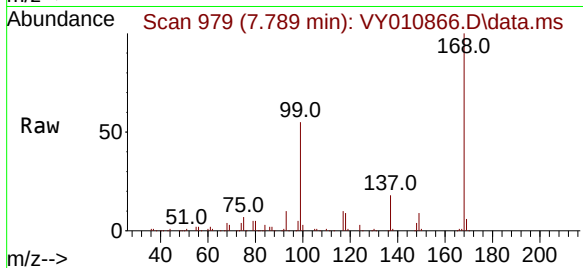




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010866.D
Acq: 07 Oct 2022 13:00

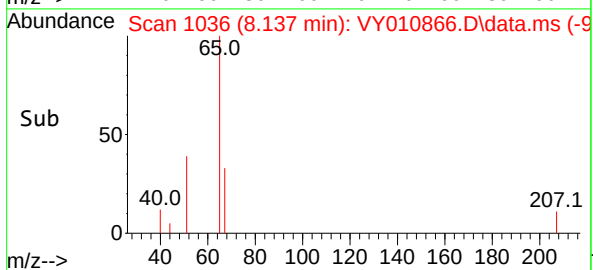
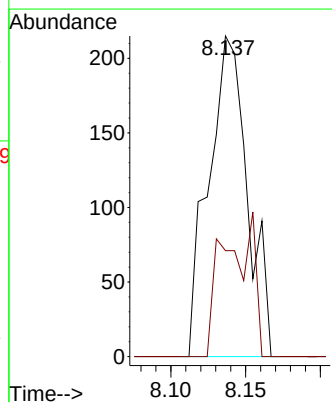
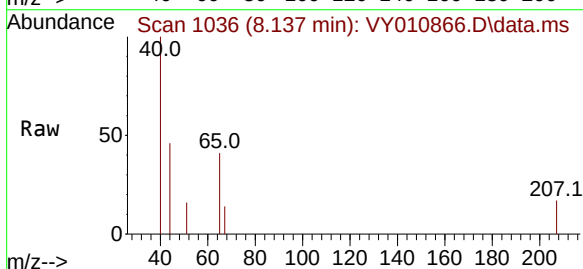
Instrument :
MSVOA_Y
ClientSampleId :
D22012-18RE

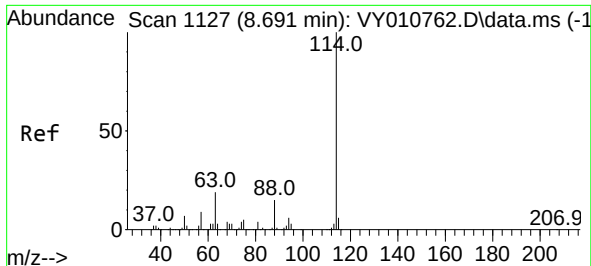
Tgt Ion:168 Resp: 265241
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 0.145 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010866.D
Acq: 07 Oct 2022 13:00

Tgt Ion: 65 Resp: 389
Ion Ratio Lower Upper
65 100
67 34.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010866.D

Acq: 07 Oct 2022 13:00

Instrument :

MSVOA_Y

ClientSampleId :

D22012-18RE

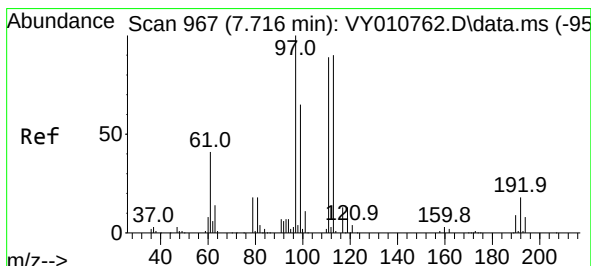
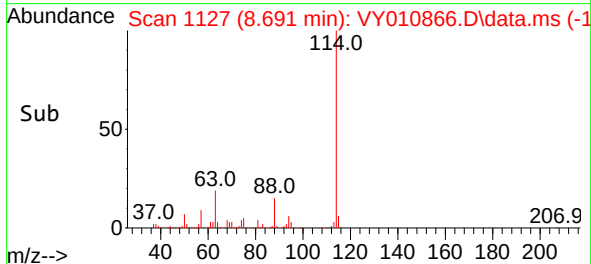
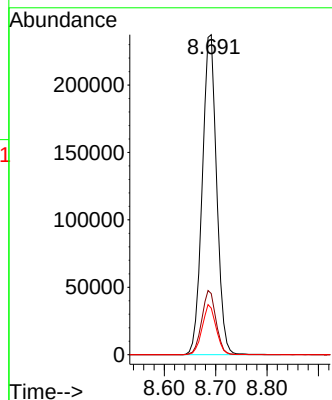
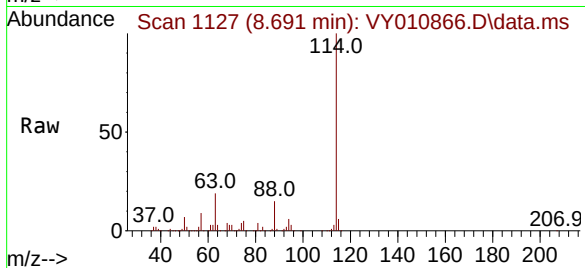
Tgt Ion:114 Resp: 459938

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 0.088 ug/l m

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY010866.D

Acq: 07 Oct 2022 13:00

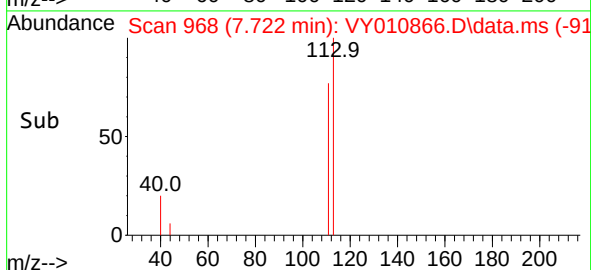
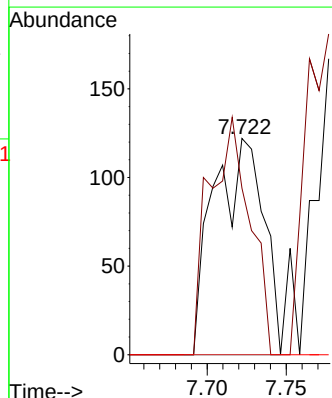
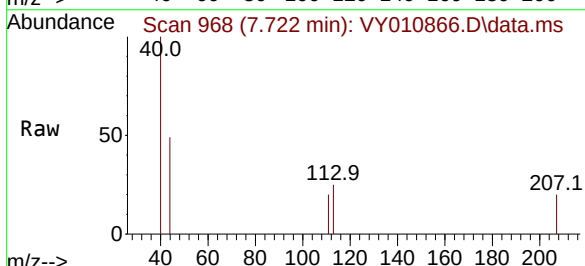
Tgt Ion:113 Resp: 268

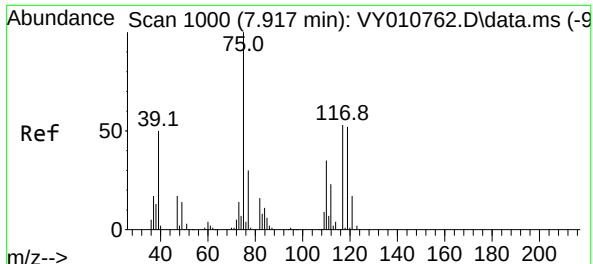
Ion Ratio Lower Upper

113 100

111 89.2 82.6 124.0

192 0.0 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 4.781 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010866.D

Acq: 07 Oct 2022 13:00

Instrument :

MSVOA_Y

ClientSampleId :

D22012-18RE

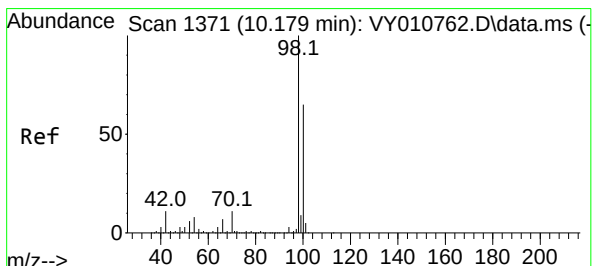
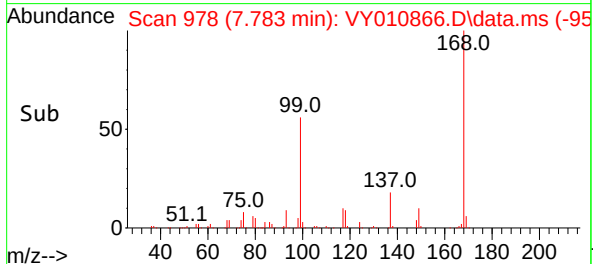
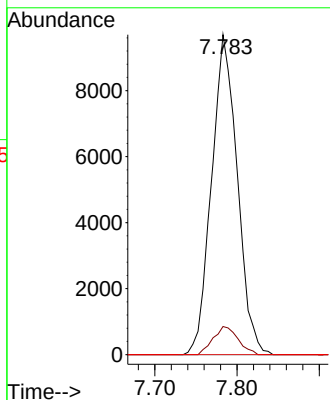
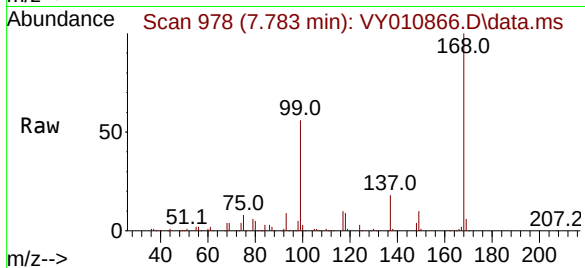
Tgt Ion: 75 Resp: 21072

Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.2#

77 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 0.174 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010866.D

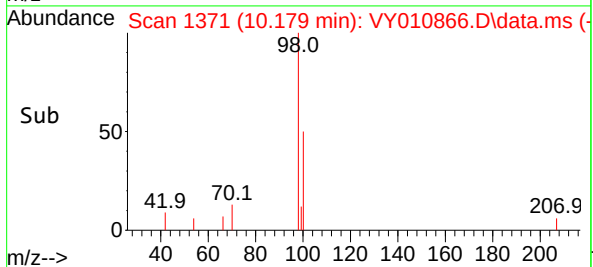
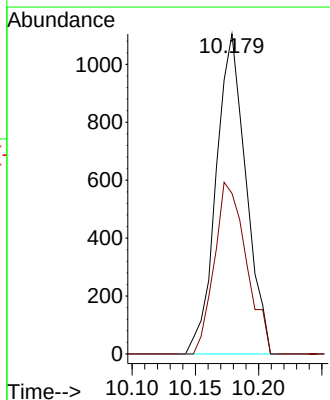
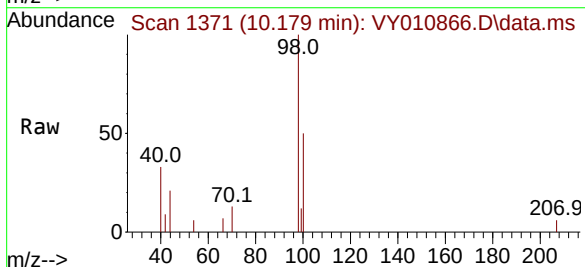
Acq: 07 Oct 2022 13:00

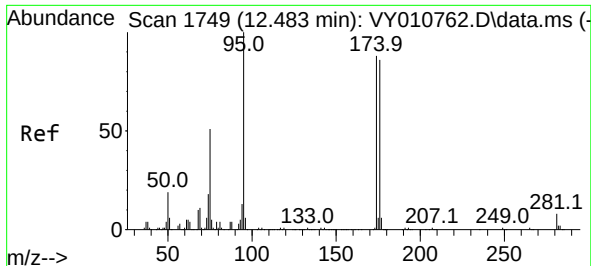
Tgt Ion: 98 Resp: 1816

Ion Ratio Lower Upper

98 100

100 57.3 50.2 75.2

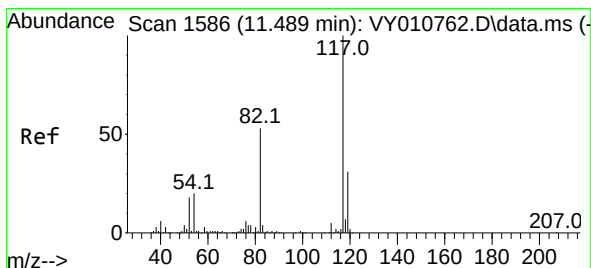
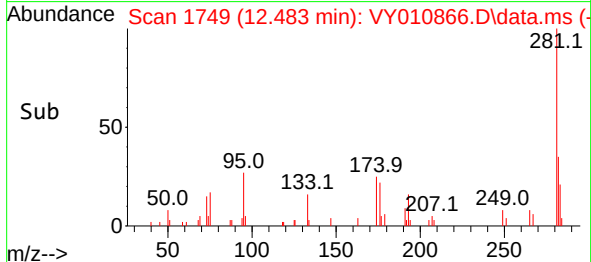
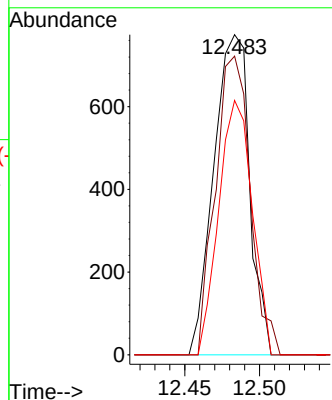
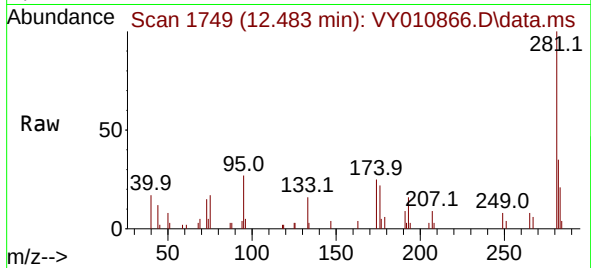




#62
4-Bromofluorobenzene
Concen: -3.630 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010866.D
Acq: 07 Oct 2022 13:00

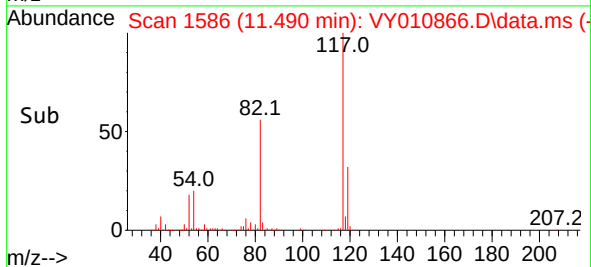
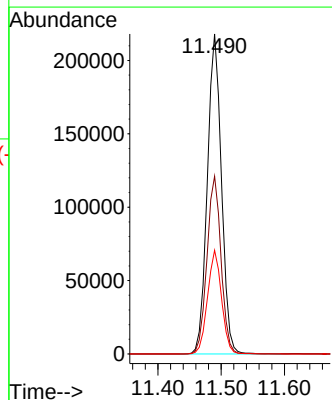
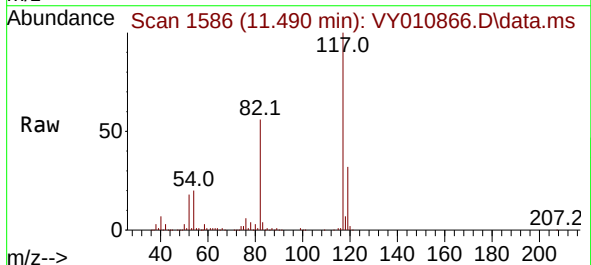
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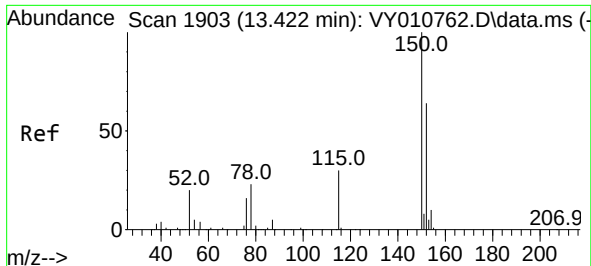
Tgt Ion: 95 Resp: 1290
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 74.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010866.D
Acq: 07 Oct 2022 13:00

Tgt Ion: 117 Resp: 339063
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 32.4 25.4 38.0

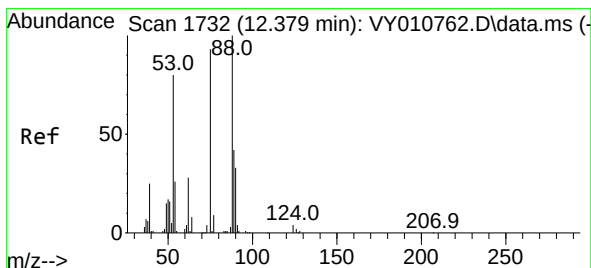
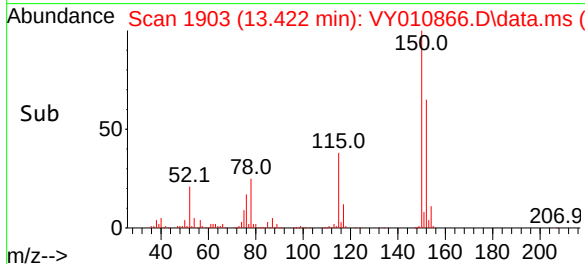
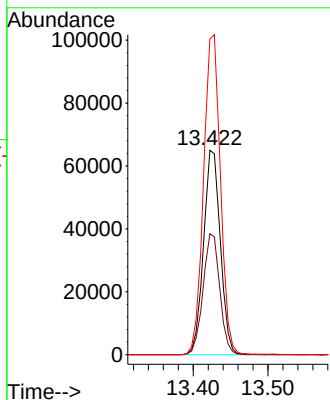
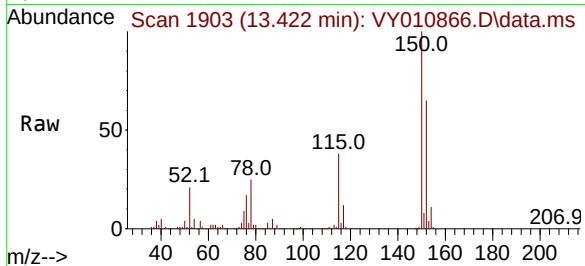




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010866.D
 Acq: 07 Oct 2022 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22012-18RE

Tgt Ion:152 Resp: 101377
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.2 84.7
 150 157.4 0.0 347.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.536 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY010866.D
 Acq: 07 Oct 2022 13:00

Tgt Ion: 75 Resp: 755
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

