

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010854.D
 Acq On : 06 Oct 2022 18:46
 Operator : KP/MD
 Sample : N5004-10RE
 Misc : 6.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22008-18RE

Quant Time: Oct 07 02:31:15 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)

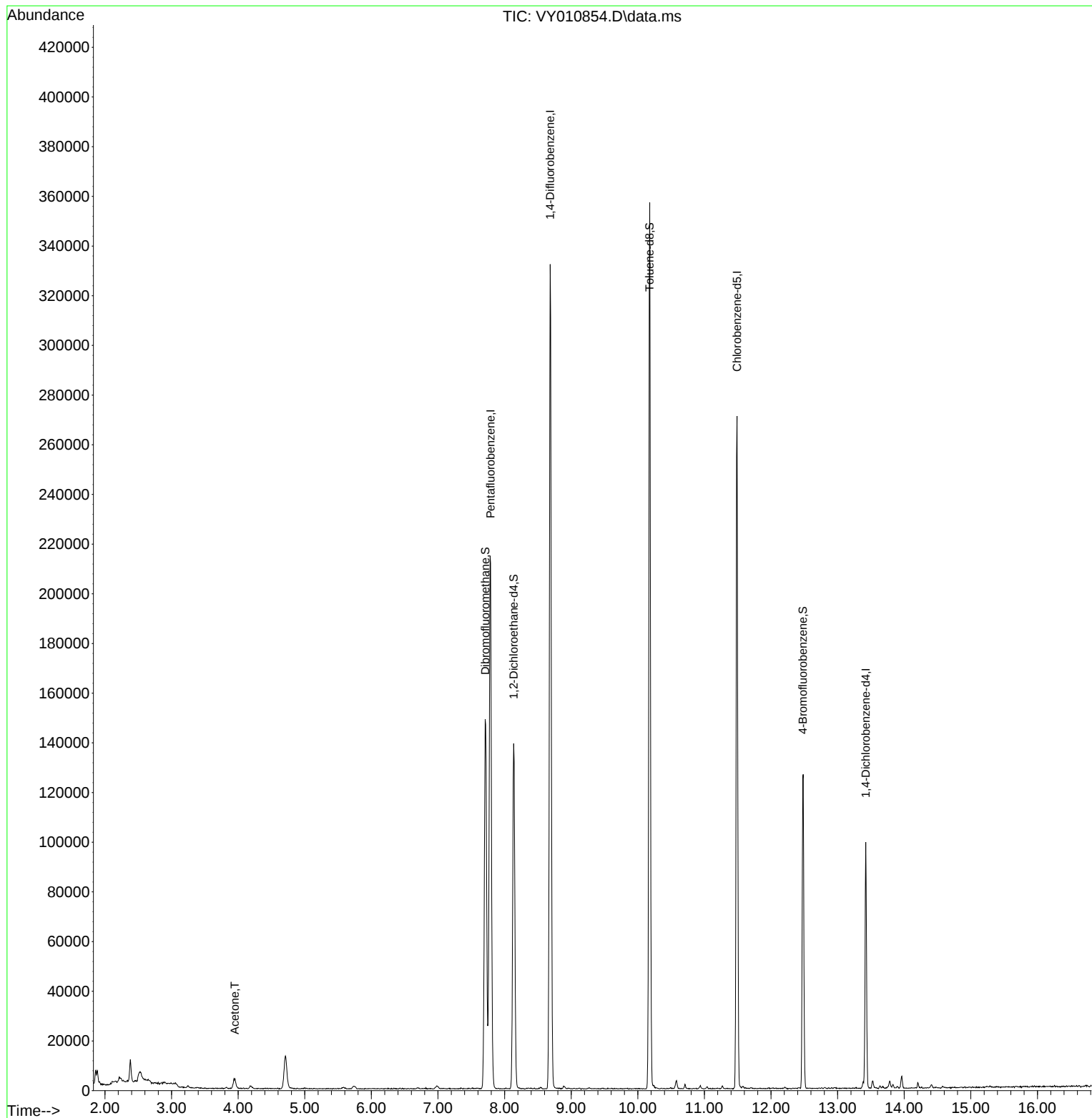
Internal Standards						
1) Pentafluorobenzene	7.789	168	168869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	108225	63.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.460%
35) Dibromofluoromethane	7.710	113	109282	58.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.200%
50) Toluene-d8	10.179	98	231468	35.982	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	71.960%
62) 4-Bromofluorobenzene	12.477	95	37257	12.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	24.060%#
Target Compounds						
16) Acetone	3.948	43	7235	16.643	ug/l	Qvalue 92

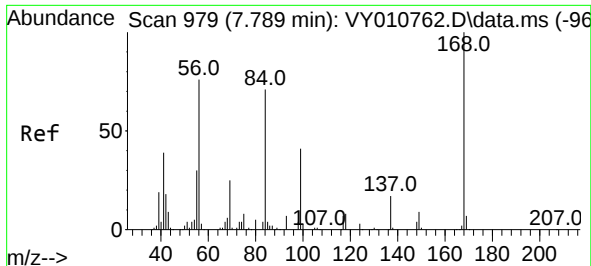
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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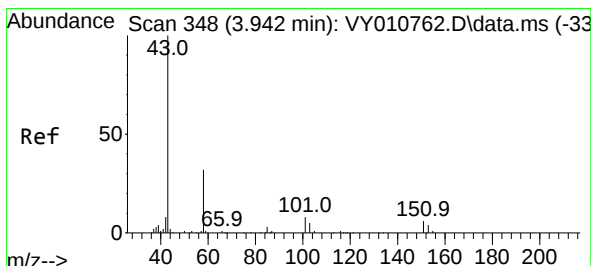
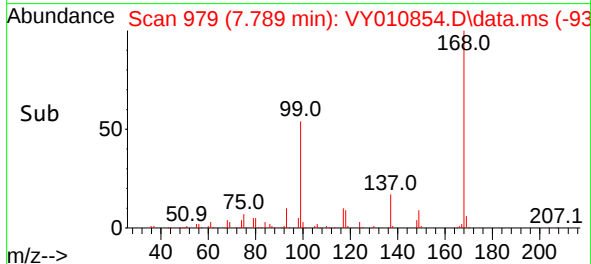
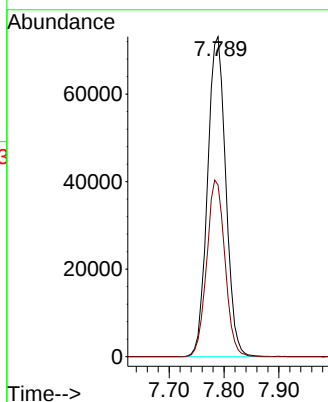
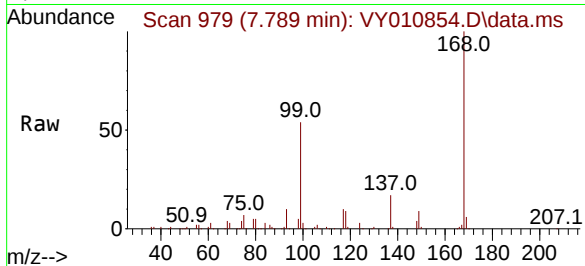




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

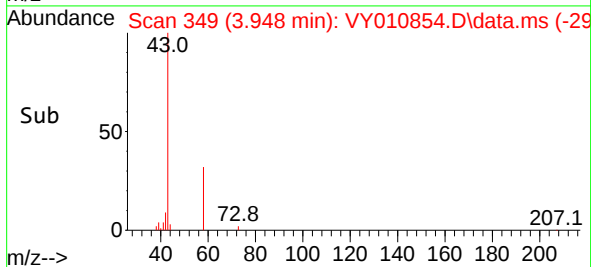
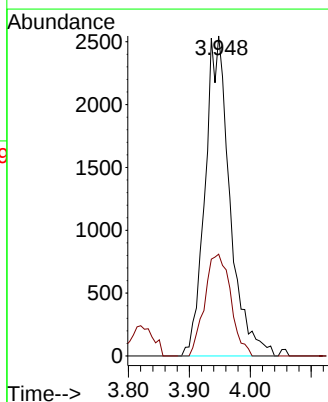
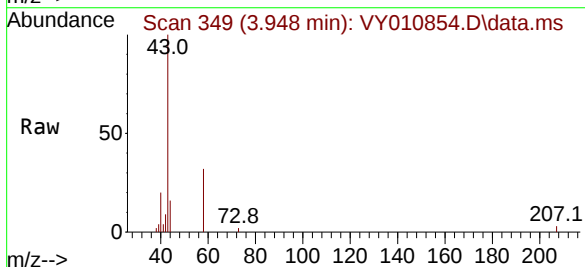
Instrument :
MSVOA_Y
ClientSampleId :
D22008-18RE

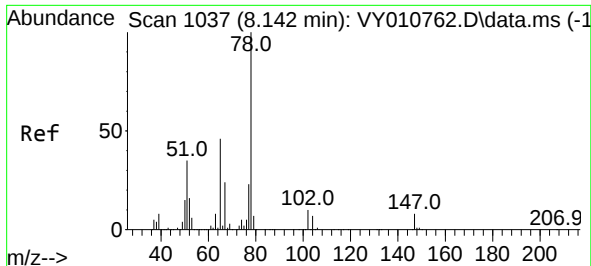
Tgt Ion:168 Resp: 168869
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 16.643 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

Tgt Ion: 43 Resp: 7235
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 63.227 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.005 min

Lab File: VY010854.D

Acq: 06 Oct 2022 18:46

Instrument :

MSVOA_Y

ClientSampleId :

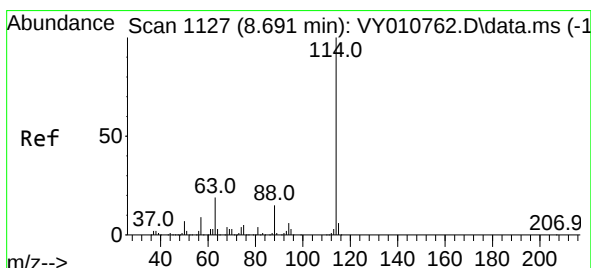
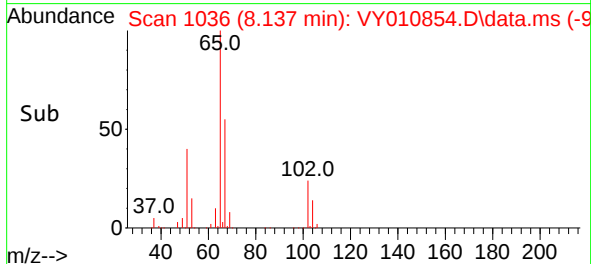
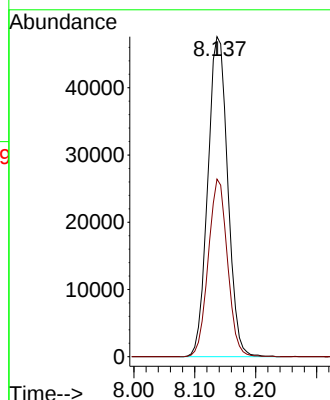
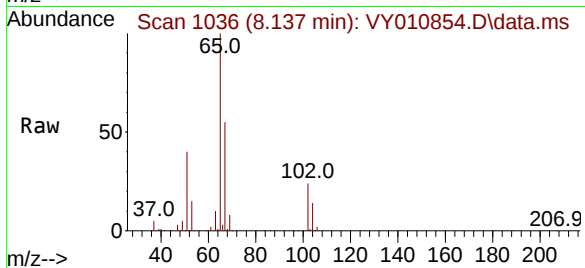
D22008-18RE

Tgt Ion: 65 Resp: 108225

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010854.D

Acq: 06 Oct 2022 18:46

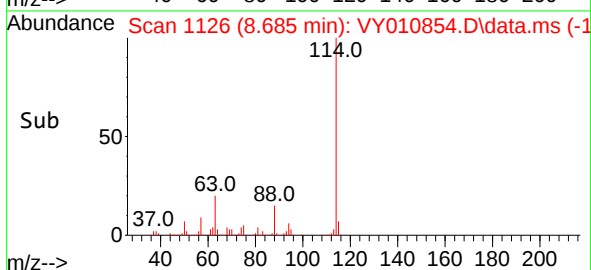
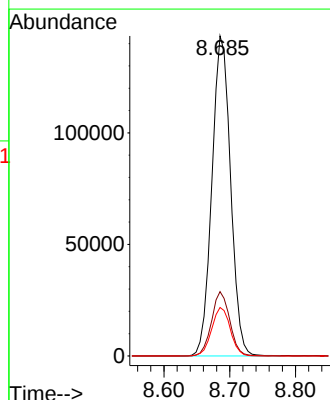
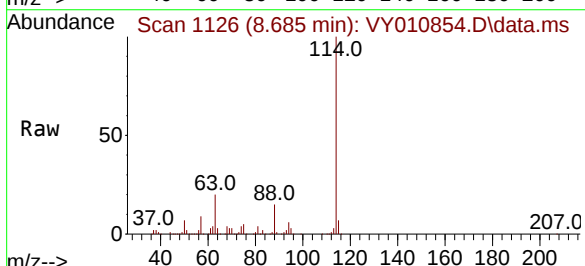
Tgt Ion: 114 Resp: 283369

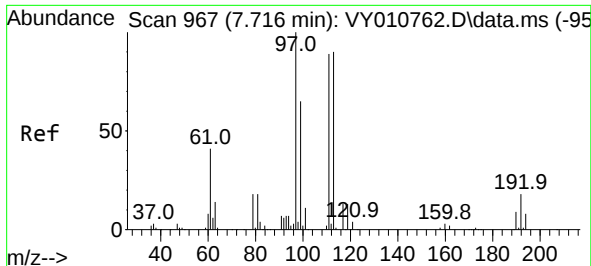
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.1 0.0 31.8

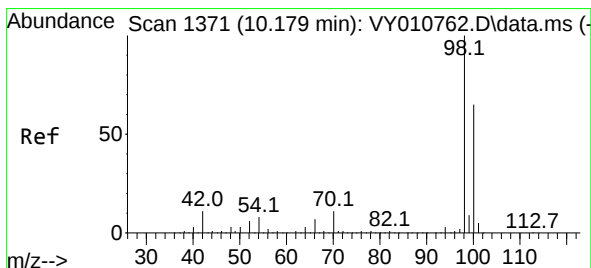
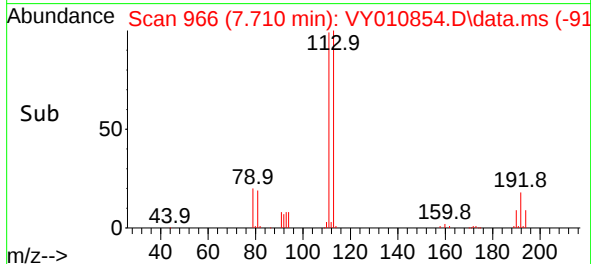
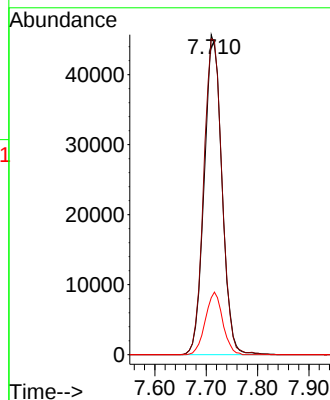
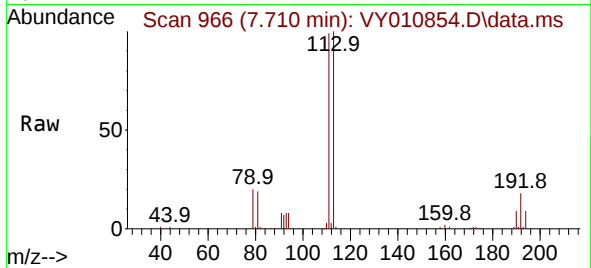




#35
Dibromofluoromethane
Concen: 58.097 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

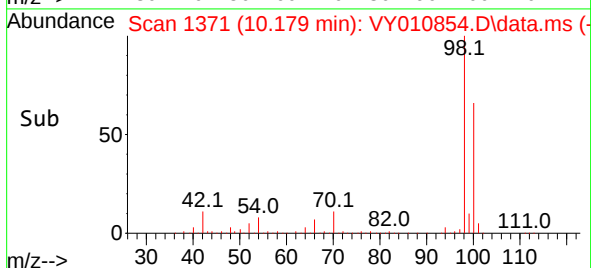
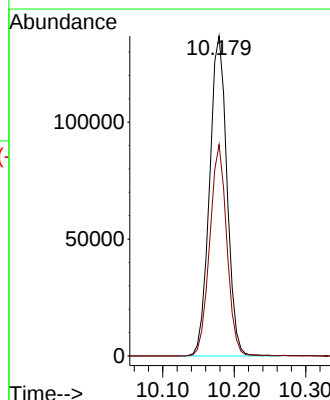
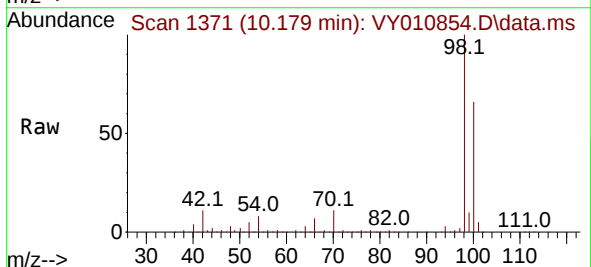
Instrument :
MSVOA_Y
ClientSampleId :
D22008-18RE

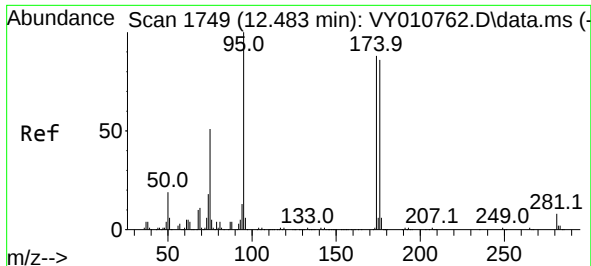
Tgt Ion:113 Resp: 109282
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 35.982 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

Tgt Ion: 98 Resp: 231468
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

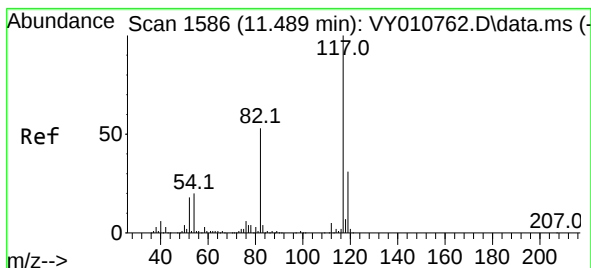
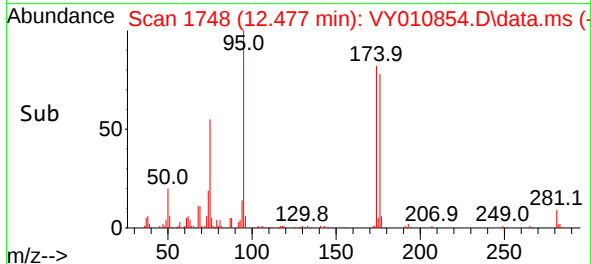
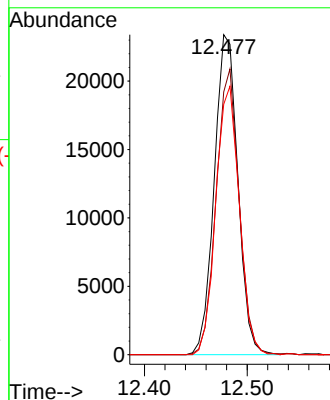
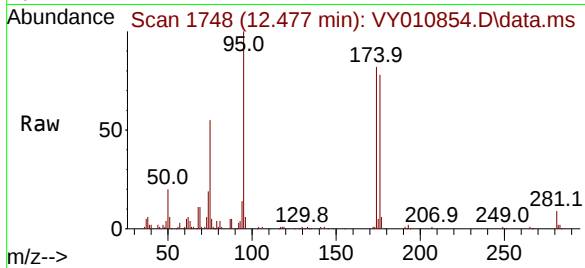




#62
4-Bromofluorobenzene
Concen: 12.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

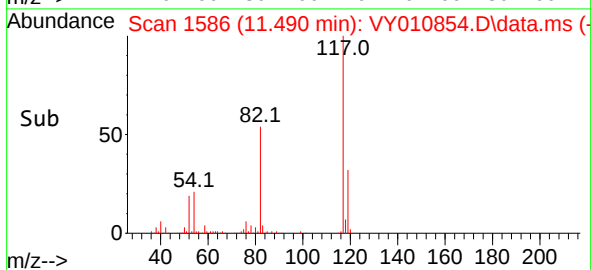
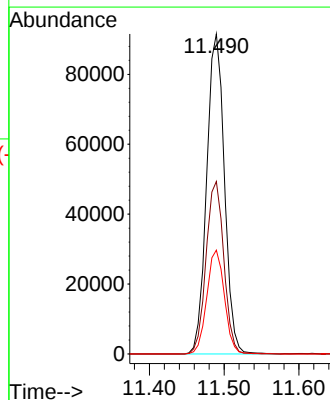
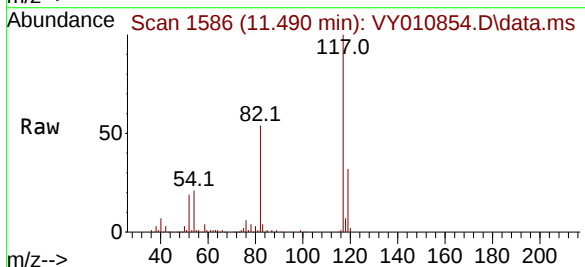
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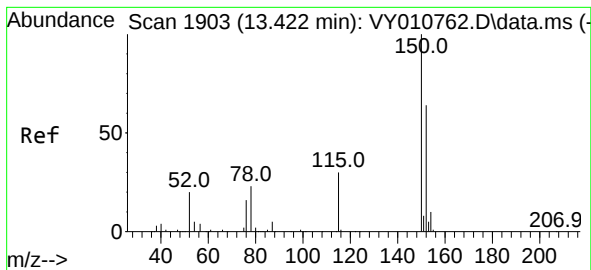
Tgt Ion: 95 Resp: 37257
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

Tgt Ion: 117 Resp: 151083
Ion Ratio Lower Upper
117 100
82 53.9 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: VY010854.D

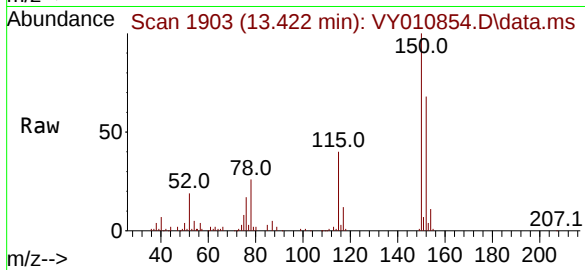
Acq: 06 Oct 2022 18:46

Instrument :

MSVOA_Y

ClientSampleId :

D22008-18RE



Tgt Ion:152 Resp: 25381

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 154.7 0.0 347.6

