

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010400.D
 Acq On : 08 Sep 2022 16:58
 Operator : KP/MD
 Sample : N4500-11
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-10.5-11.0

Quant Time: Sep 09 06:26:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

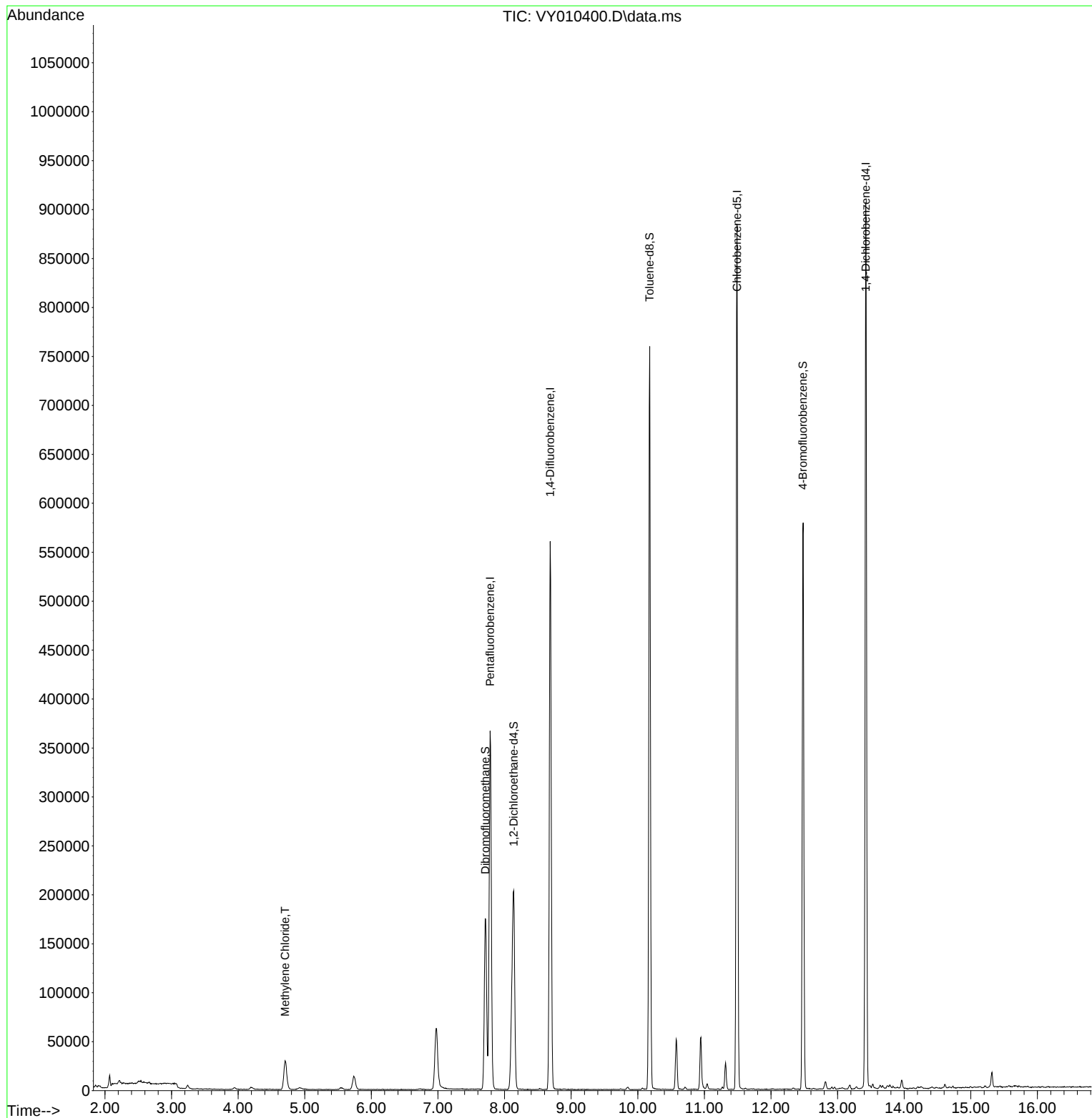
Internal Standards						
1) Pentafluorobenzene	7.783	168	296258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	505177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	491161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	241245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	129531	42.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.280%
35) Dibromofluoromethane	7.710	113	127556	37.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.860%
50) Toluene-d8	10.179	98	496453	44.092	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.180%
62) 4-Bromofluorobenzene	12.477	95	174187	36.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.980%
Target Compounds						
20) Methylene Chloride	4.704	84	23294	6.356	ug/l	Qvalue # 81

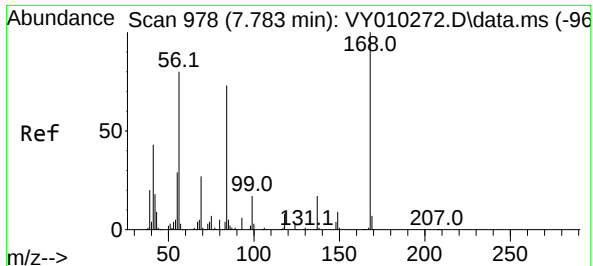
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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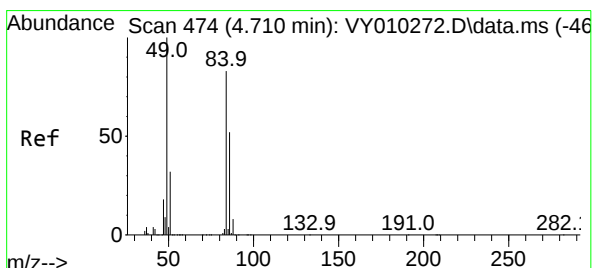
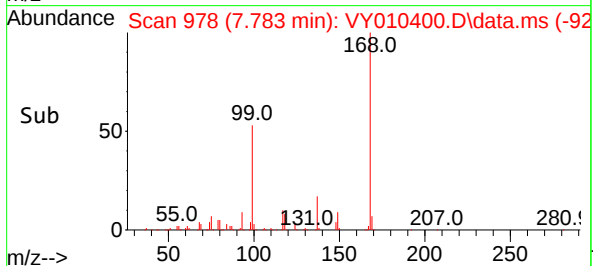
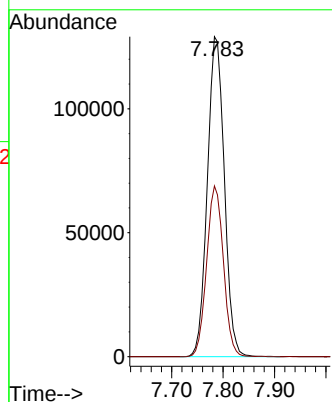
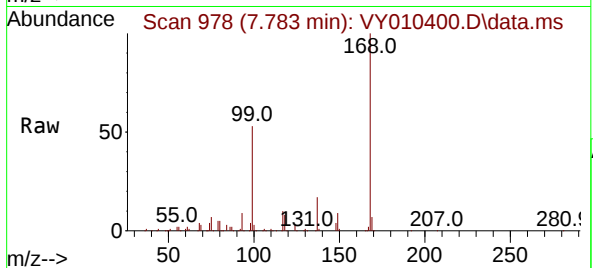




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010400.D
Acq: 08 Sep 2022 16:58

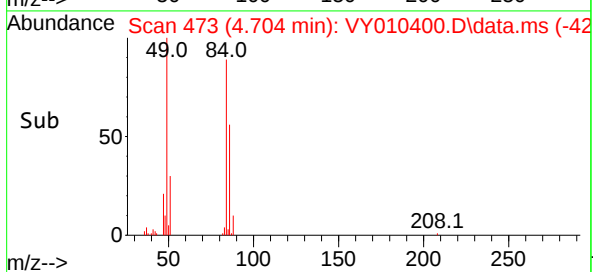
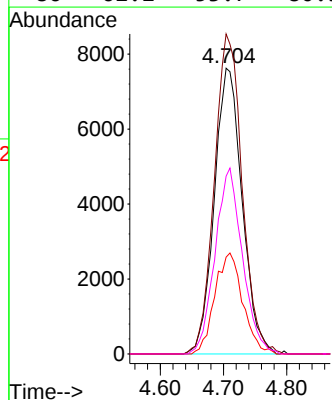
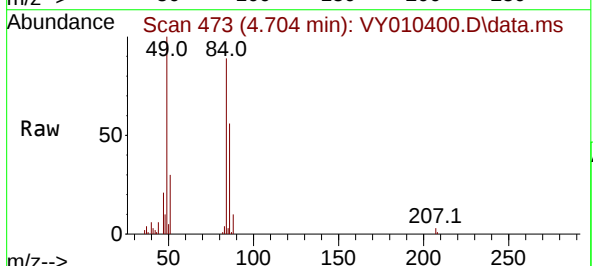
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

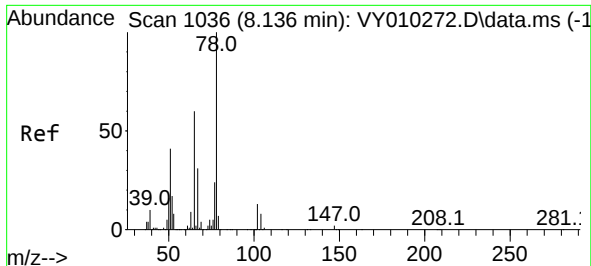
Tgt Ion:168 Resp: 296258
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#20
Methylene Chloride
Concen: 6.356 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010400.D
Acq: 08 Sep 2022 16:58

Tgt Ion: 84 Resp: 23294
Ion Ratio Lower Upper
84 100
49 112.0 114.4 171.6#
51 33.9 35.3 52.9#
86 62.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 42.640 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010400.D

Acq: 08 Sep 2022 16:58

Instrument :

MSVOA_Y

ClientSampleId :

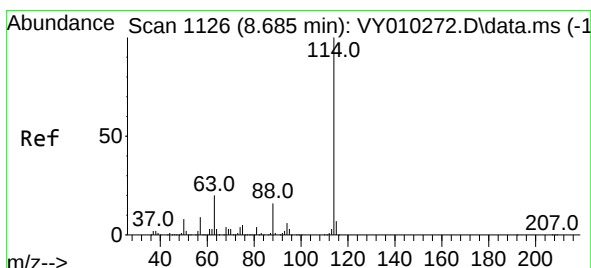
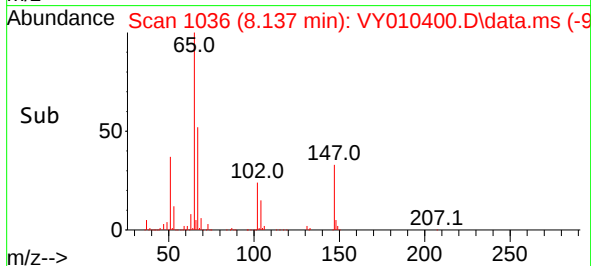
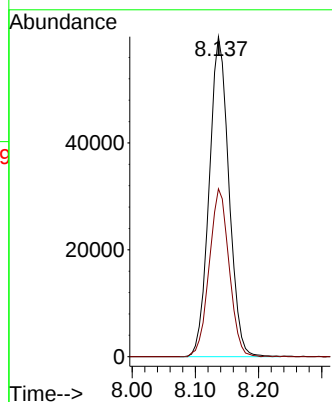
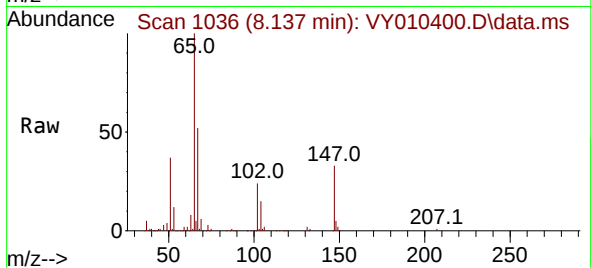
SB-02-10.5-11.0

Tgt Ion: 65 Resp: 129531

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010400.D

Acq: 08 Sep 2022 16:58

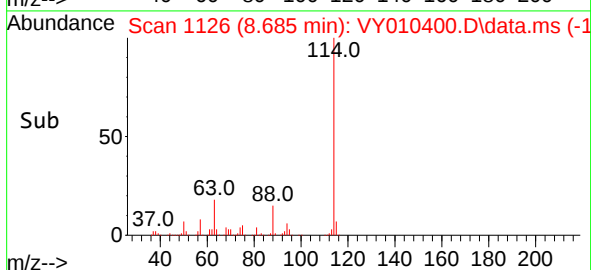
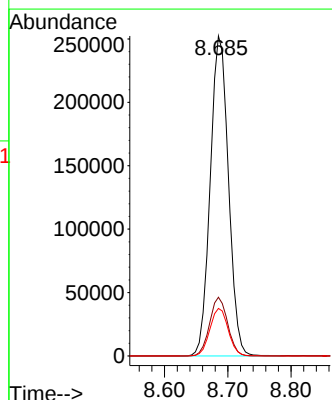
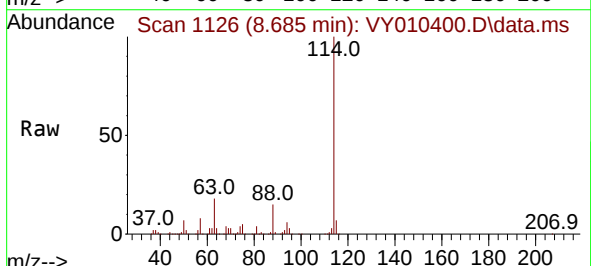
Tgt Ion: 114 Resp: 505177

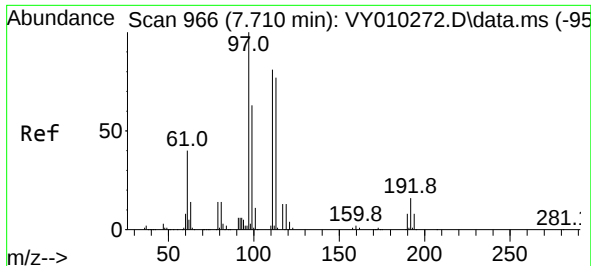
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.8 0.0 31.8

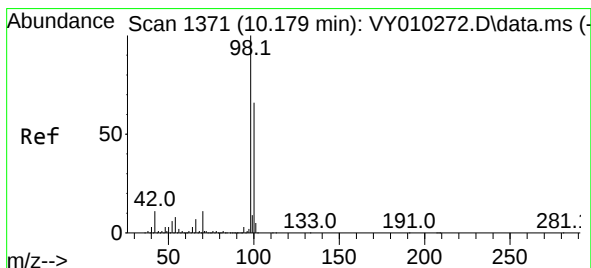
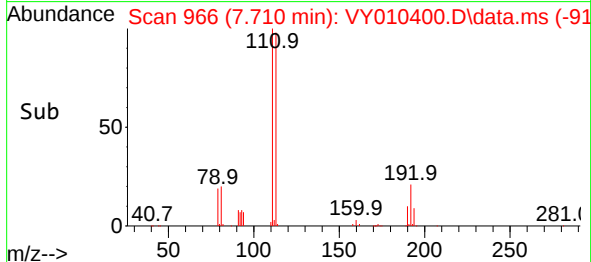
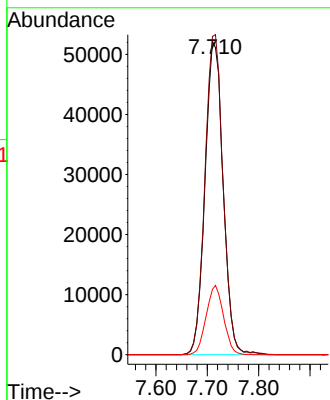
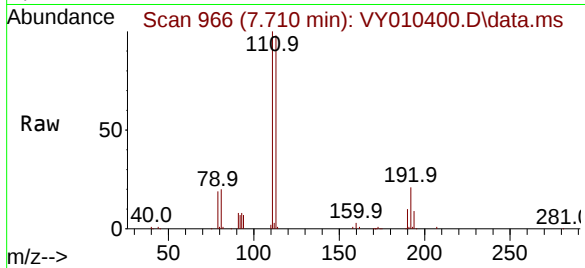




#35
Dibromofluoromethane
Concen: 37.929 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010400.D
Acq: 08 Sep 2022 16:58

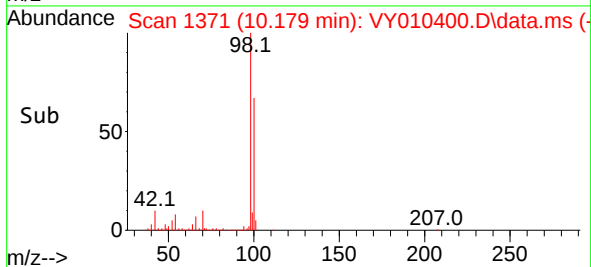
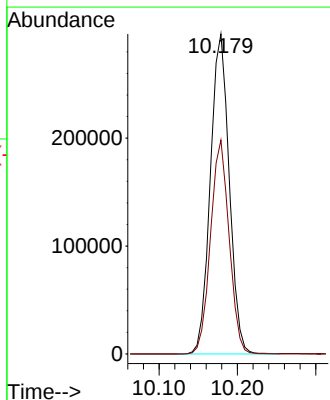
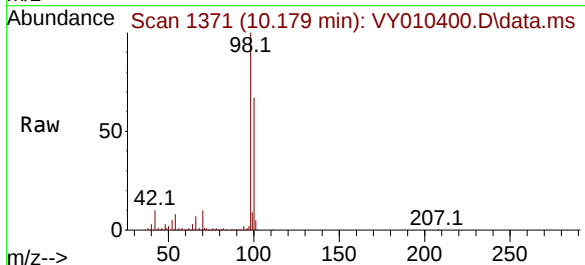
Instrument :
MSVOA_Y
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SB-02-10.5-11.0

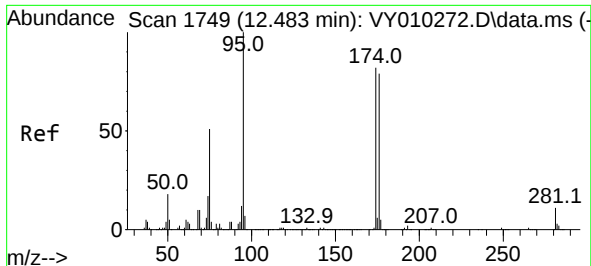
Tgt Ion:113 Resp: 127556
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 21.2 17.6 26.4



#50
Toluene-d8
Concen: 44.092 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010400.D
Acq: 08 Sep 2022 16:58

Tgt Ion: 98 Resp: 496453
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

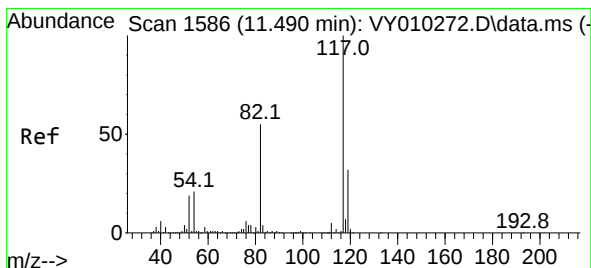
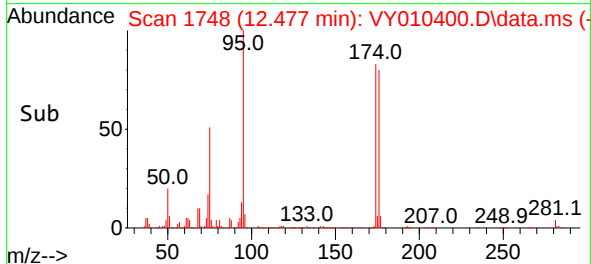
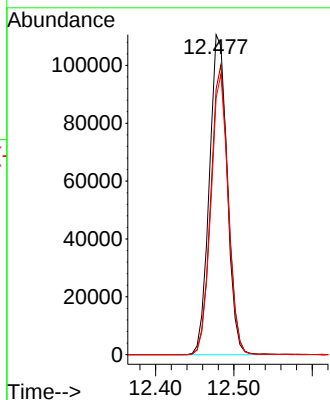
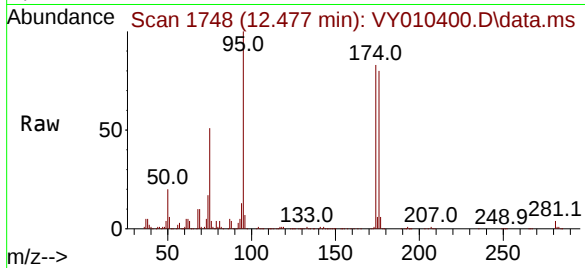




#62
4-Bromofluorobenzene
Concen: 36.986 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010400.D
Acq: 08 Sep 2022 16:58

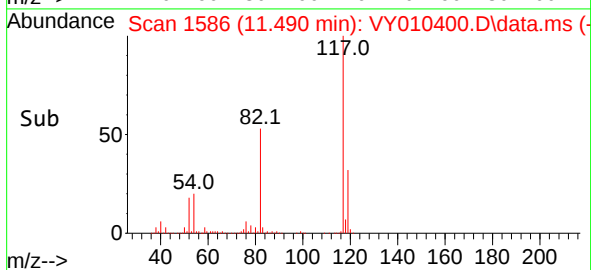
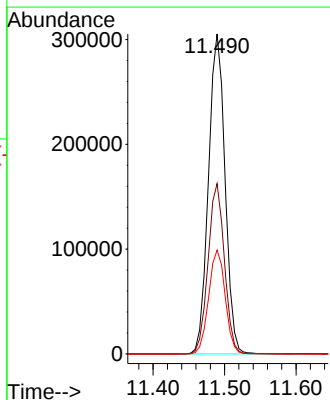
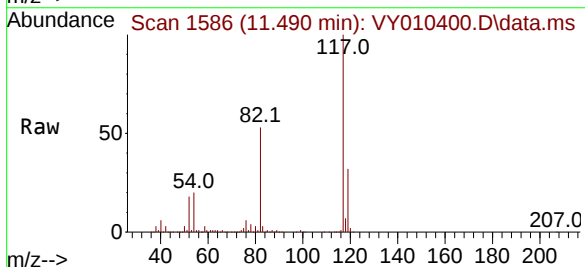
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10.5-11.0

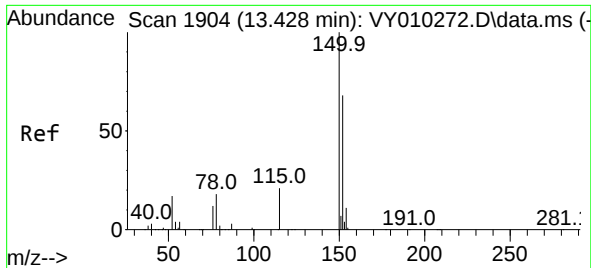
Tgt Ion: 95 Resp: 174187
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 85.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010400.D
Acq: 08 Sep 2022 16:58

Tgt Ion: 117 Resp: 491161
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY010400.D

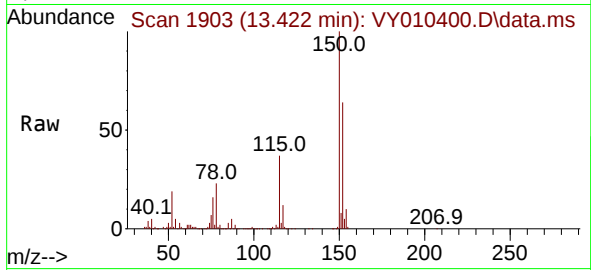
Acq: 08 Sep 2022 16:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-10.5-11.0



Tgt Ion:152 Resp: 241245

Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 156.2 0.0 347.6

