

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010401.D
 Acq On : 08 Sep 2022 17:22
 Operator : KP/MD
 Sample : N4500-15
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-17.5-18.0

Quant Time: Sep 09 06:27:00 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)

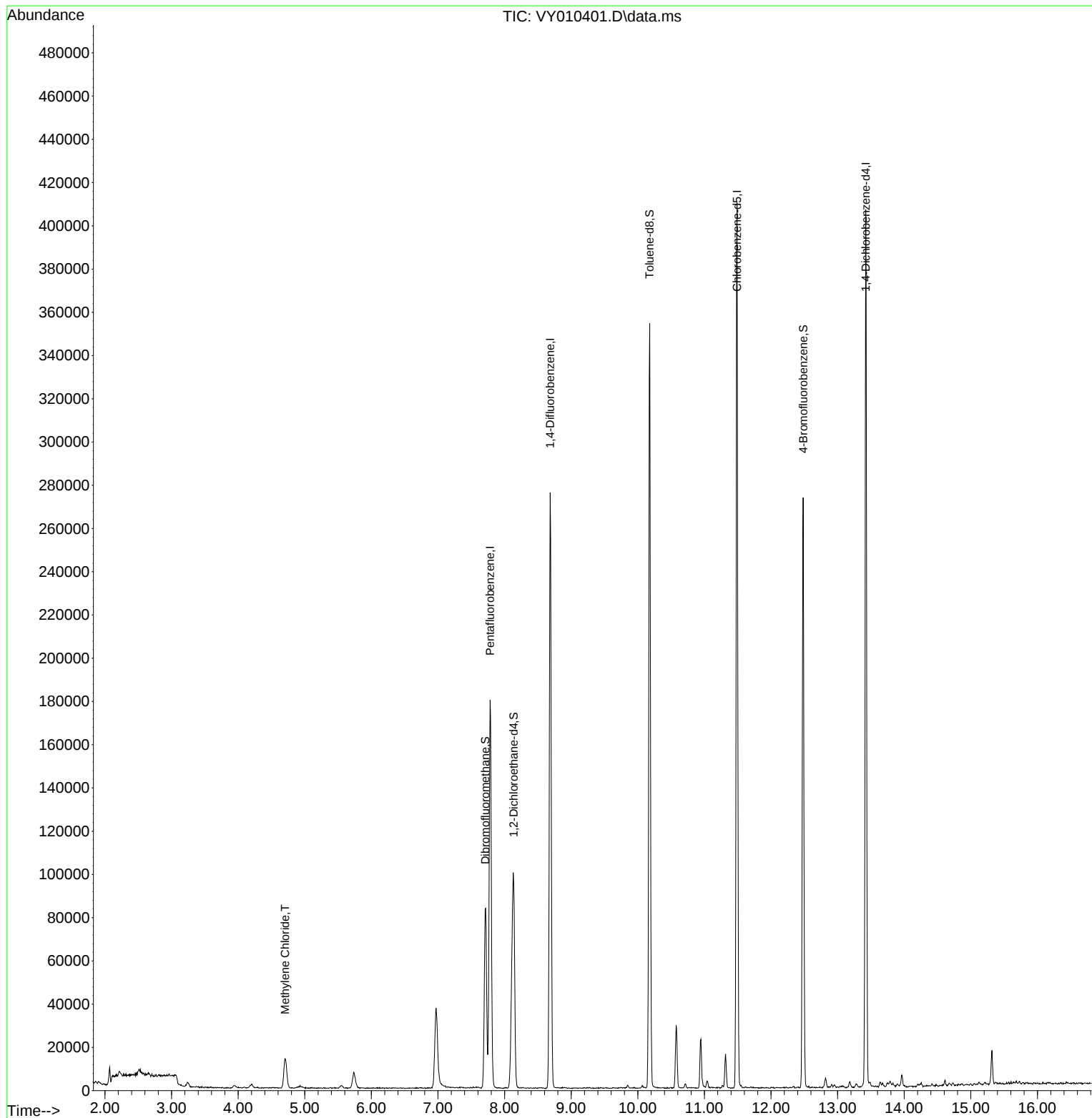
Internal Standards						
1) Pentafluorobenzene	7.783	168	146809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63284	42.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.080%
35) Dibromofluoromethane	7.710	113	60904	37.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.340%
50) Toluene-d8	10.179	98	237440	43.288	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.580%
62) 4-Bromofluorobenzene	12.483	95	78997	33.933	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.860%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	11070	6.096	ug/l #	72

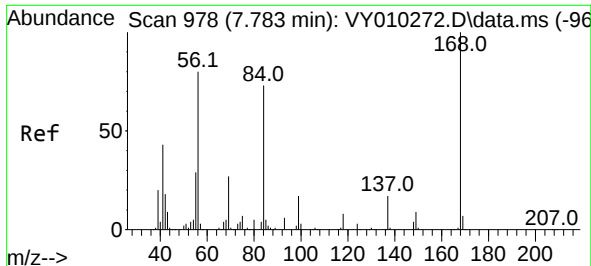
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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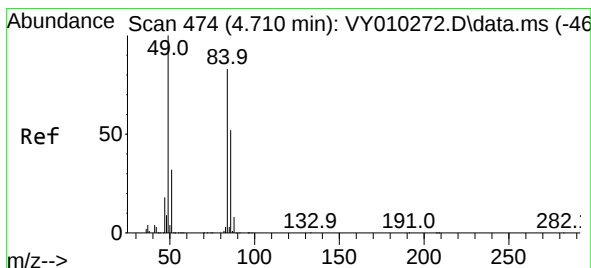
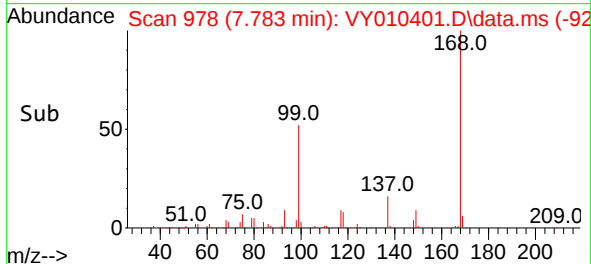
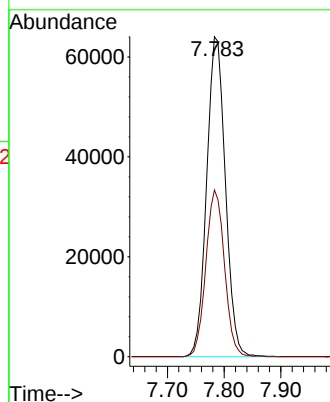
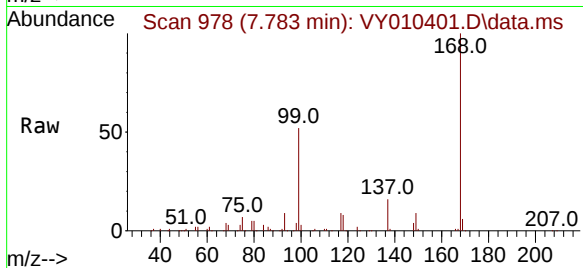




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010401.D
Acq: 08 Sep 2022 17:22

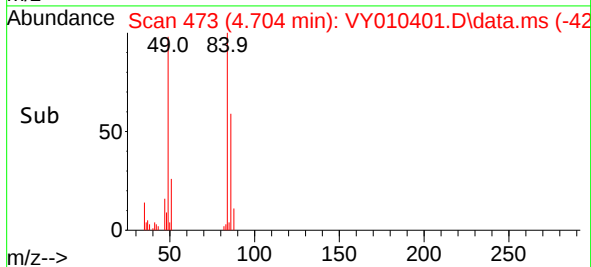
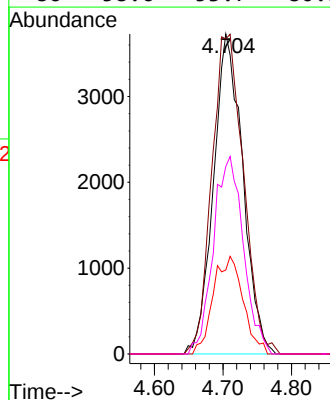
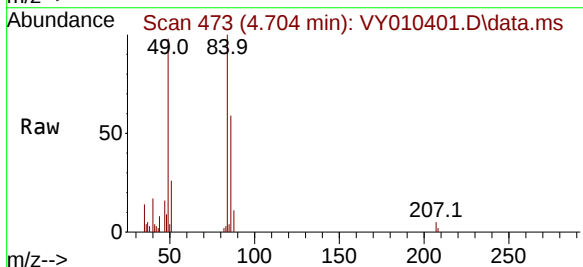
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-17.5-18.0

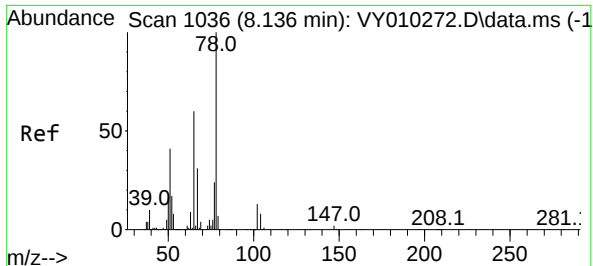
Tgt Ion:168 Resp: 146809
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#20
Methylene Chloride
Concen: 6.096 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010401.D
Acq: 08 Sep 2022 17:22

Tgt Ion: 84 Resp: 11070
Ion Ratio Lower Upper
84 100
49 98.5 114.4 171.6#
51 26.3 35.3 52.9#
86 58.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 42.039 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010401.D

Acq: 08 Sep 2022 17:22

Instrument :

MSVOA_Y

ClientSampleId :

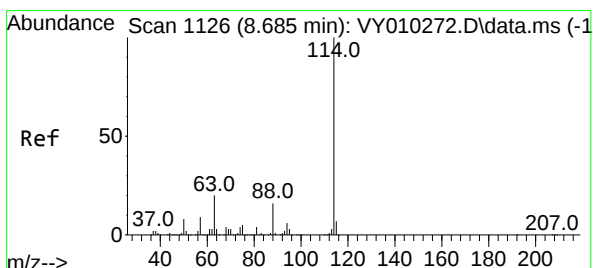
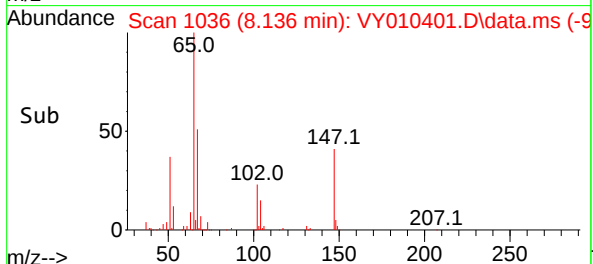
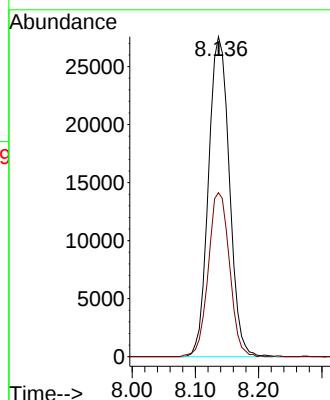
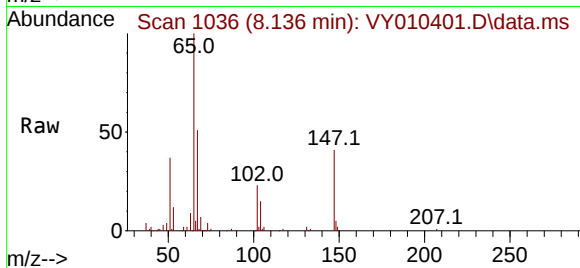
SB-04-17.5-18.0

Tgt Ion: 65 Resp: 63284

Ion Ratio Lower Upper

65 100

67 52.1 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: VY010401.D

Acq: 08 Sep 2022 17:22

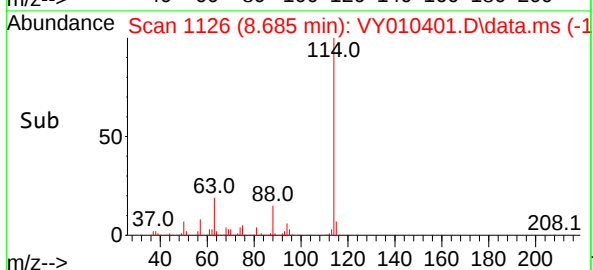
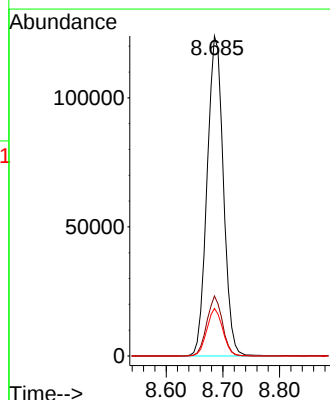
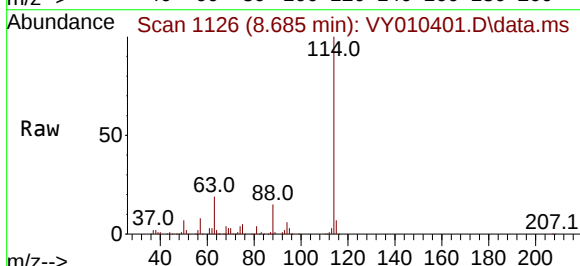
Tgt Ion: 114 Resp: 246100

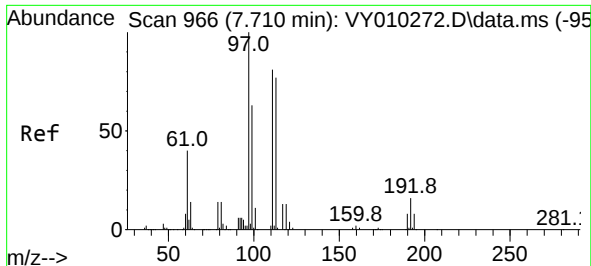
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 37.174 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010401.D

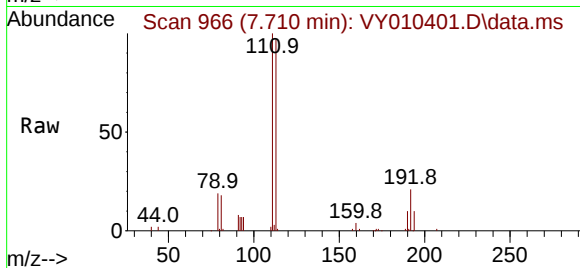
Acq: 08 Sep 2022 17:22

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-17.5-18.0



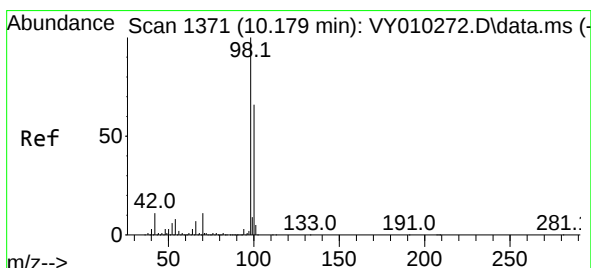
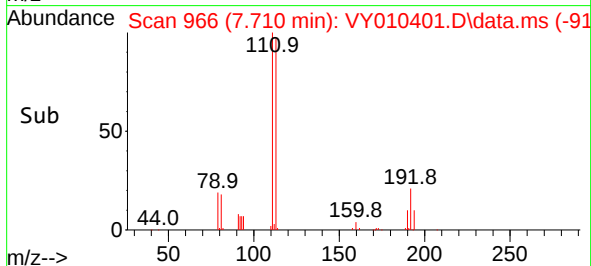
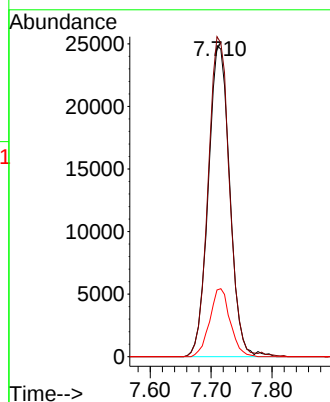
Tgt Ion:113 Resp: 60904

Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 20.8 17.6 26.4



#50

Toluene-d8

Concen: 43.288 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010401.D

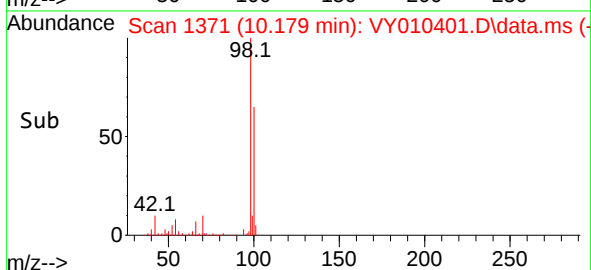
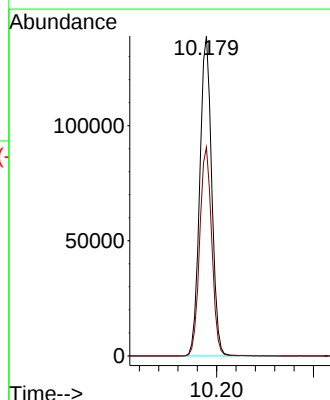
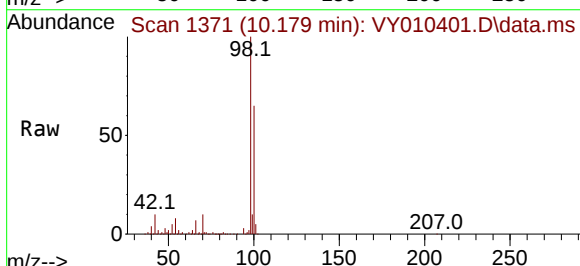
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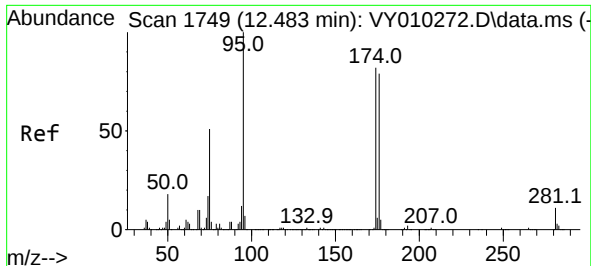
Tgt Ion: 98 Resp: 237440

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

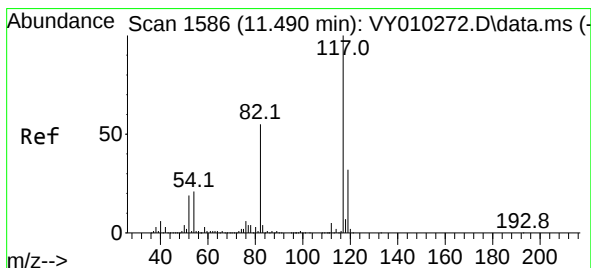
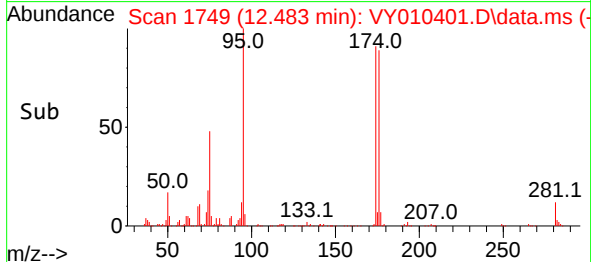
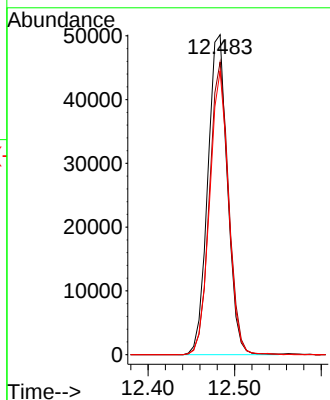
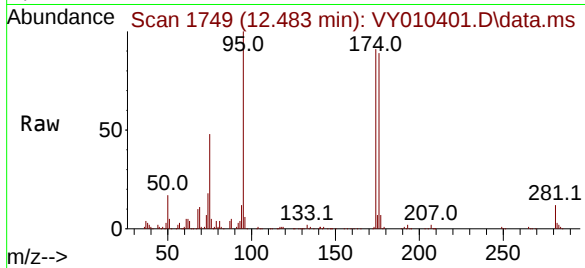




#62
4-Bromofluorobenzene
Concen: 33.933 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010401.D
Acq: 08 Sep 2022 17:22

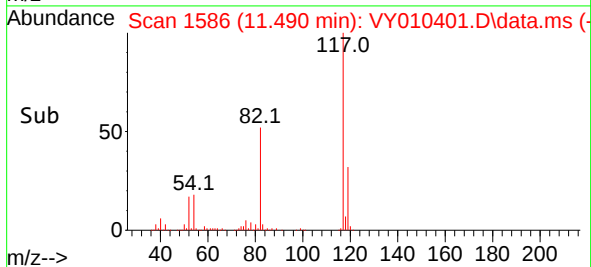
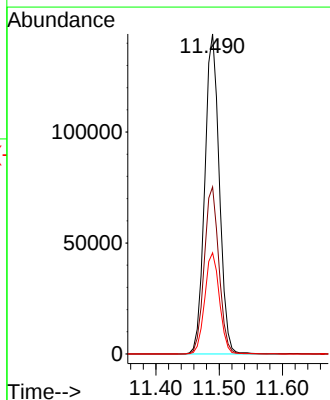
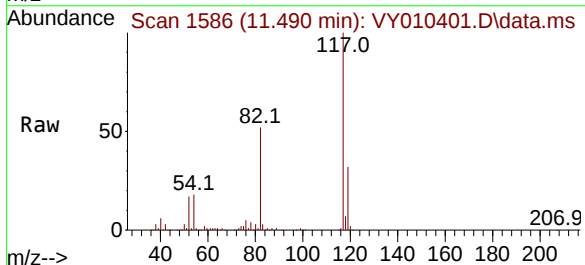
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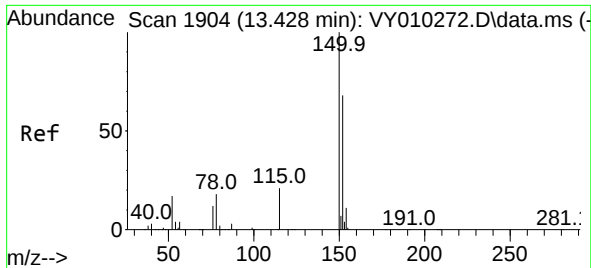
Tgt Ion: 95 Resp: 78997
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 85.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010401.D
Acq: 08 Sep 2022 17:22

Tgt Ion: 117 Resp: 230552
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.6 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: VY010401.D
 Acq: 08 Sep 2022 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-17.5-18.0

Tgt Ion:152 Resp: 106736
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.7
 150 159.7 0.0 347.6

