

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010301.D
 Acq On : 03 Sep 2022 01:25
 Operator : KP/MD
 Sample : N4379-06
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-9-11MS

Quant Time: Sep 03 06:10:36 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)

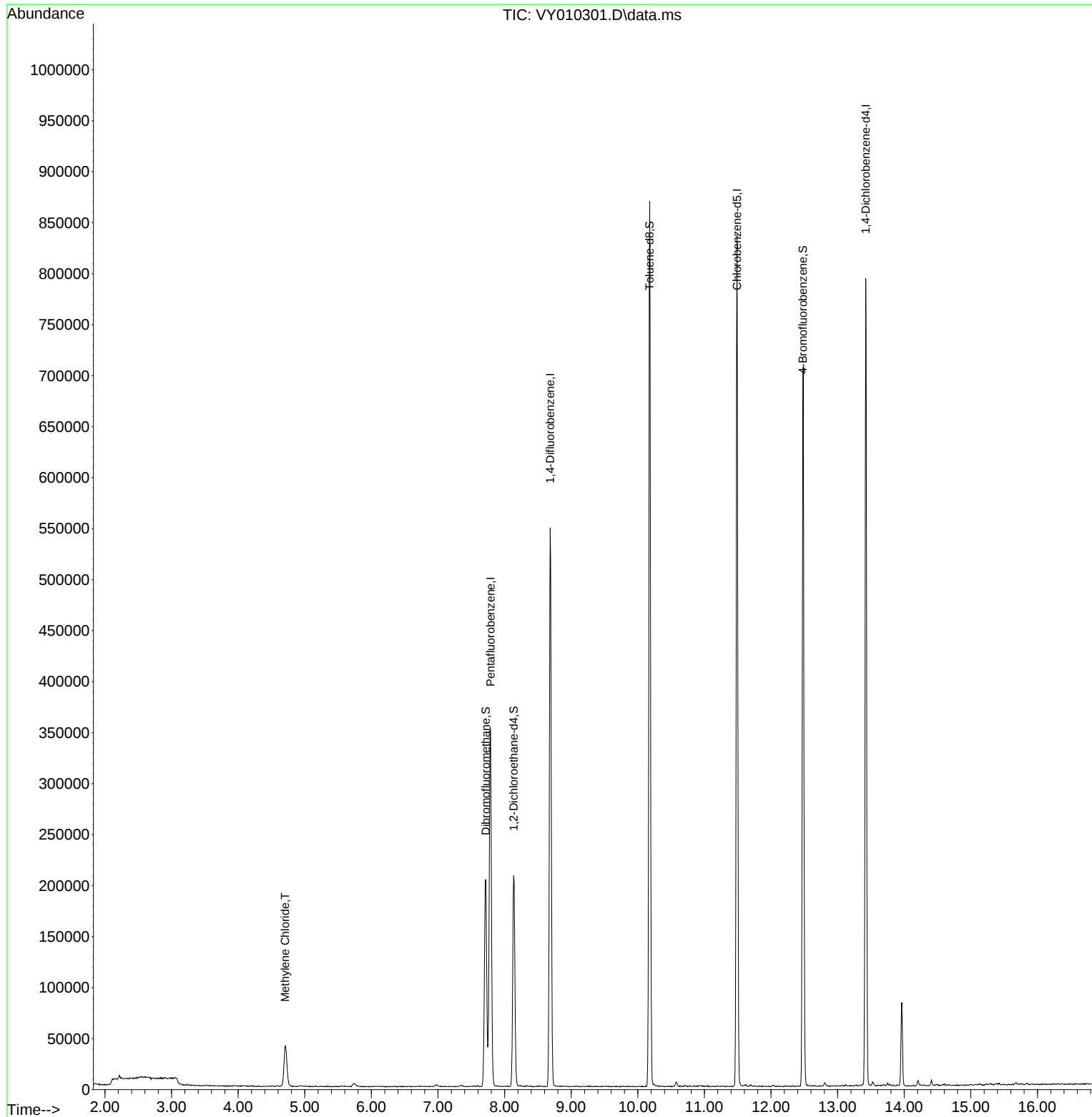
Internal Standards						
1) Pentafluorobenzene	7.789	168	285598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	482412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	446967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	208220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	166581	56.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.760%
35) Dibromofluoromethane	7.716	113	146876	45.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.460%
50) Toluene-d8	10.179	98	570236	53.035	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.060%
62) 4-Bromofluorobenzene	12.477	95	201262	46.268	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.540%
Target Compounds						
20) Methylene Chloride	4.704	84	30448	8.618	ug/l	Qvalue 85

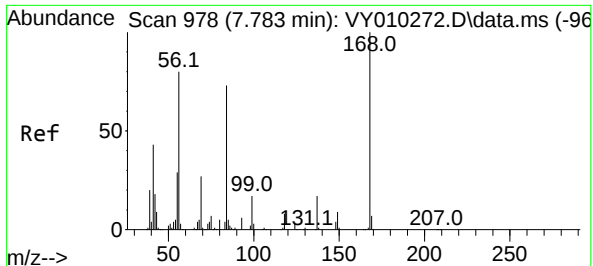
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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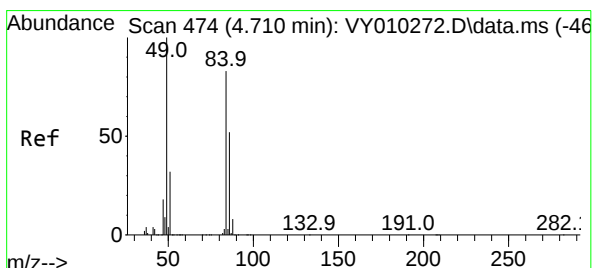
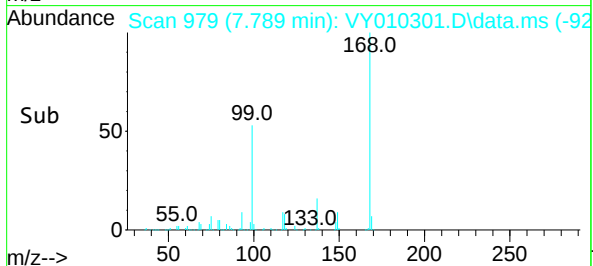
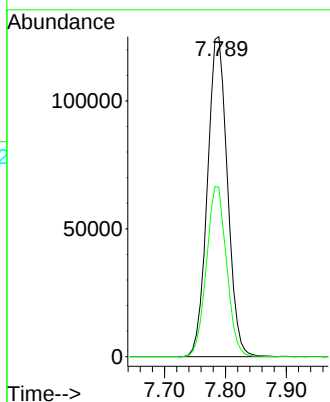
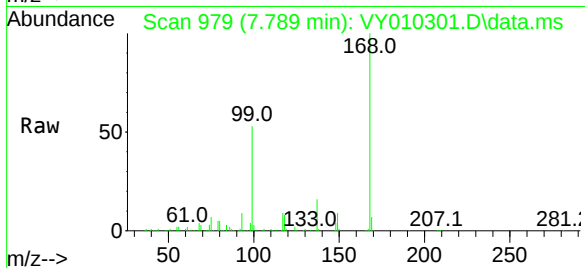




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

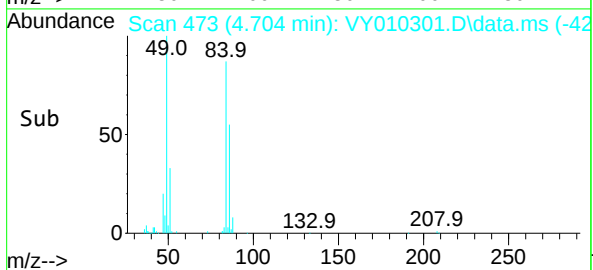
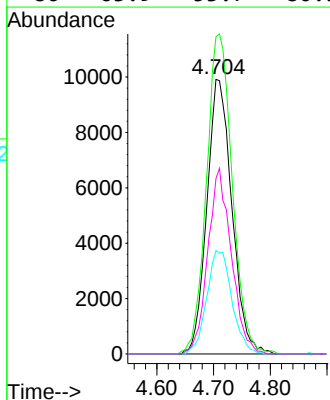
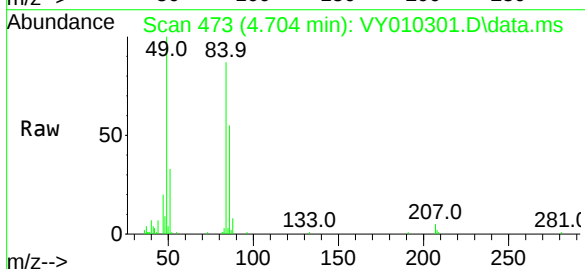
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9-11MS

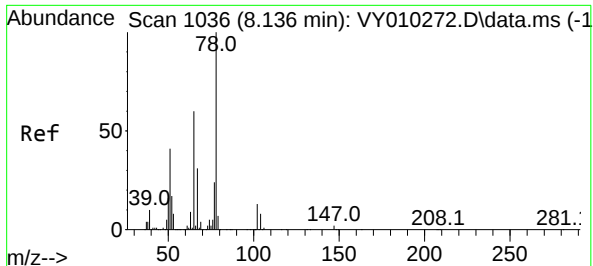
Tgt Ion:168 Resp: 285598
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#20
Methylene Chloride
Concen: 8.618 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

Tgt Ion: 84 Resp: 30448
Ion Ratio Lower Upper
84 100
49 115.5 114.4 171.6
51 37.7 35.3 52.9
86 63.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 56.883 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010301.D

Acq: 03 Sep 2022 01:25

Instrument :

MSVOA_Y

ClientSampleId :

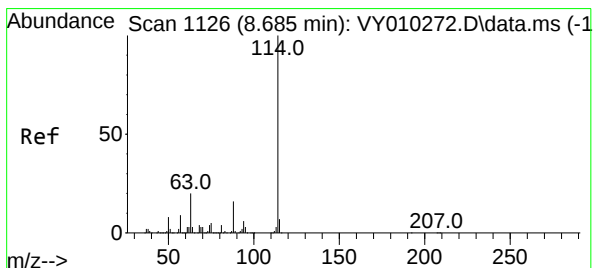
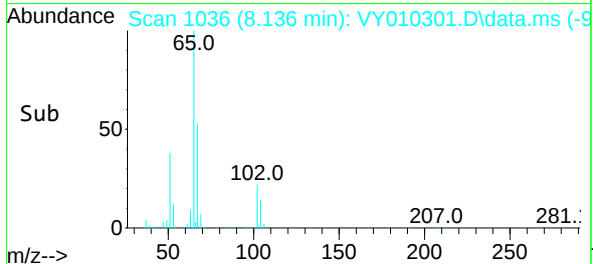
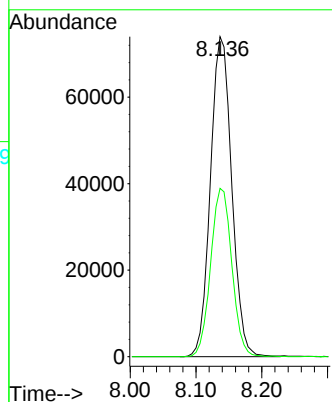
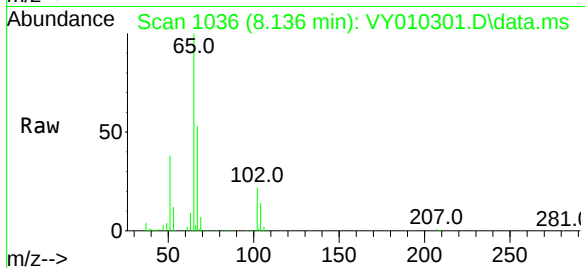
SB-03-9-11MS

Tgt Ion: 65 Resp: 166581

Ion Ratio Lower Upper

65 100

67 52.4 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: VY010301.D

Acq: 03 Sep 2022 01:25

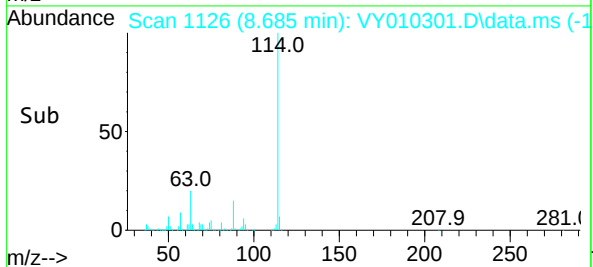
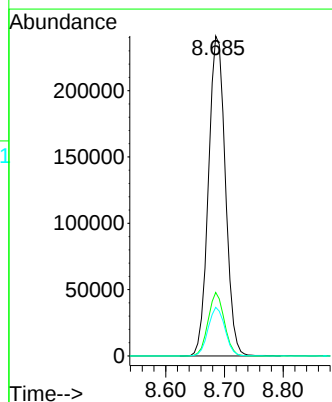
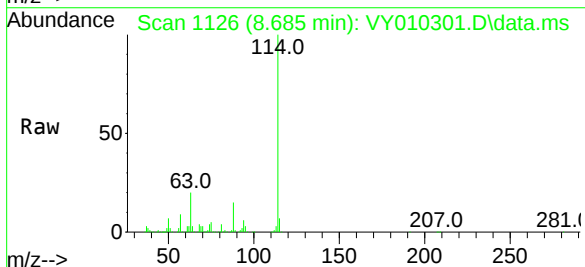
Tgt Ion: 114 Resp: 482412

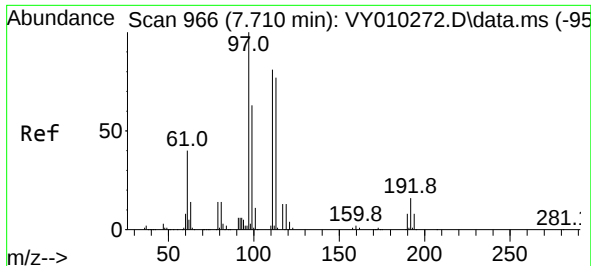
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.2 0.0 31.8

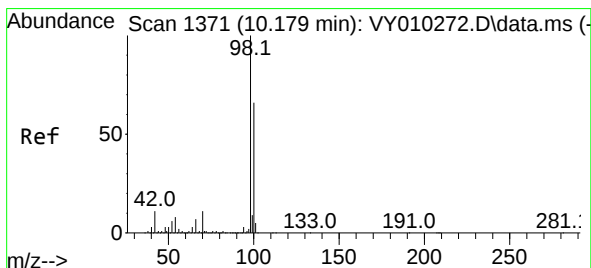
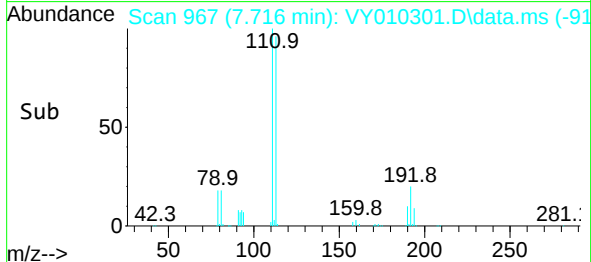
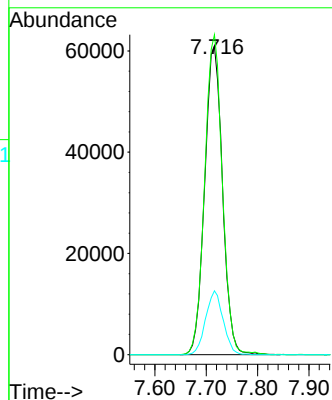
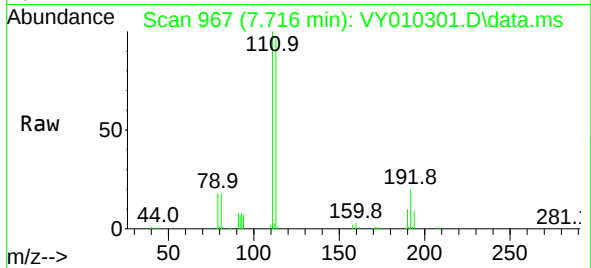




#35
Dibromofluoromethane
Concen: 45.734 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

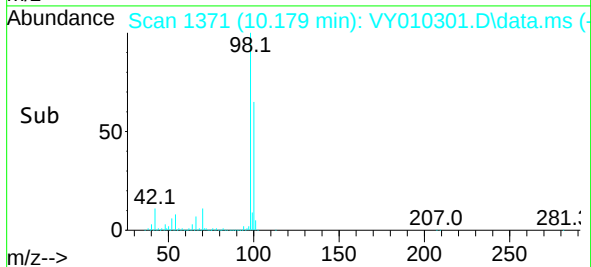
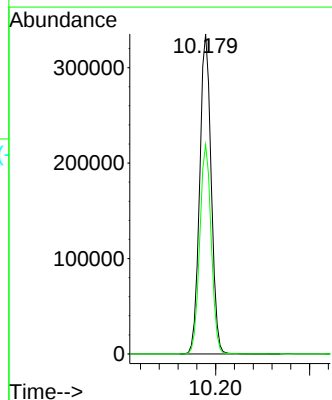
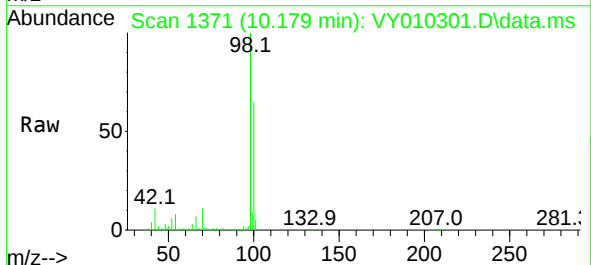
Instrument :
MSVOA_Y
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SB-03-9-11MS

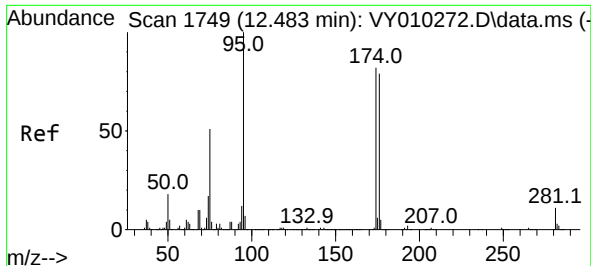
Tgt Ion:113 Resp: 146876
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 53.035 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

Tgt Ion: 98 Resp: 570236
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

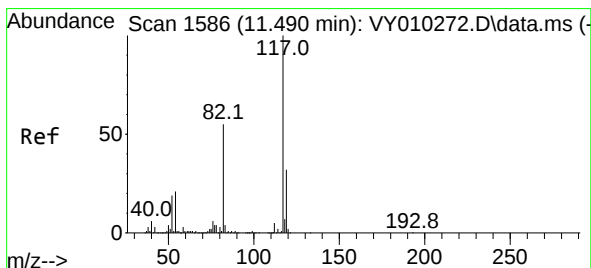
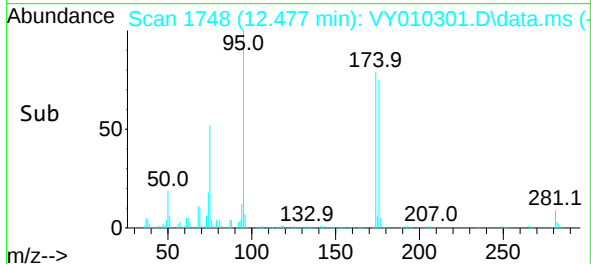
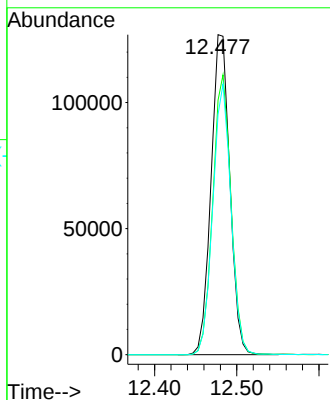
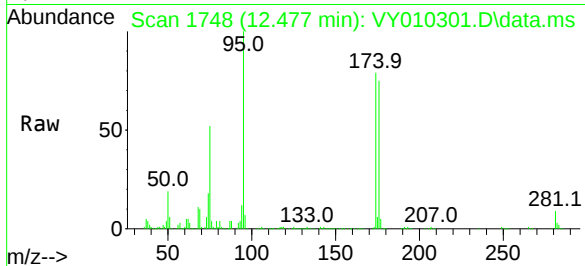




#62
4-Bromofluorobenzene
Concen: 46.268 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

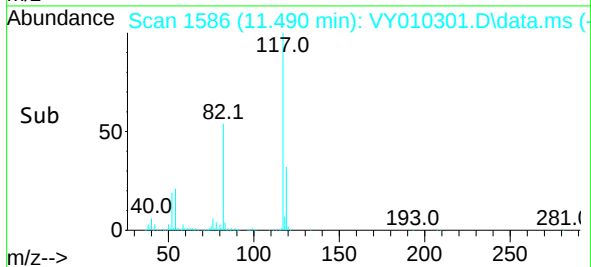
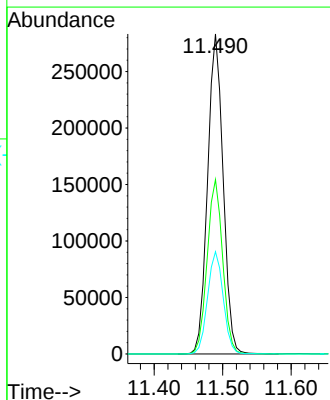
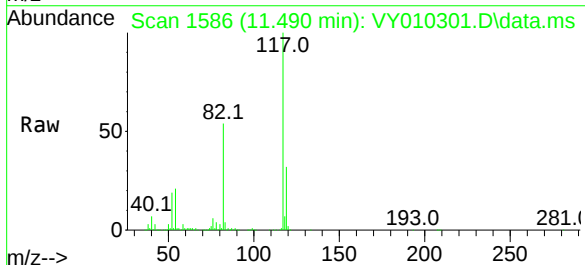
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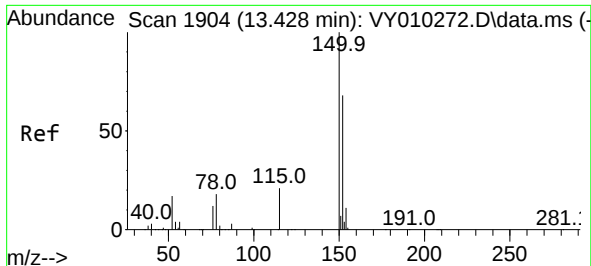
Tgt Ion: 95 Resp: 201262
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 82.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

Tgt Ion: 117 Resp: 446967
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.0 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: VY010301.D

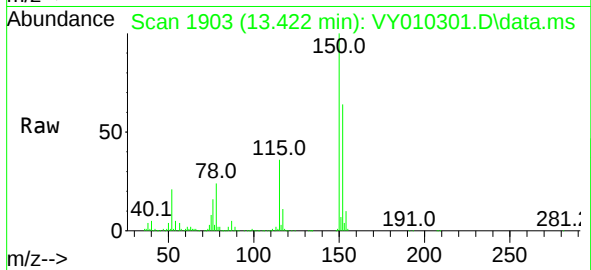
Acq: 03 Sep 2022 01:25

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-9-11MS



Tgt Ion:152 Resp: 208220

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 157.2 0.0 347.6

