

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011133.D
 Acq On : 27 Oct 2022 12:42
 Operator : KP/MD
 Sample : N5265-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11976

Quant Time: Oct 27 12:58:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

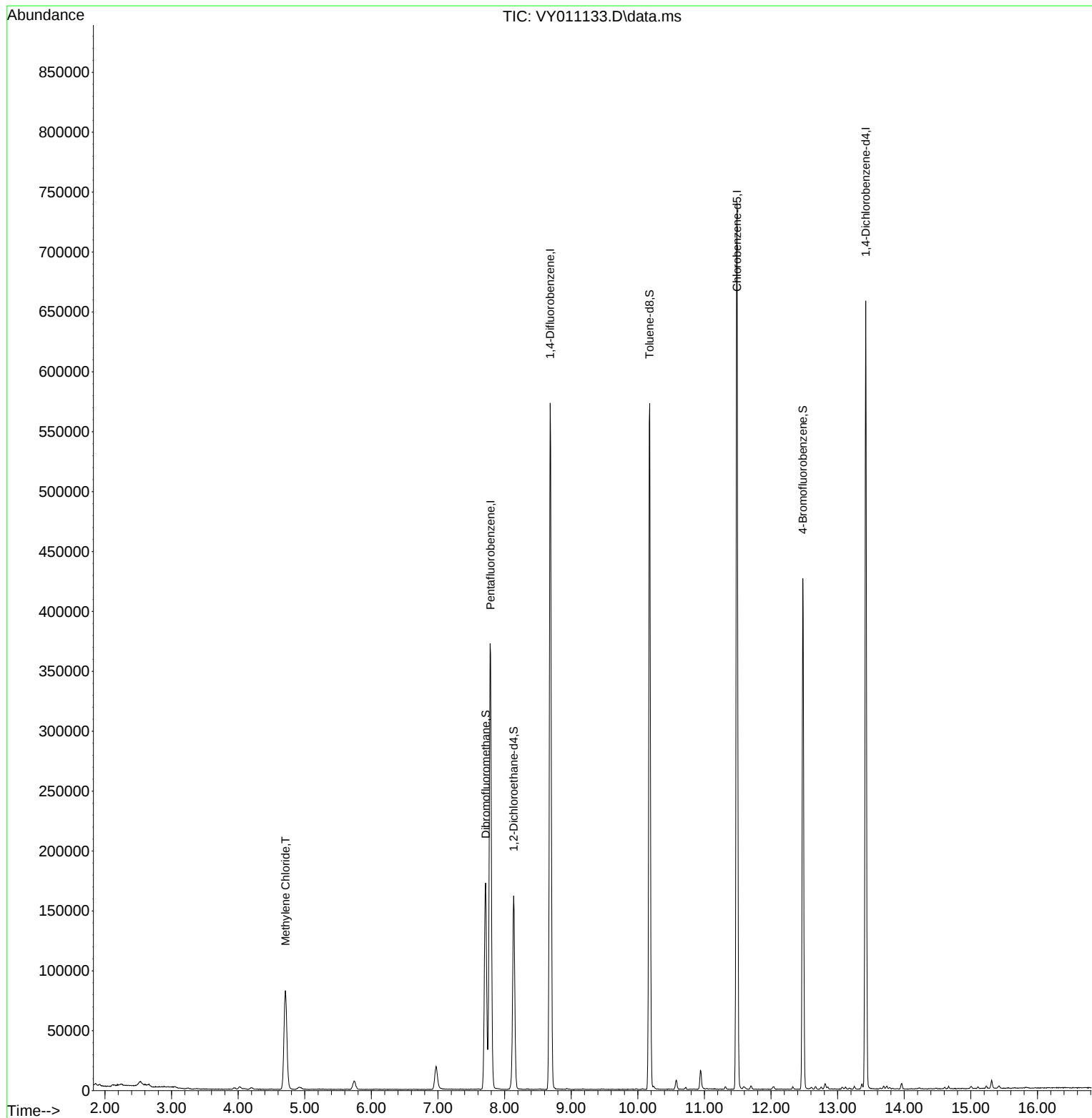
Internal Standards						
1) Pentafluorobenzene	7.789	168	288923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	497574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	425501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119191	44.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.580%
35) Dibromofluoromethane	7.716	113	126553	45.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.860%
50) Toluene-d8	10.179	98	386706	37.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.440%
62) 4-Bromofluorobenzene	12.477	95	132458	35.075	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.140%
Target Compounds						
20) Methylene Chloride	4.710	84	66062	15.220	ug/l	Qvalue # 82

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

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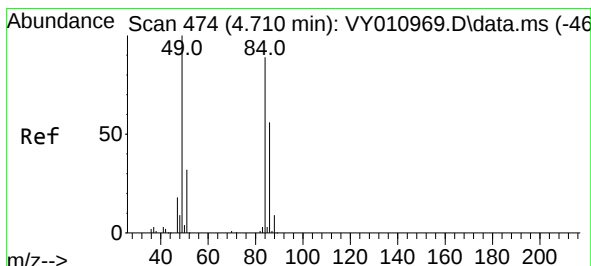
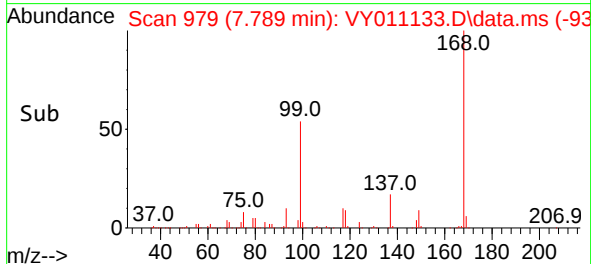
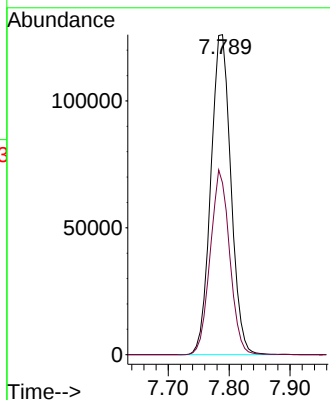
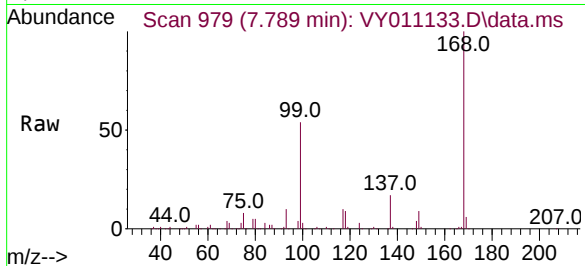




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011133.D
Acq: 27 Oct 2022 12:42

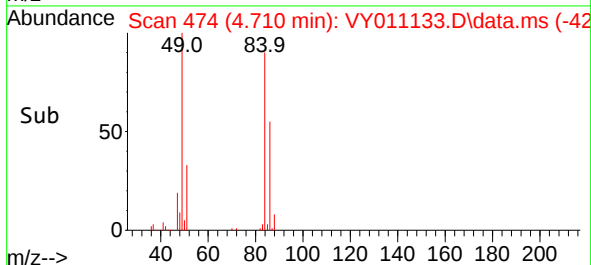
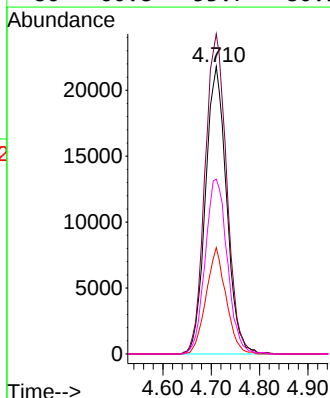
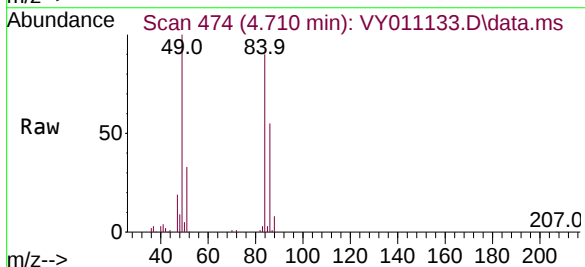
Instrument :
MSVOA_Y
ClientSampleId :
72-11976

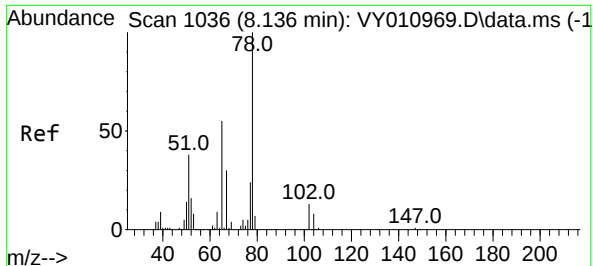
Tgt Ion:168 Resp: 288923
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#20
Methylene Chloride
Concen: 15.220 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011133.D
Acq: 27 Oct 2022 12:42

Tgt Ion: 84 Resp: 66062
Ion Ratio Lower Upper
84 100
49 111.3 114.4 171.6#
51 36.9 35.3 52.9
86 60.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 44.785 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011133.D

Acq: 27 Oct 2022 12:42

Instrument :

MSVOA_Y

ClientSampleId :

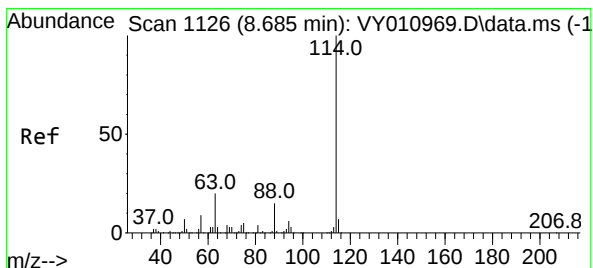
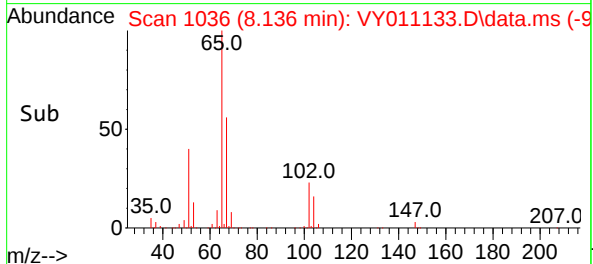
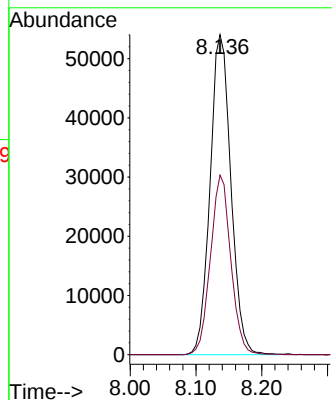
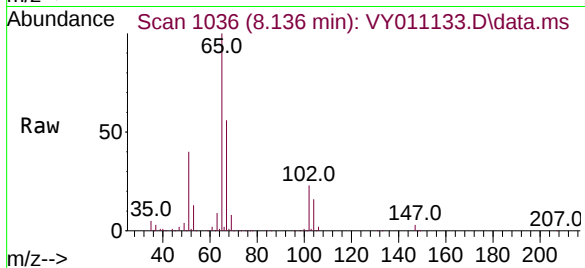
72-11976

Tgt Ion: 65 Resp: 119191

Ion Ratio Lower Upper

65 100

67 54.8 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: VY011133.D

Acq: 27 Oct 2022 12:42

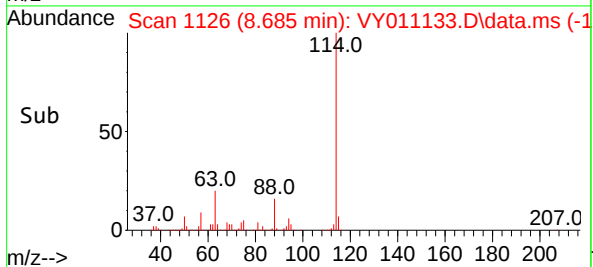
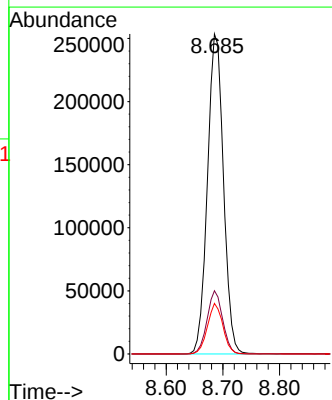
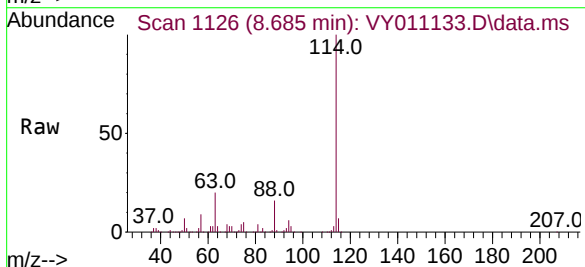
Tgt Ion: 114 Resp: 497574

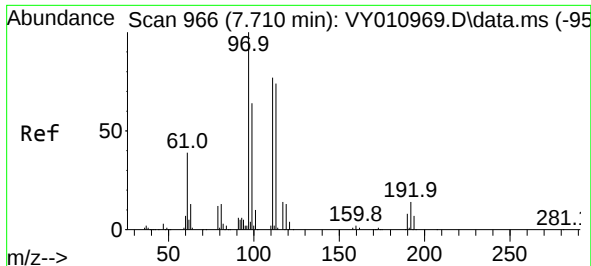
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.8 0.0 31.8

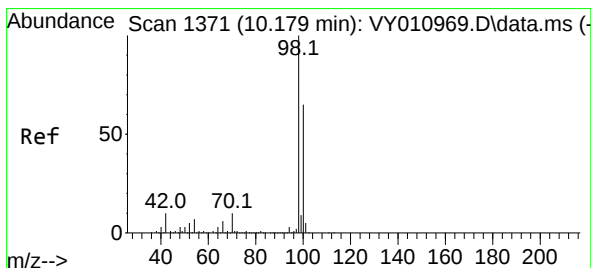
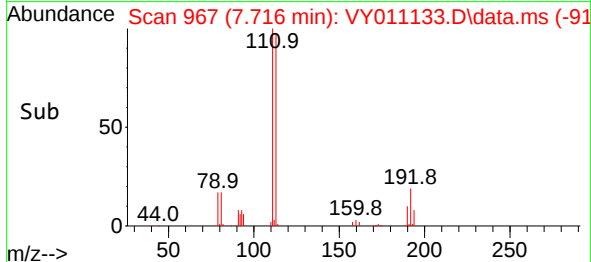
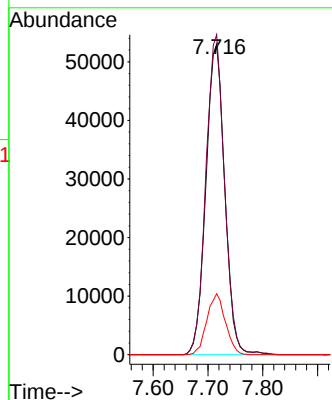
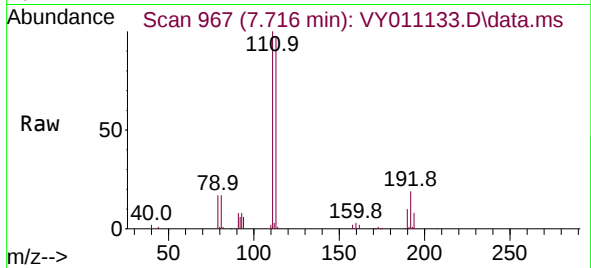




#35
Dibromofluoromethane
Concen: 45.431 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011133.D
Acq: 27 Oct 2022 12:42

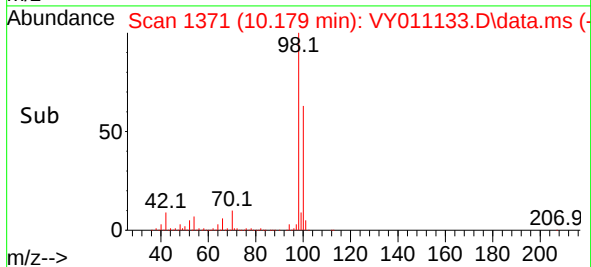
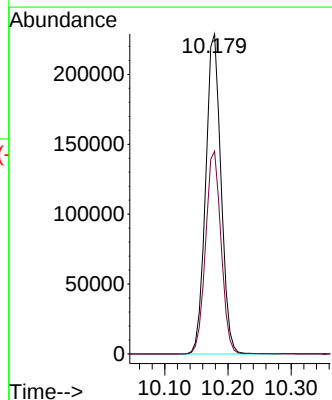
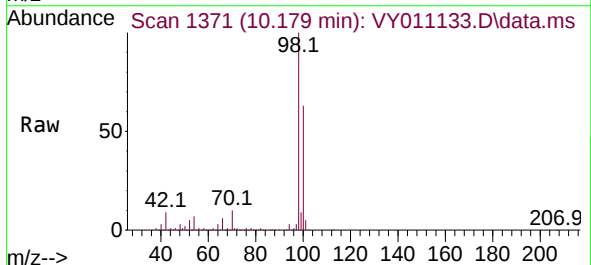
Instrument :
MSVOA_Y
ClientSampleId :
72-11976

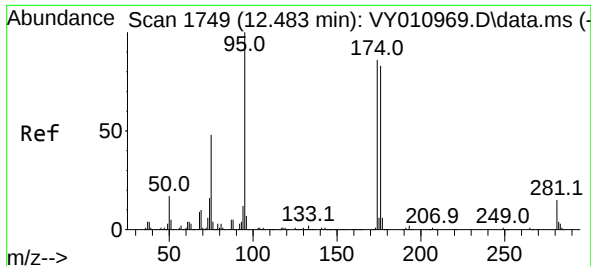
Tgt Ion:113 Resp: 126553
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 37.221 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011133.D
Acq: 27 Oct 2022 12:42

Tgt Ion: 98 Resp: 386706
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 35.075 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011133.D

Acq: 27 Oct 2022 12:42

Instrument :

MSVOA_Y

ClientSampleId :

72-11976

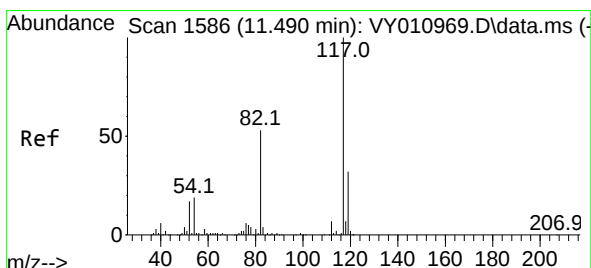
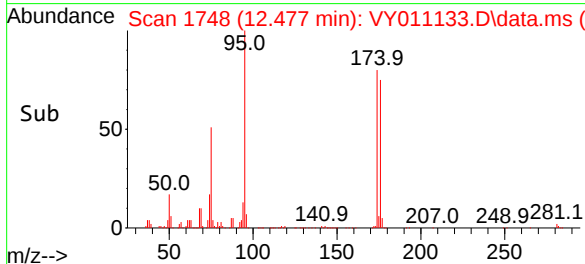
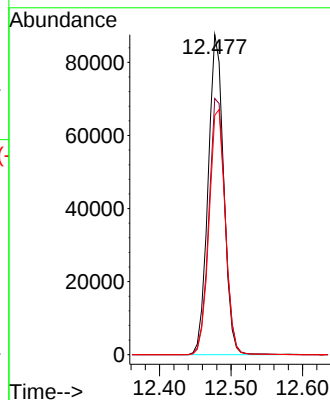
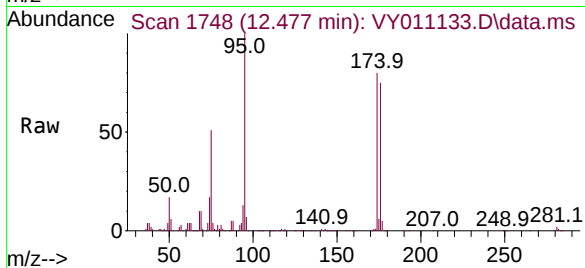
Tgt Ion: 95 Resp: 132458

Ion Ratio Lower Upper

95 100

174 83.7 0.0 177.0

176 79.6 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: VY011133.D

Acq: 27 Oct 2022 12:42

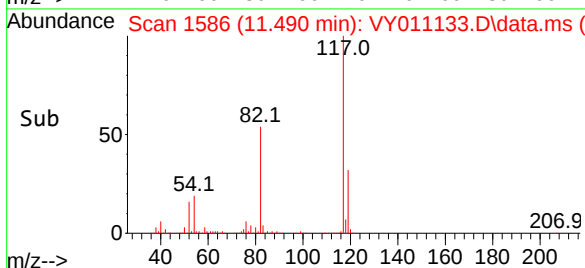
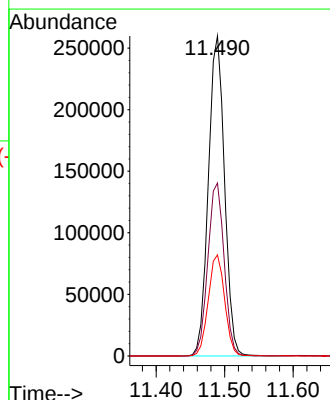
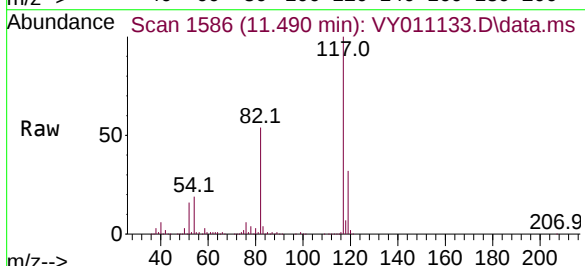
Tgt Ion: 117 Resp: 425501

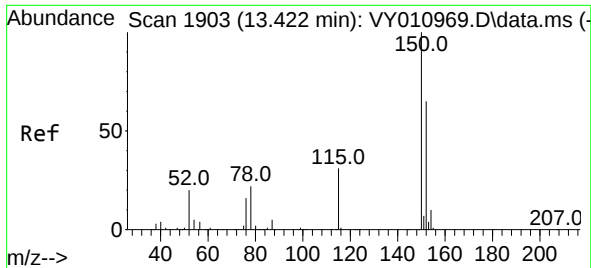
Ion Ratio Lower Upper

117 100

82 54.0 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. 0.000 min

Lab File: VY011133.D

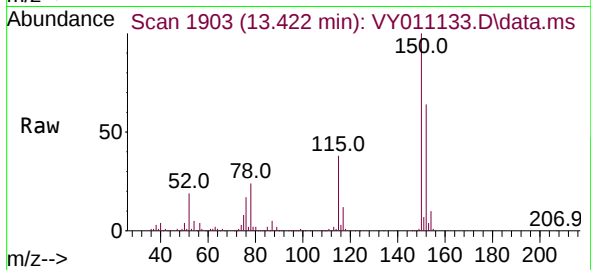
Acq: 27 Oct 2022 12:42

Instrument :

MSVOA_Y

ClientSampleId :

72-11976



Tgt Ion:152 Resp: 168905

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 157.7 0.0 347.6

