

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014725.D
 Acq On : 20 Jul 2023 16:51
 Operator : SY/MD
 Sample : 03674-02
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WO-8

Quant Time: Jul 21 01:33:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

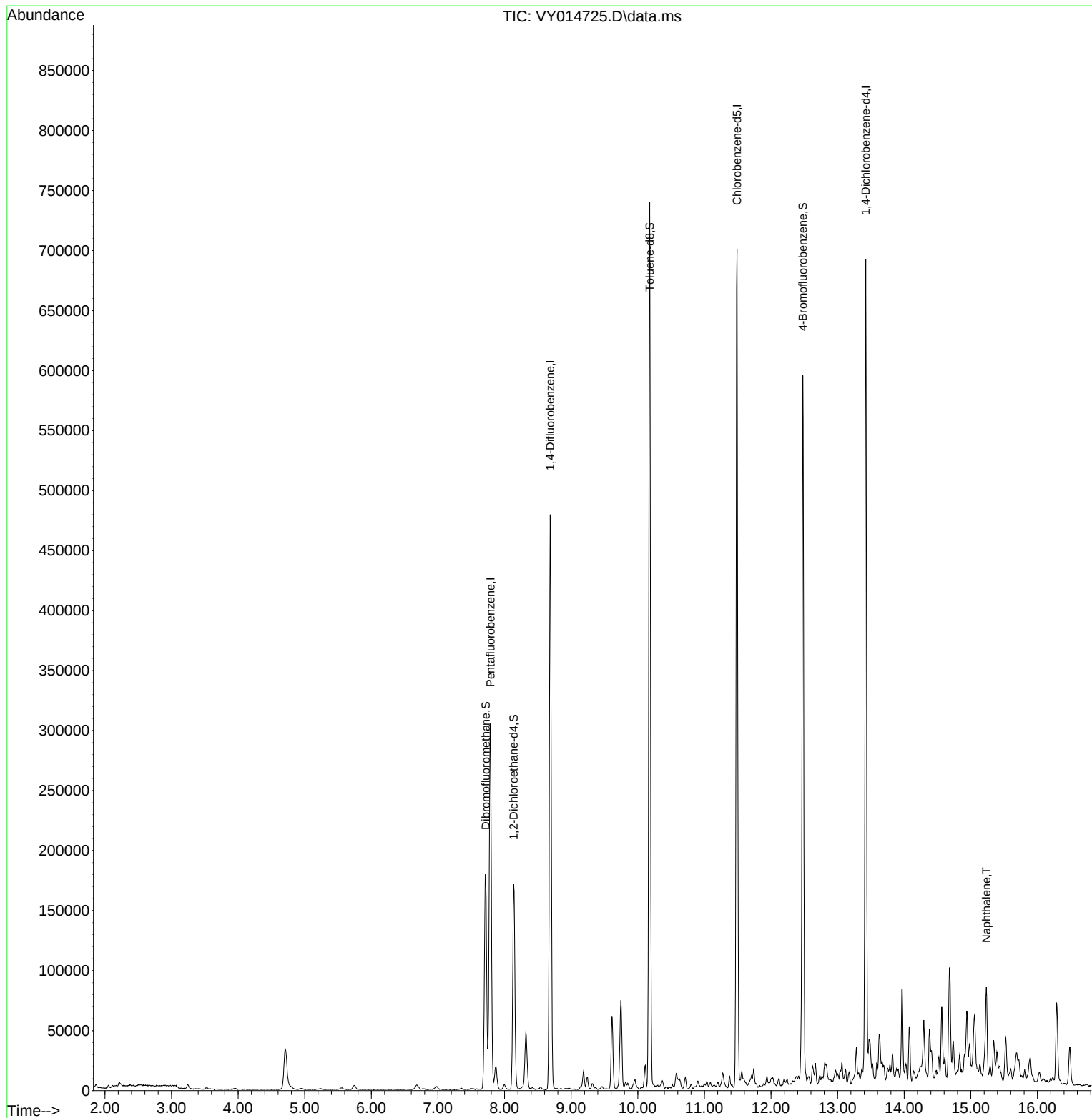
Internal Standards						
1) Pentafluorobenzene	7.789	168	238700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	404768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	378098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	138404	50.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.760%
35) Dibromofluoromethane	7.716	113	128801	49.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.179	98	479864	50.514	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.477	95	178485	49.001	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.000%
Target Compounds						
95) Naphthalene	15.233	128	54961	6.731	ug/l	Qvalue 98

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

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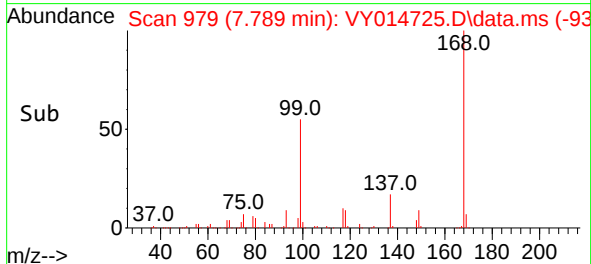
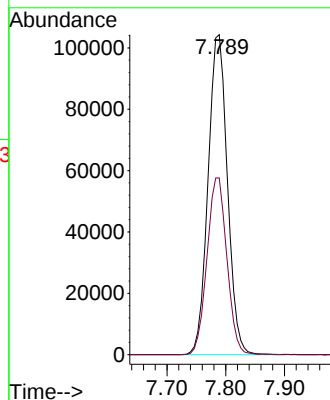
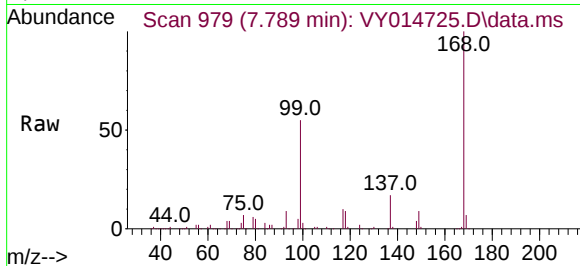




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

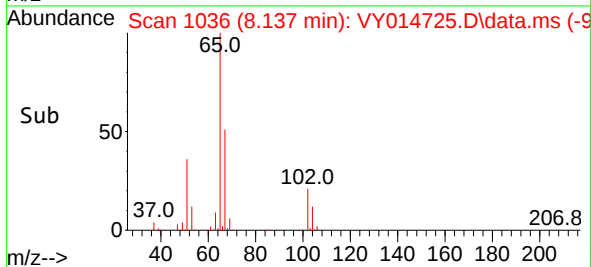
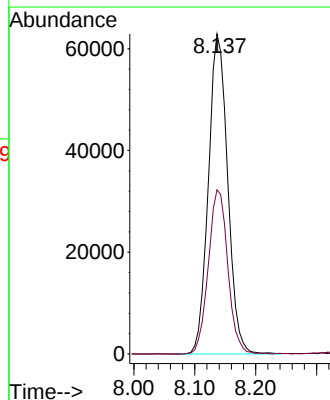
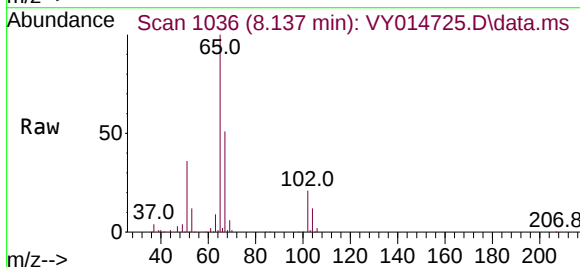
Instrument :
MSVOA_Y
ClientSampleId :
WO-8

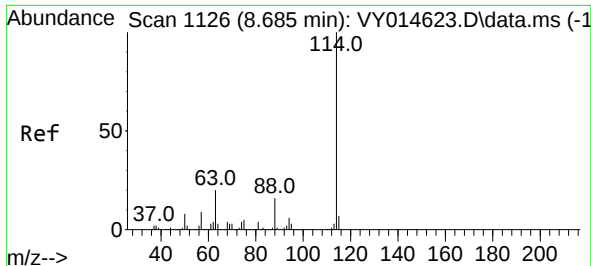
Tgt Ion:168 Resp: 238700
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.882 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

Tgt Ion: 65 Resp: 138404
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014725.D

Acq: 20 Jul 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

WO-8

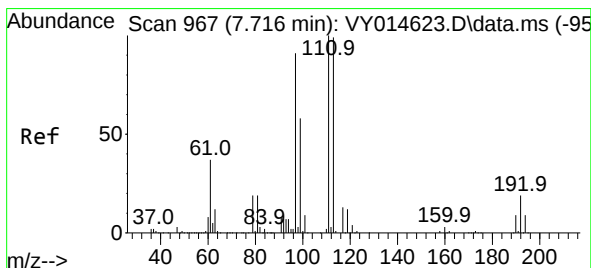
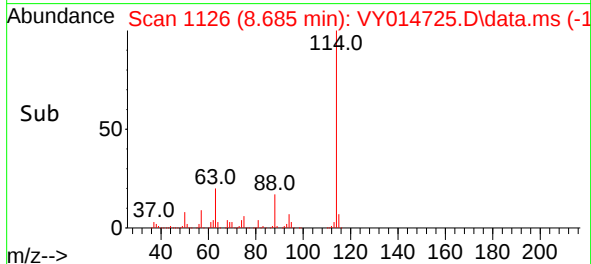
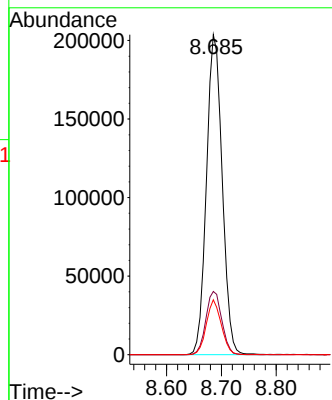
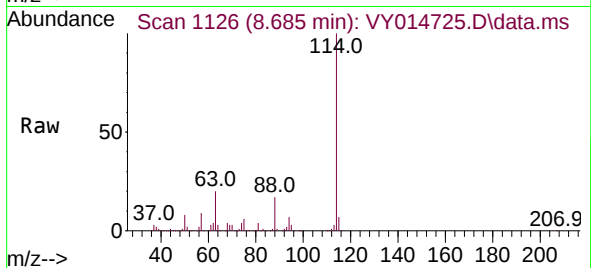
Tgt Ion:114 Resp: 404768

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 17.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.988 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014725.D

Acq: 20 Jul 2023 16:51

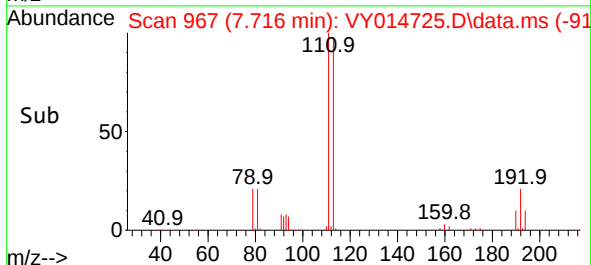
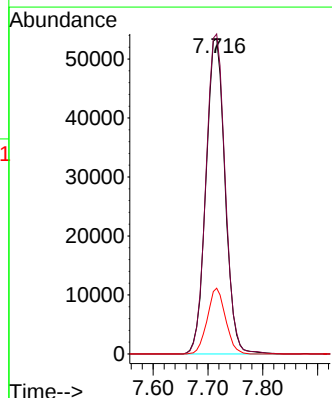
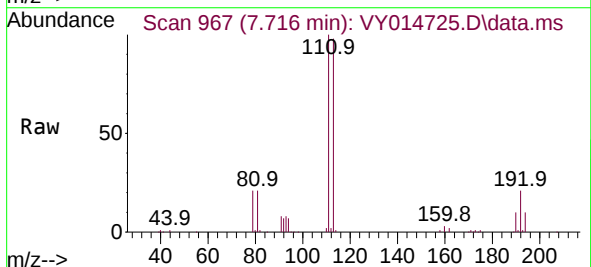
Tgt Ion:113 Resp: 128801

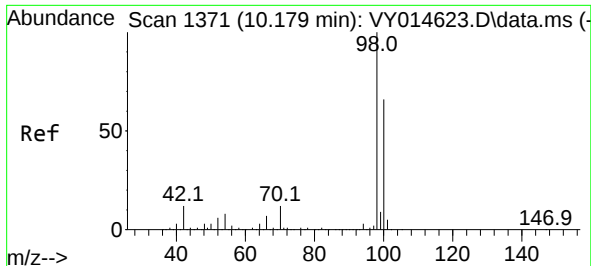
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 19.9 16.9 25.3

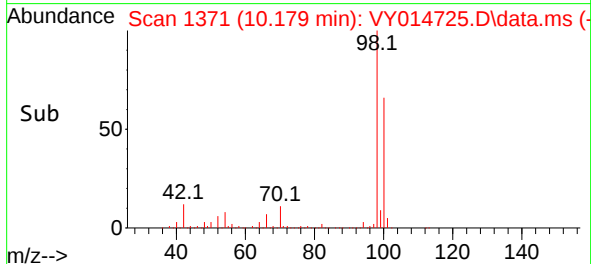
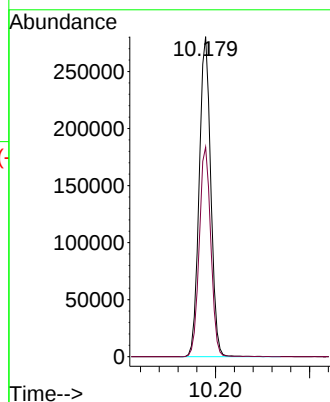
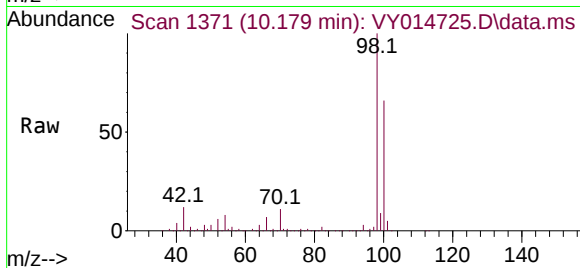




#50
Toluene-d8
Concen: 50.514 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

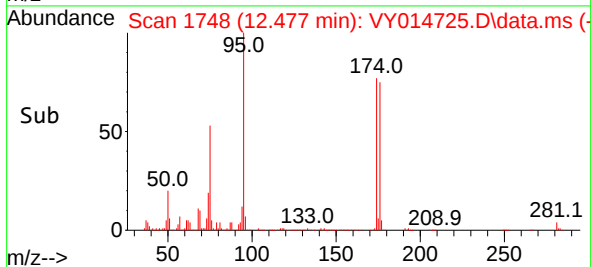
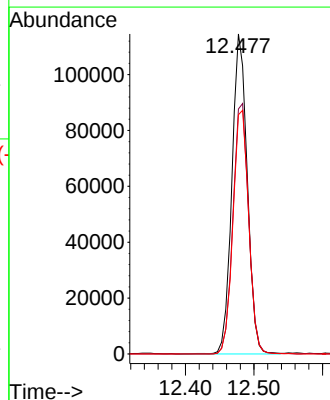
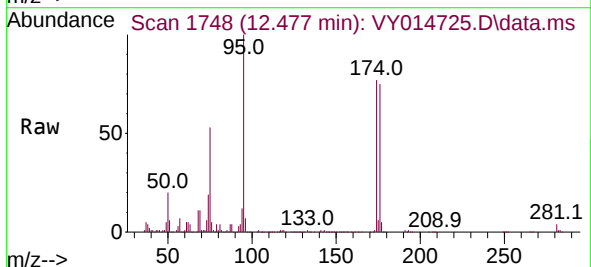
Instrument :
MSVOA_Y
ClientSampleId :
WO-8

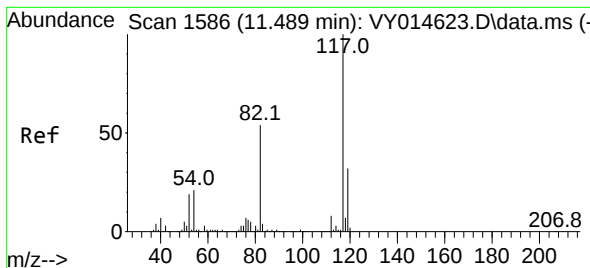
Tgt Ion: 98 Resp: 479864
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.001 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014725.D
Acq: 20 Jul 2023 16:51

Tgt Ion: 95 Resp: 178485
Ion Ratio Lower Upper
95 100
174 79.9 0.0 178.2
176 78.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014725.D

Acq: 20 Jul 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

WO-8

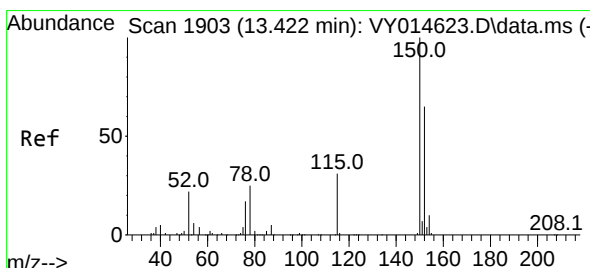
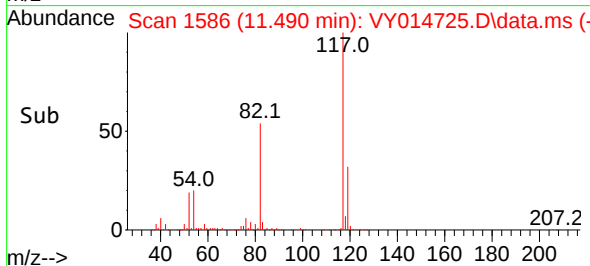
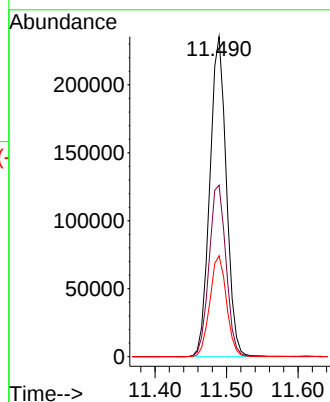
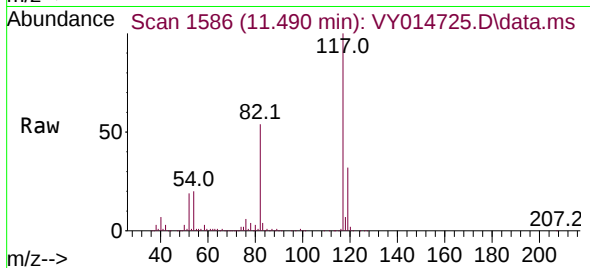
Tgt Ion:117 Resp: 378098

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 31.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014725.D

Acq: 20 Jul 2023 16:51

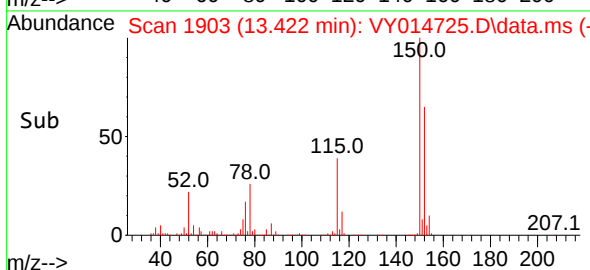
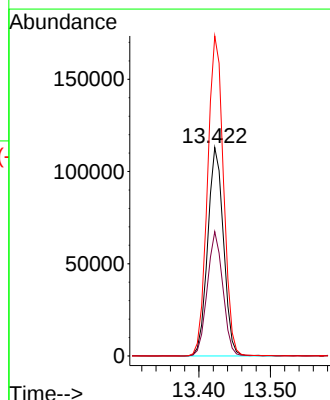
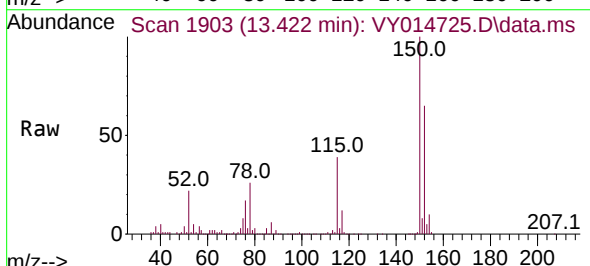
Tgt Ion:152 Resp: 173236

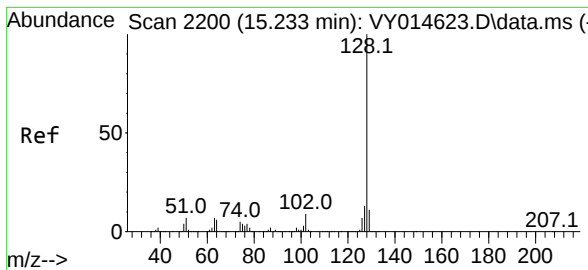
Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 155.5 0.0 348.8





#95
 Naphthalene
 Concen: 6.731 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY014725.D
 Acq: 20 Jul 2023 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 WO-8

Tgt Ion:	128	Resp:	54961
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.8	16.2
129	10.8	8.6	13.0

