

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014545.D
 Acq On : 03 Jul 2023 19:07
 Operator : KP/MD
 Sample : 03497-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-2-063023

Quant Time: Jul 04 03:05:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	23445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	34809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	32338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12967	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	13893	59.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.140%
35) Dibromofluoromethane	7.716	113	12406	57.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.760%
50) Toluene-d8	10.179	98	40087	47.307	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.477	95	12053	40.963	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.920%

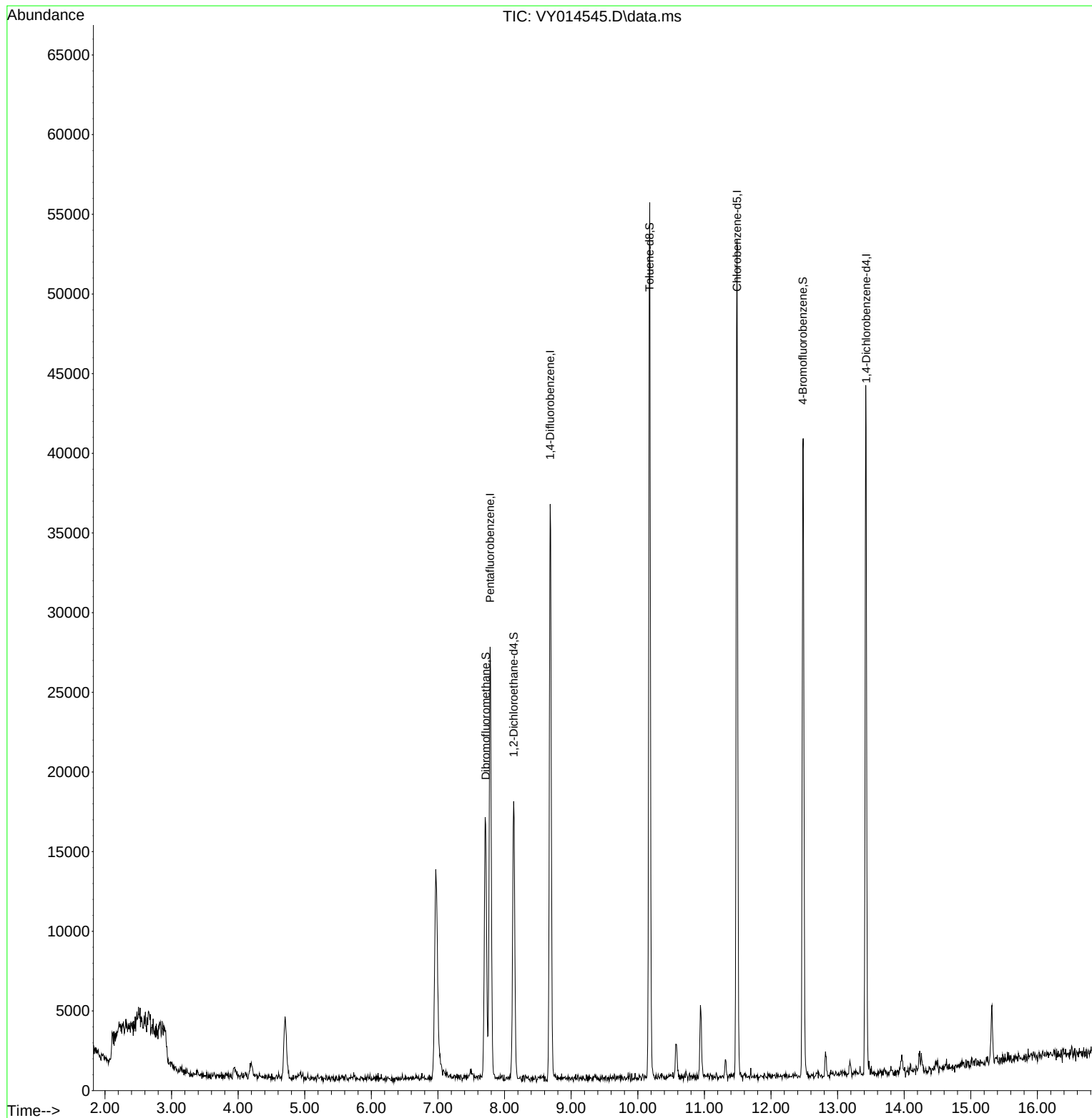
Target Compounds	Qvalue

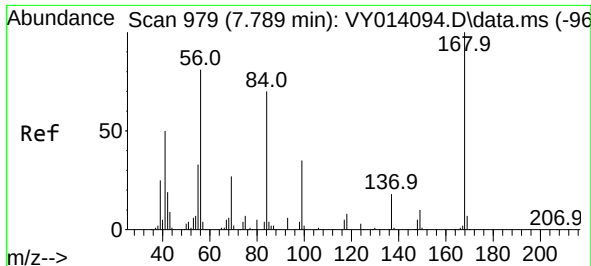
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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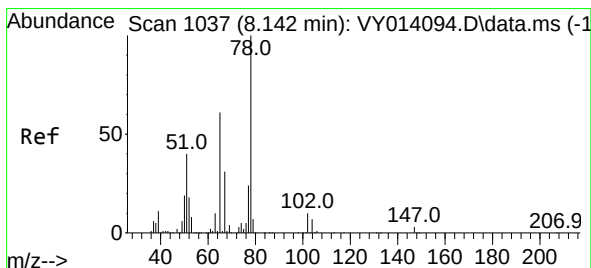
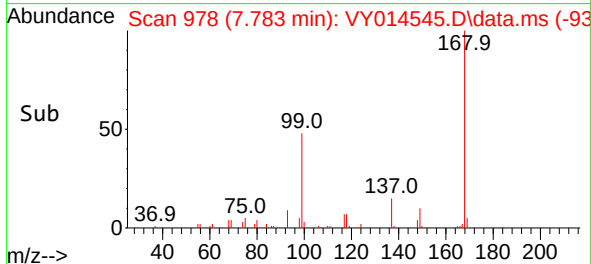
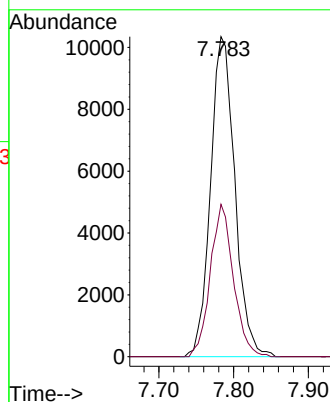
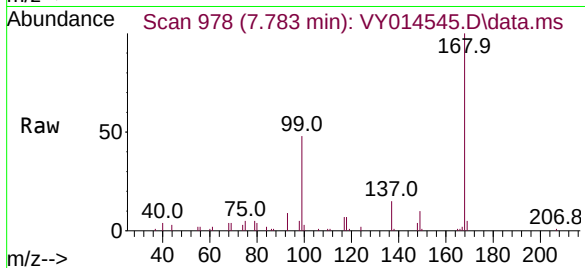




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014545.D
Acq: 03 Jul 2023 19:07

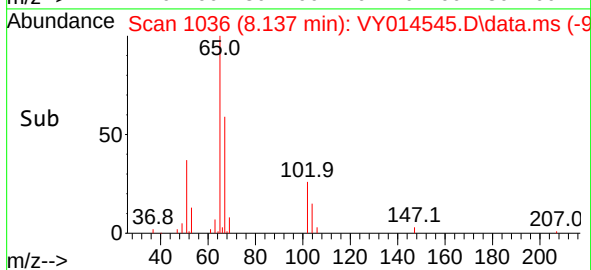
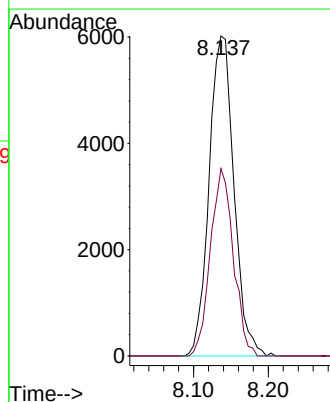
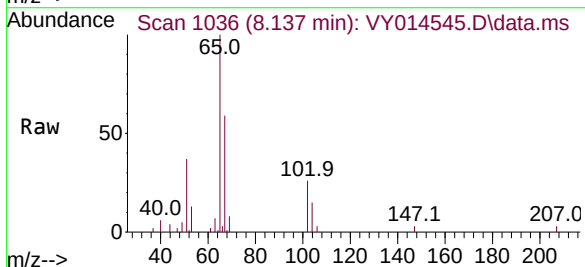
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-063023

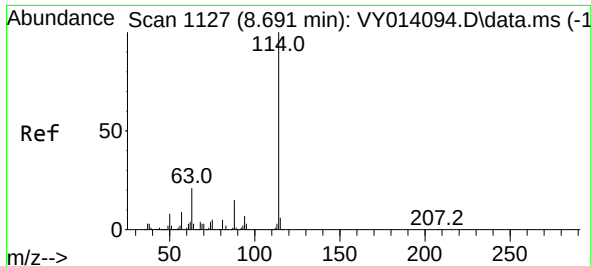
Tgt Ion:168 Resp: 23445
Ion Ratio Lower Upper
168 100
99 47.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.569 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014545.D
Acq: 03 Jul 2023 19:07

Tgt Ion: 65 Resp: 13893
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014545.D

Acq: 03 Jul 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

OK-2-063023

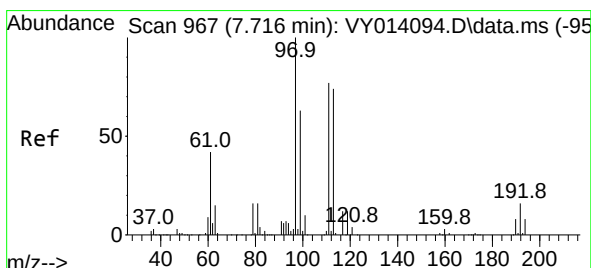
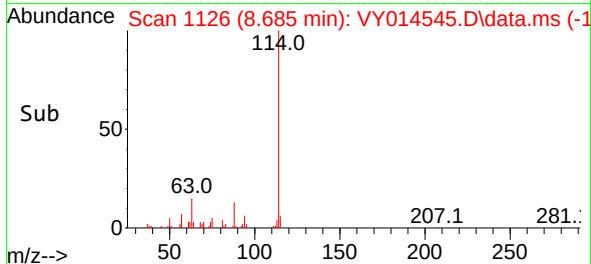
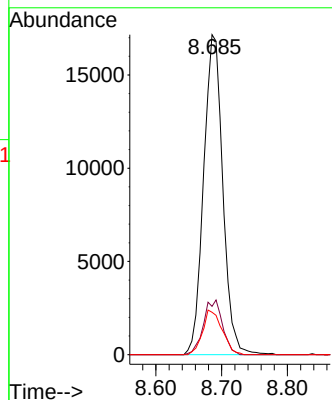
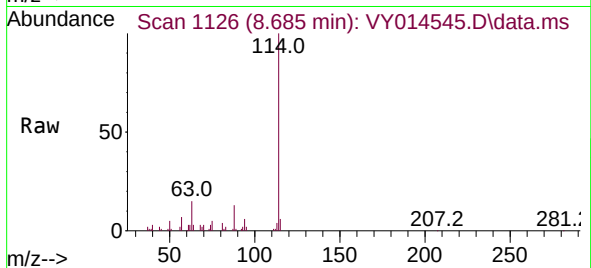
Tgt Ion:114 Resp: 34809

Ion Ratio Lower Upper

114 100

63 15.1 0.0 42.4

88 13.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.876 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014545.D

Acq: 03 Jul 2023 19:07

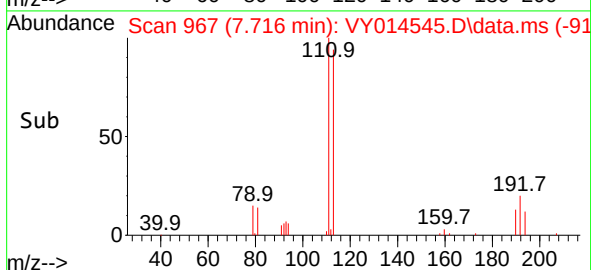
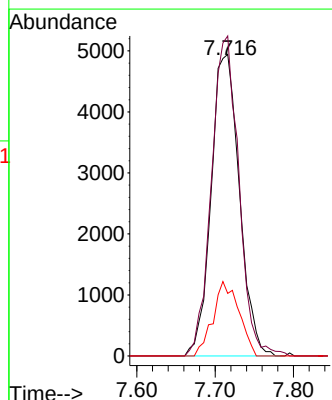
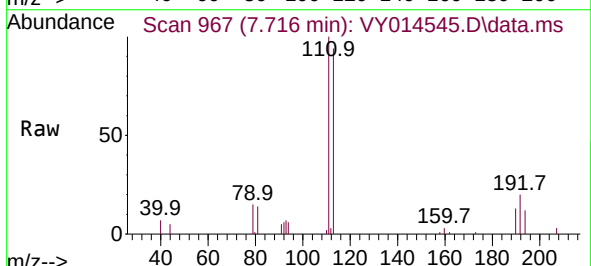
Tgt Ion:113 Resp: 12406

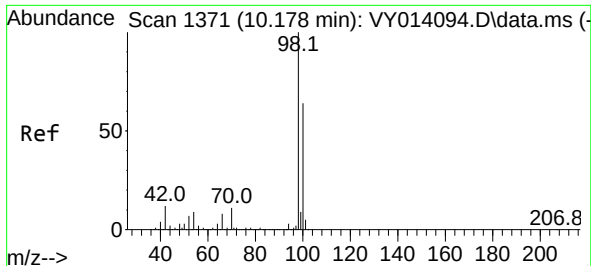
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 22.6 16.9 25.3

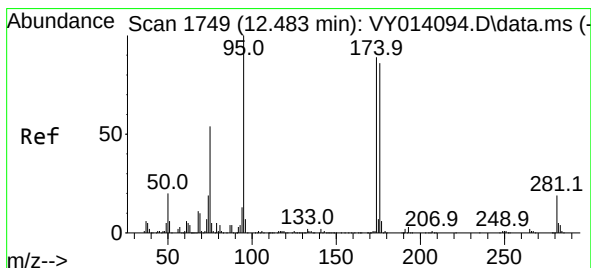
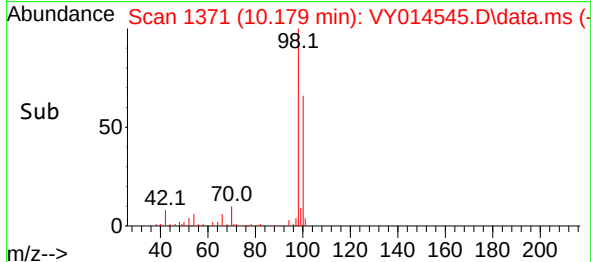
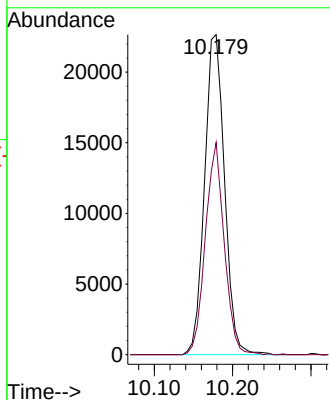
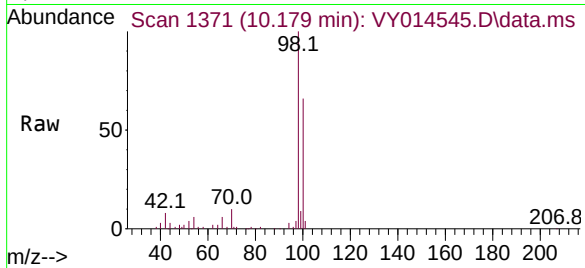




#50
Toluene-d8
Concen: 47.307 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014545.D
Acq: 03 Jul 2023 19:07

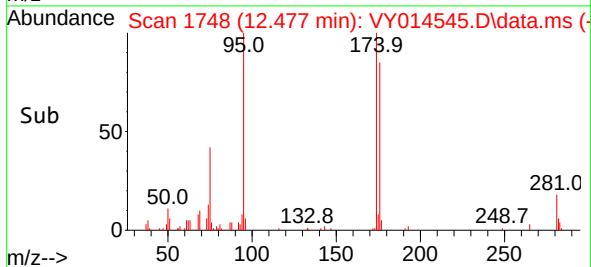
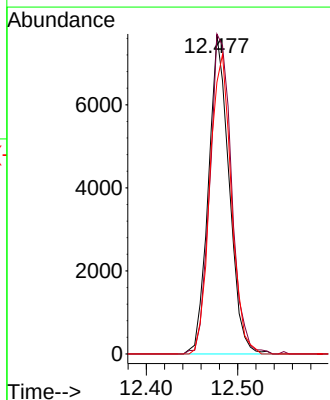
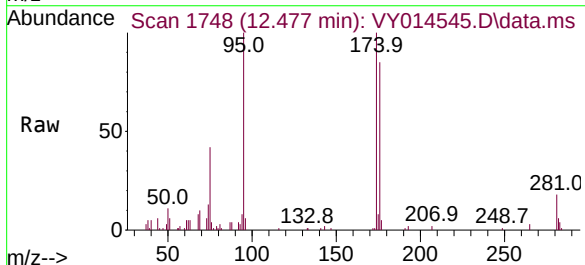
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-063023

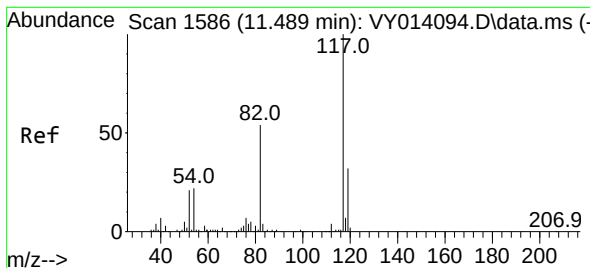
Tgt Ion: 98 Resp: 40087
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.963 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014545.D
Acq: 03 Jul 2023 19:07

Tgt Ion: 95 Resp: 12053
Ion Ratio Lower Upper
95 100
174 105.2 0.0 178.2
176 97.4 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: VY014545.D

Acq: 03 Jul 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

OK-2-063023

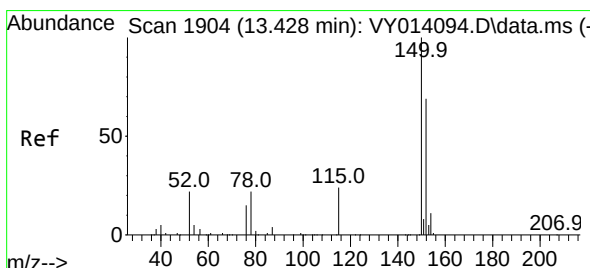
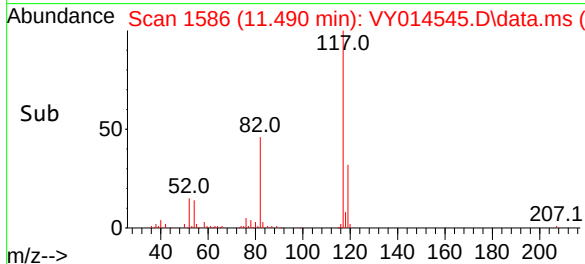
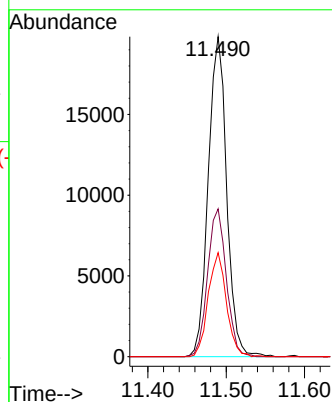
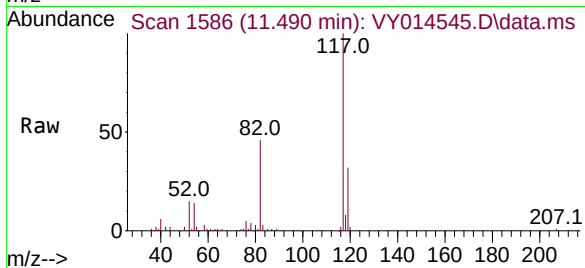
Tgt Ion:117 Resp: 32338

Ion Ratio Lower Upper

117 100

82 46.2 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014545.D

Acq: 03 Jul 2023 19:07

Tgt Ion:152 Resp: 12967

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 157.7 0.0 348.8

