

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014135.D
 Acq On : 13 Jun 2023 13:32
 Operator : KP/MD
 Sample : 03114-01
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARION-SOIL-0609

Quant Time: Jun 14 01:34:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	157513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	273608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140188	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106074	48.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.720%
35) Dibromofluoromethane	7.716	113	92878	47.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.740%
50) Toluene-d8	10.179	98	337770	46.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.477	95	121581	47.181	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.360%

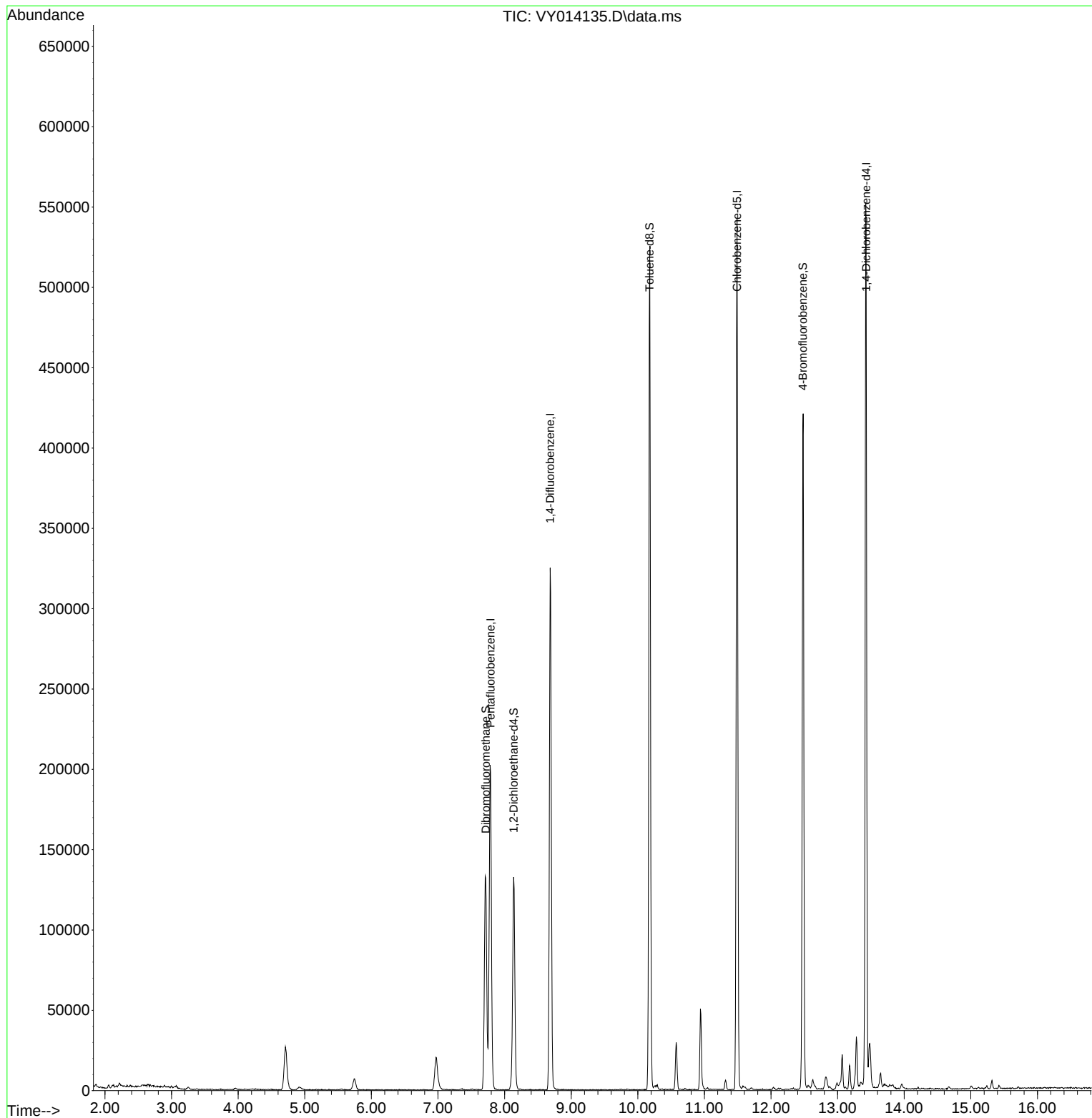
Target Compounds	Qvalue

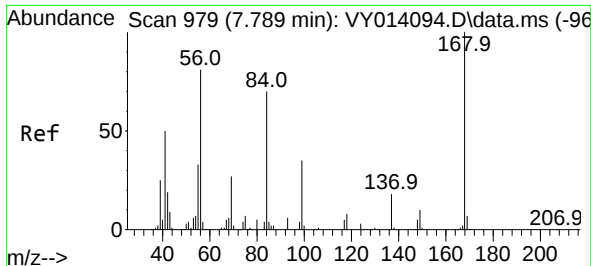
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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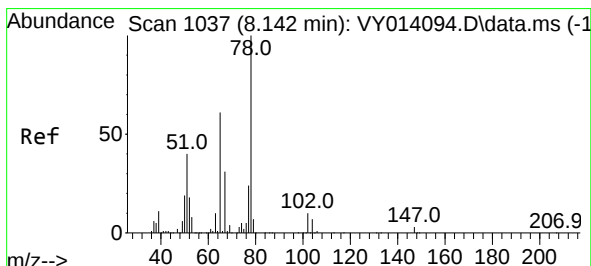
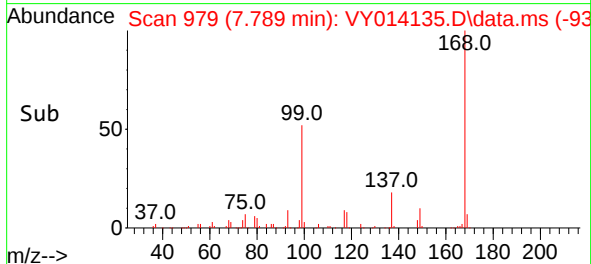
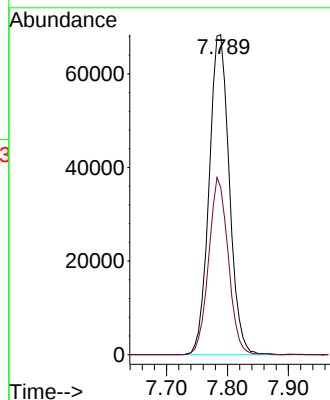
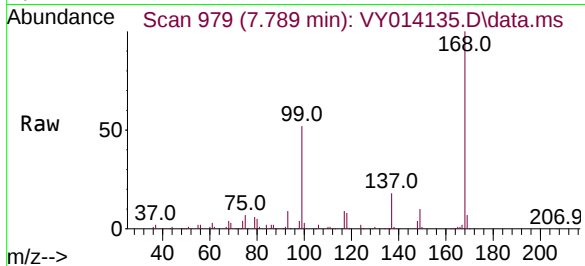




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014135.D
Acq: 13 Jun 2023 13:32

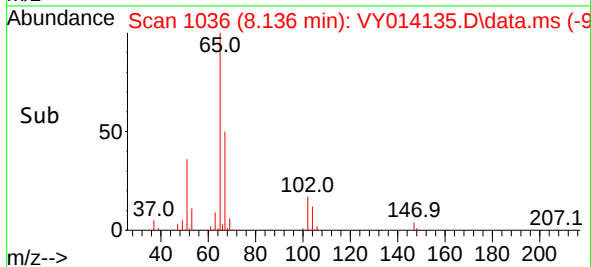
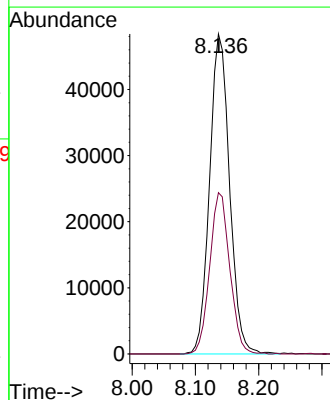
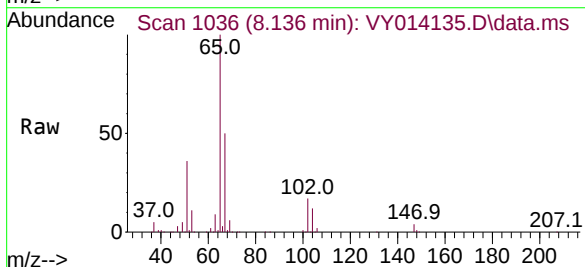
Instrument :
MSVOA_Y
ClientSampleId :
MARION-SOIL-0609

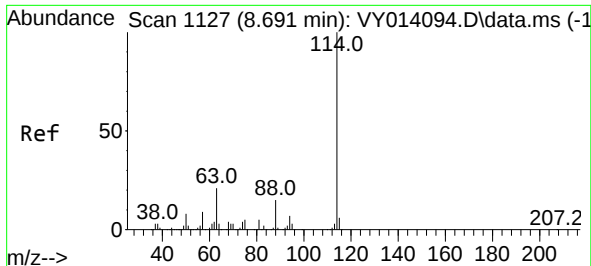
Tgt Ion:168 Resp: 157513
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.361 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014135.D
Acq: 13 Jun 2023 13:32

Tgt Ion: 65 Resp: 106074
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

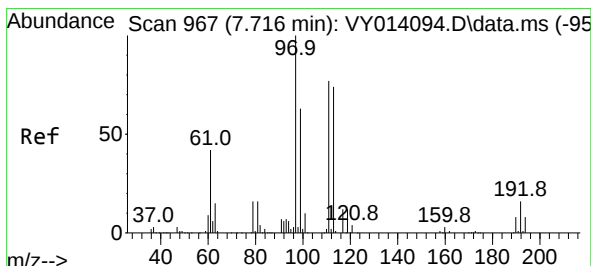
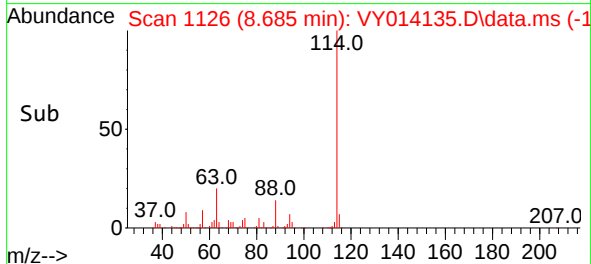
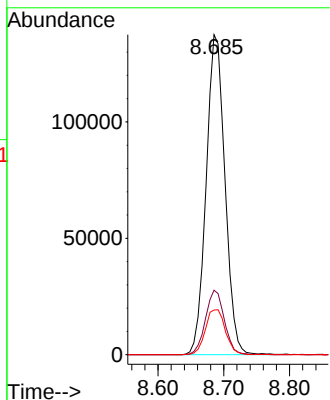
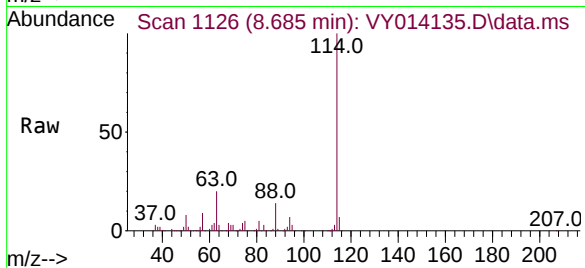




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014135.D
Acq: 13 Jun 2023 13:32

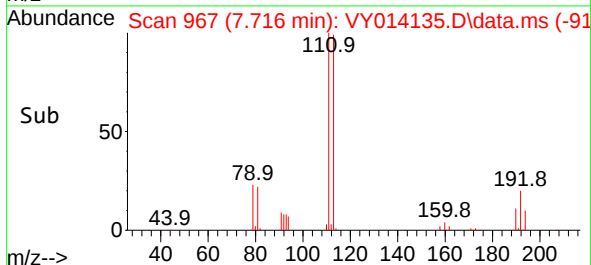
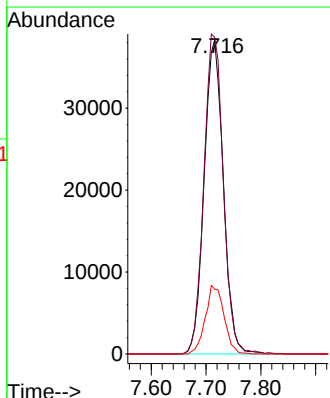
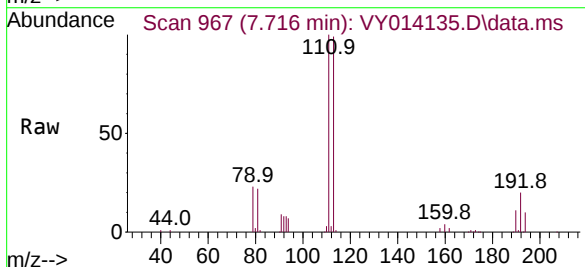
Instrument :
MSVOA_Y
ClientSampleId :
MARION-SOIL-0609

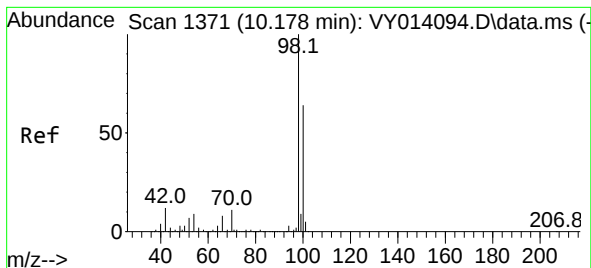
Tgt Ion:	114	Resp:	273608
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.4
88	13.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 47.866 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014135.D
Acq: 13 Jun 2023 13:32

Tgt Ion:	113	Resp:	92878
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	21.2	16.9	25.3





#50

Toluene-d8

Concen: 46.562 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014135.D

Acq: 13 Jun 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

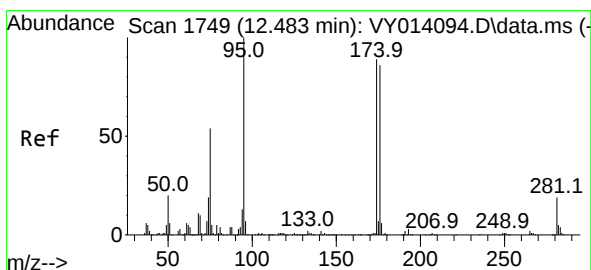
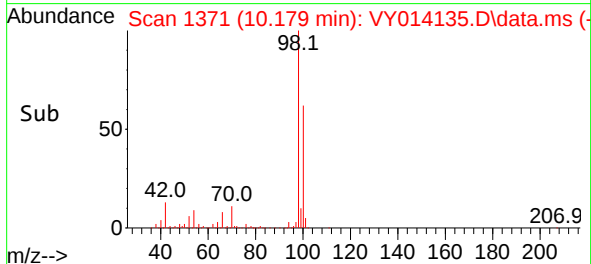
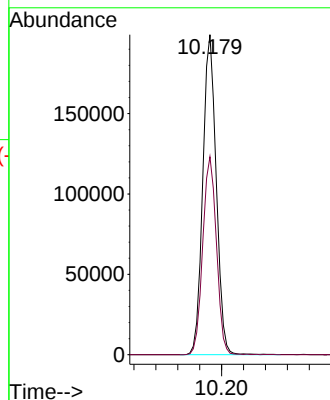
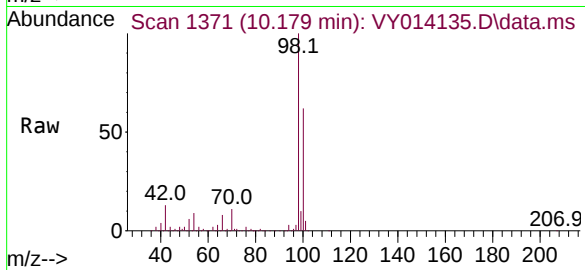
MARION-SOIL-0609

Tgt Ion: 98 Resp: 337770

Ion Ratio Lower Upper

98 100

100 63.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 47.181 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014135.D

Acq: 13 Jun 2023 13:32

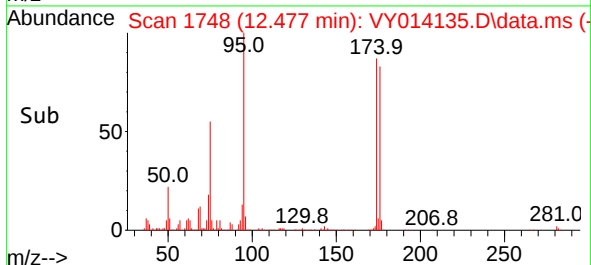
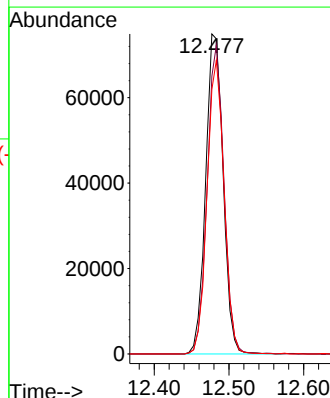
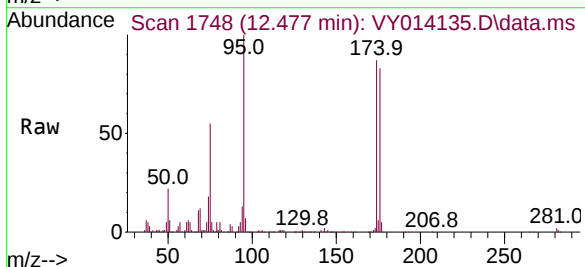
Tgt Ion: 95 Resp: 121581

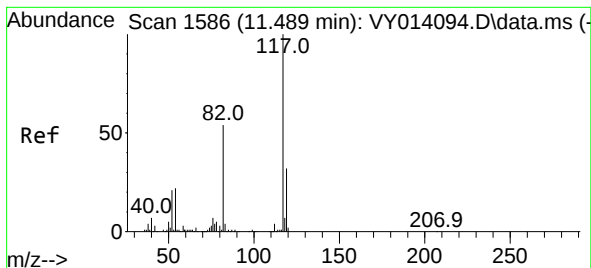
Ion Ratio Lower Upper

95 100

174 93.0 0.0 178.2

176 89.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014135.D

Acq: 13 Jun 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

MARION-SOIL-0609

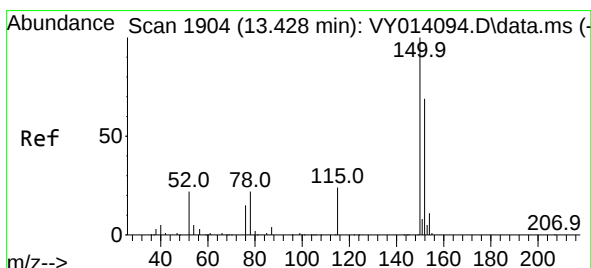
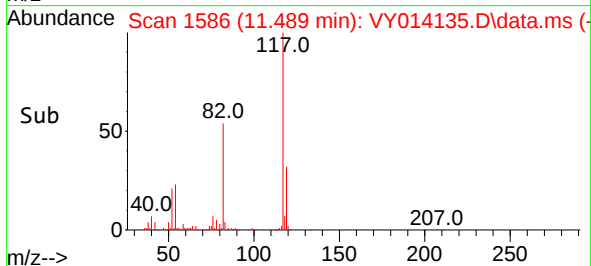
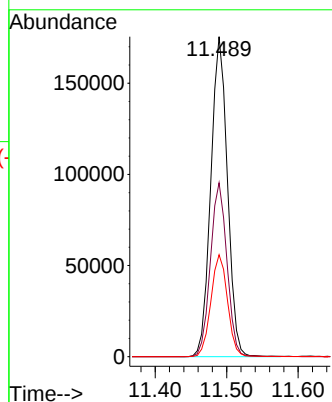
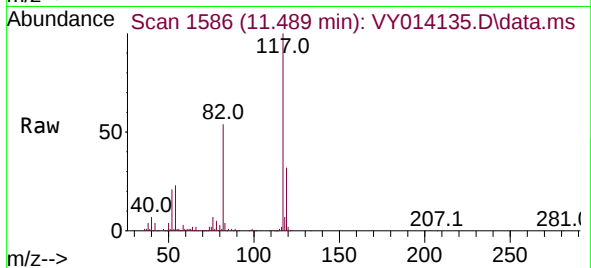
Tgt Ion:117 Resp: 283506

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 31.8 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: VY014135.D

Acq: 13 Jun 2023 13:32

Tgt Ion:152 Resp: 140188

Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 155.5 0.0 348.8

