

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010466.D
 Acq On : 13 Sep 2022 18:06
 Operator : KP/MD
 Sample : N4509-07
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_PW002-20220902

Quant Time: Sep 14 05:26:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	197856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72421	36.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.680%
35) Dibromofluoromethane	7.710	113	75849	34.216	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.440%
50) Toluene-d8	10.173	98	365791	50.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.820%
62) 4-Bromofluorobenzene	12.477	95	102361	33.971	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.940%

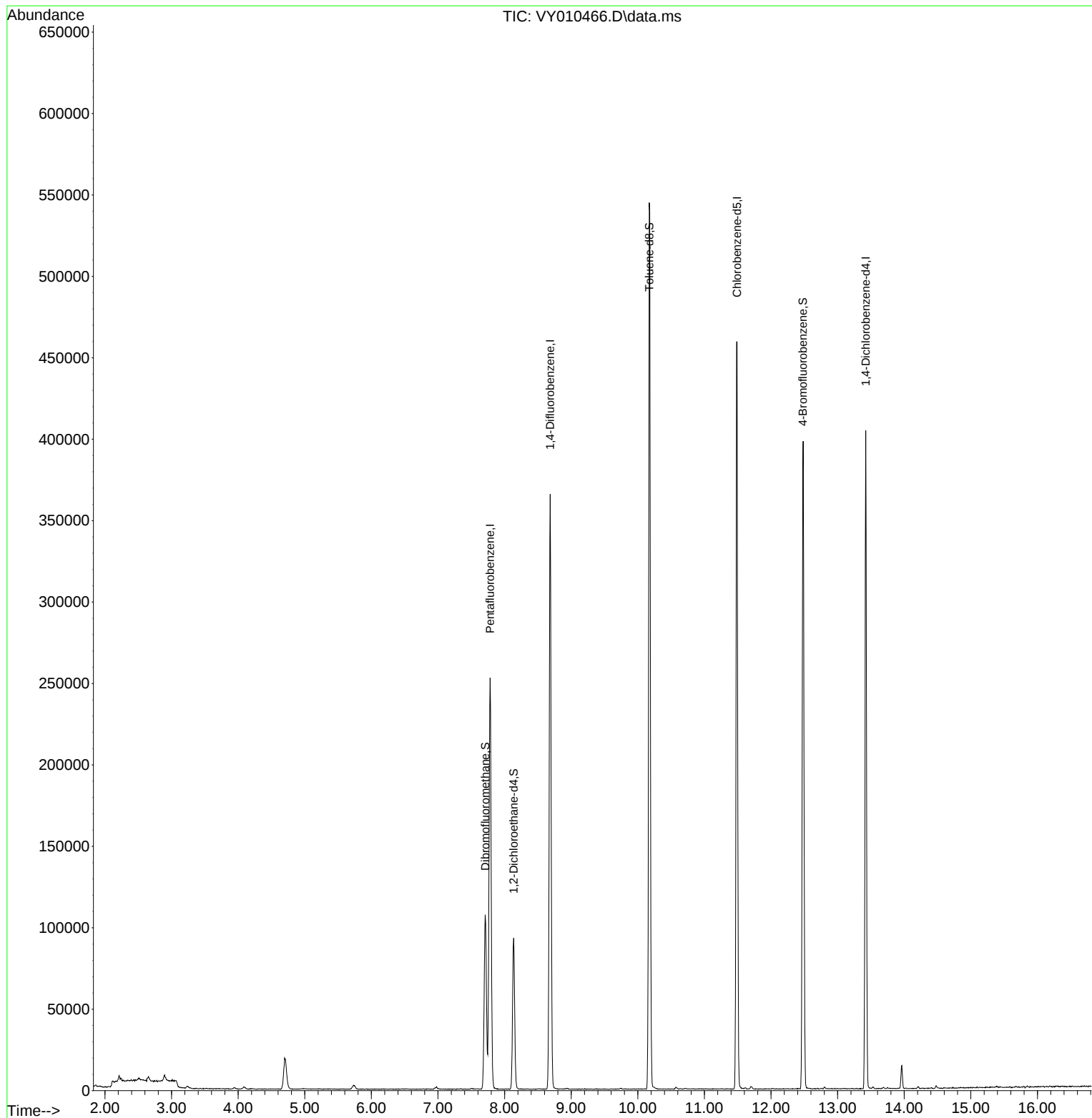
Target Compounds	Qvalue

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

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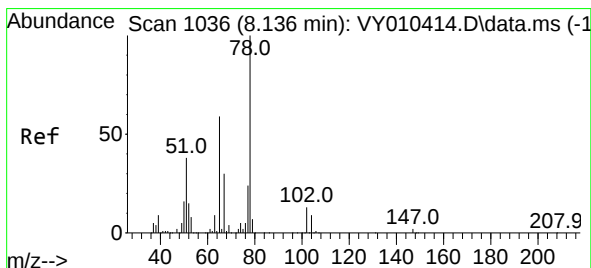
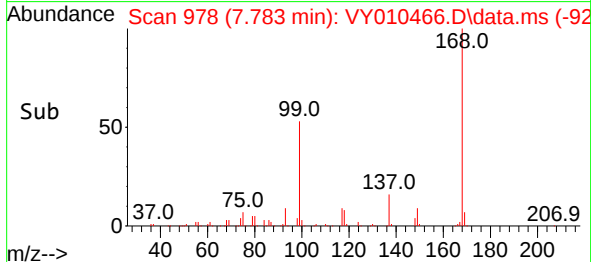
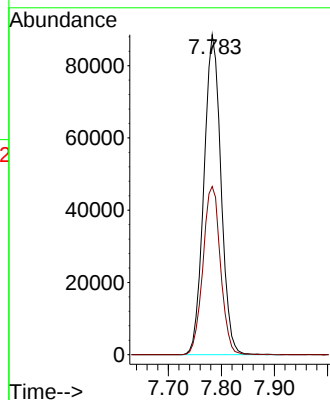
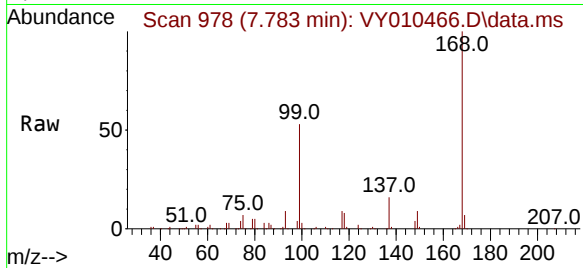




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010466.D
Acq: 13 Sep 2022 18:06

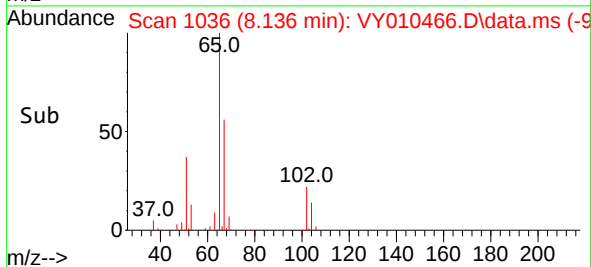
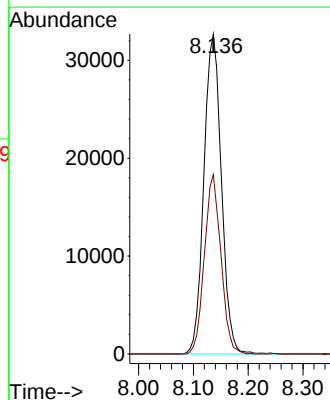
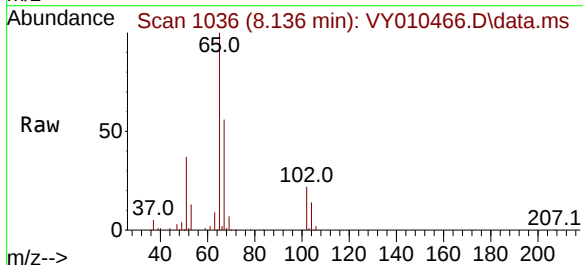
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MSVOA_Y
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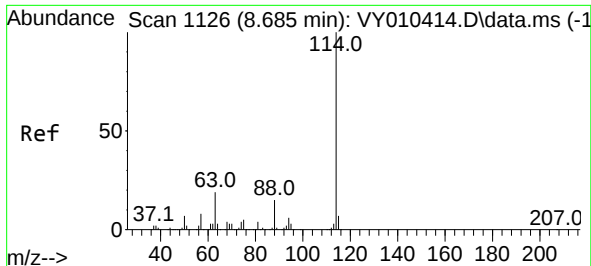
Tgt Ion:168 Resp: 197856
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 36.343 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010466.D
Acq: 13 Sep 2022 18:06

Tgt Ion: 65 Resp: 72421
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

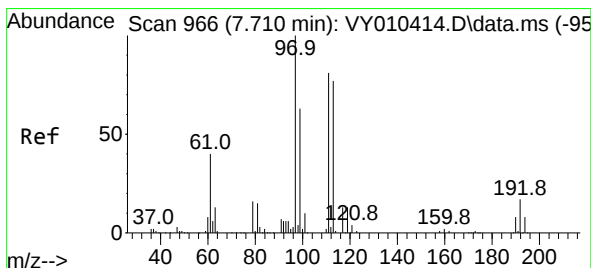
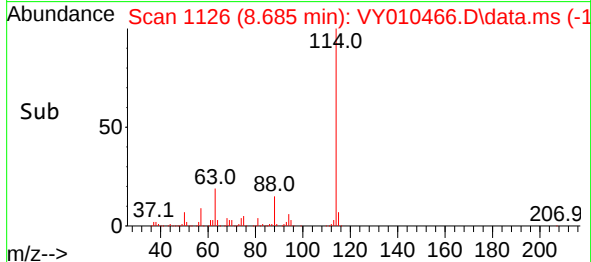
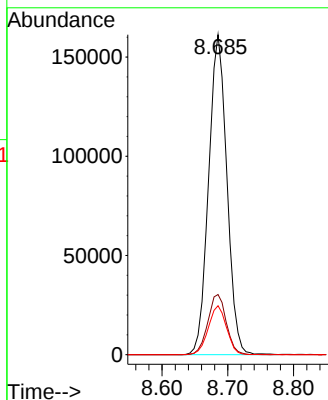
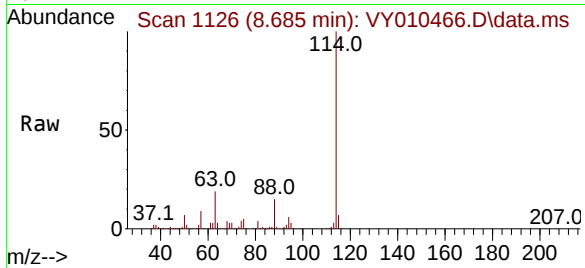




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010466.D
Acq: 13 Sep 2022 18:06

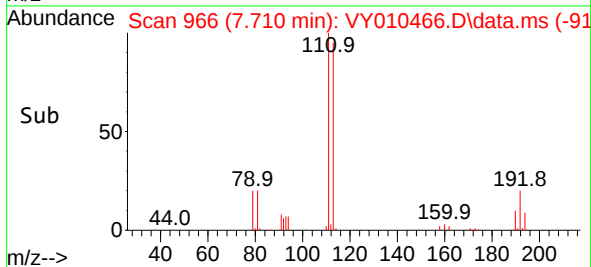
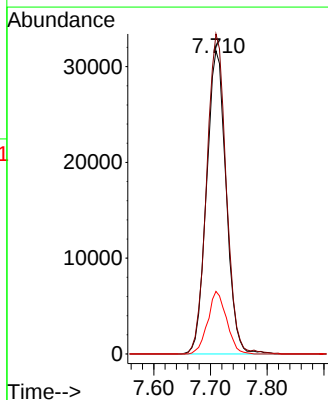
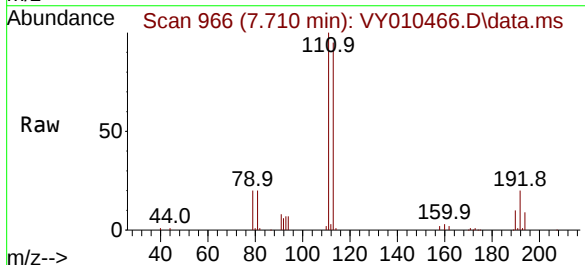
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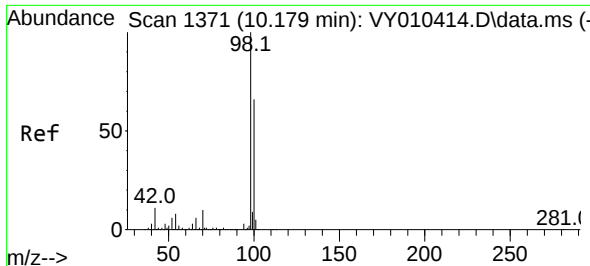
Tgt Ion:	114	Resp:	312134
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	43.2
88	15.3	0.0	31.8



#35
Dibromofluoromethane
Concen: 34.216 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010466.D
Acq: 13 Sep 2022 18:06

Tgt Ion:	113	Resp:	75849
Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.6	124.0
192	19.9	17.6	26.4

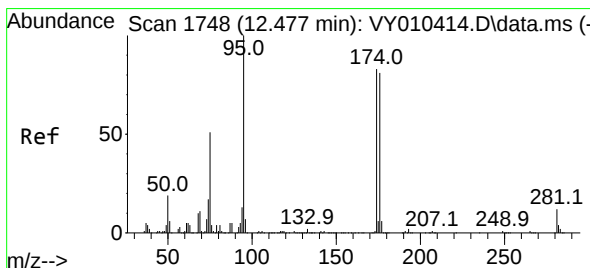
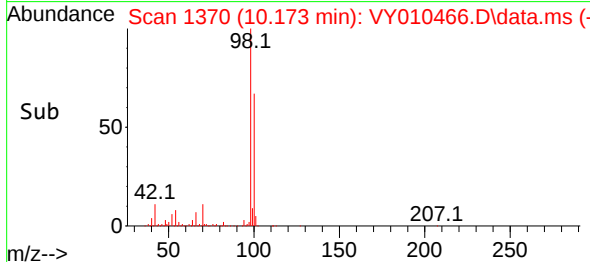
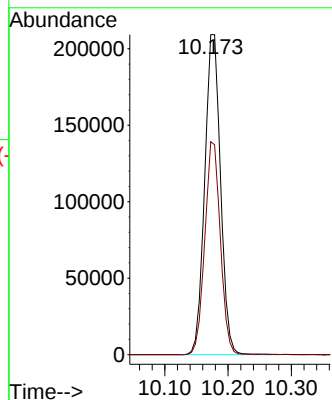
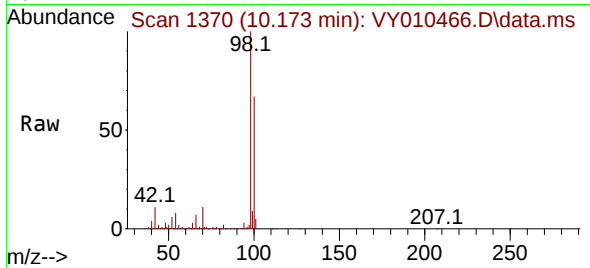




#50
Toluene-d8
Concen: 50.914 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010466.D
Acq: 13 Sep 2022 18:06

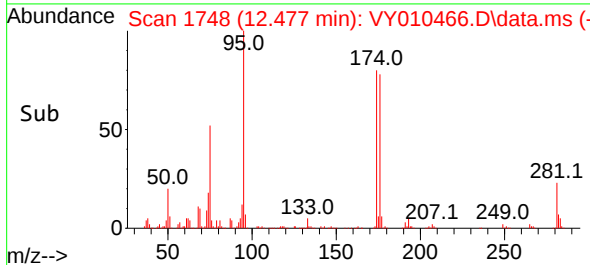
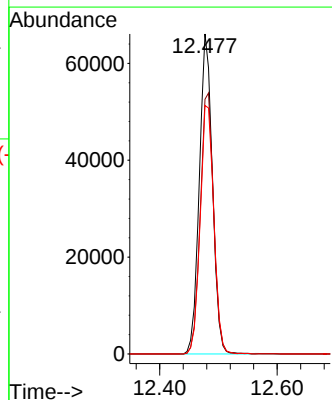
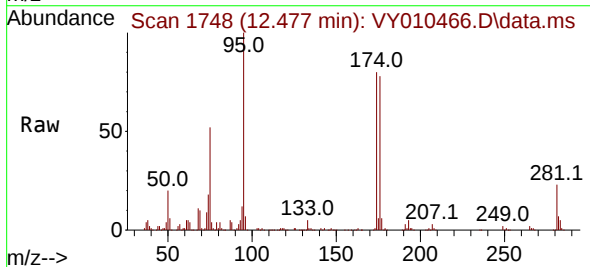
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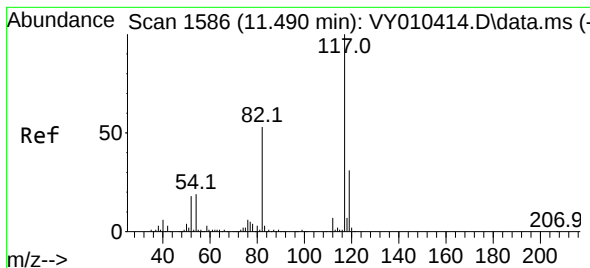
Tgt Ion: 98 Resp: 365791
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.971 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010466.D
Acq: 13 Sep 2022 18:06

Tgt Ion: 95 Resp: 102361
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 80.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010466.D

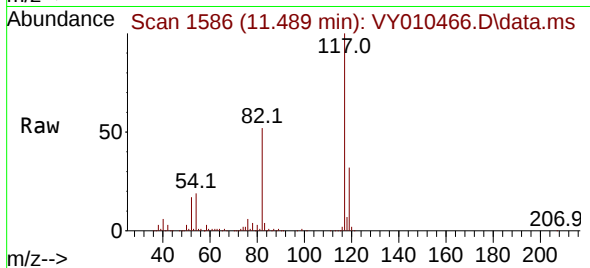
Acq: 13 Sep 2022 18:06

Instrument :

MSVOA_Y

ClientSampleId :

S1-SO_PW002-20220902



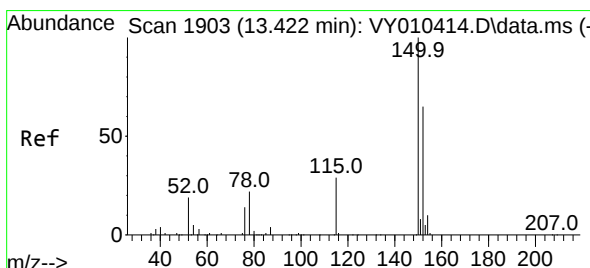
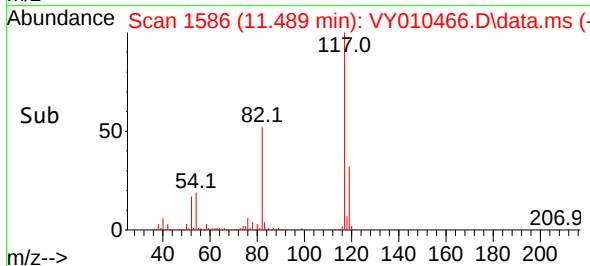
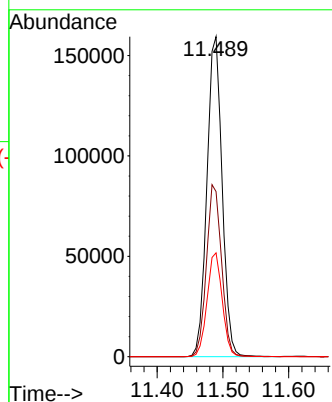
Tgt Ion:117 Resp: 256263

Ion Ratio Lower Upper

117 100

82 51.6 43.0 64.4

119 32.4 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: VY010466.D

Acq: 13 Sep 2022 18:06

Tgt Ion:152 Resp: 102270

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 155.4 0.0 347.6

