

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010518.D
 Acq On : 15 Sep 2022 18:00
 Operator : KP/MD
 Sample : N4509-08
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_UNK-20220902

Quant Time: Sep 16 02:57:10 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	202091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112533	55.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.580%
35) Dibromofluoromethane	7.716	113	107743	43.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.840%
50) Toluene-d8	10.178	98	405516	51.000	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.477	95	128517	39.482	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.960%

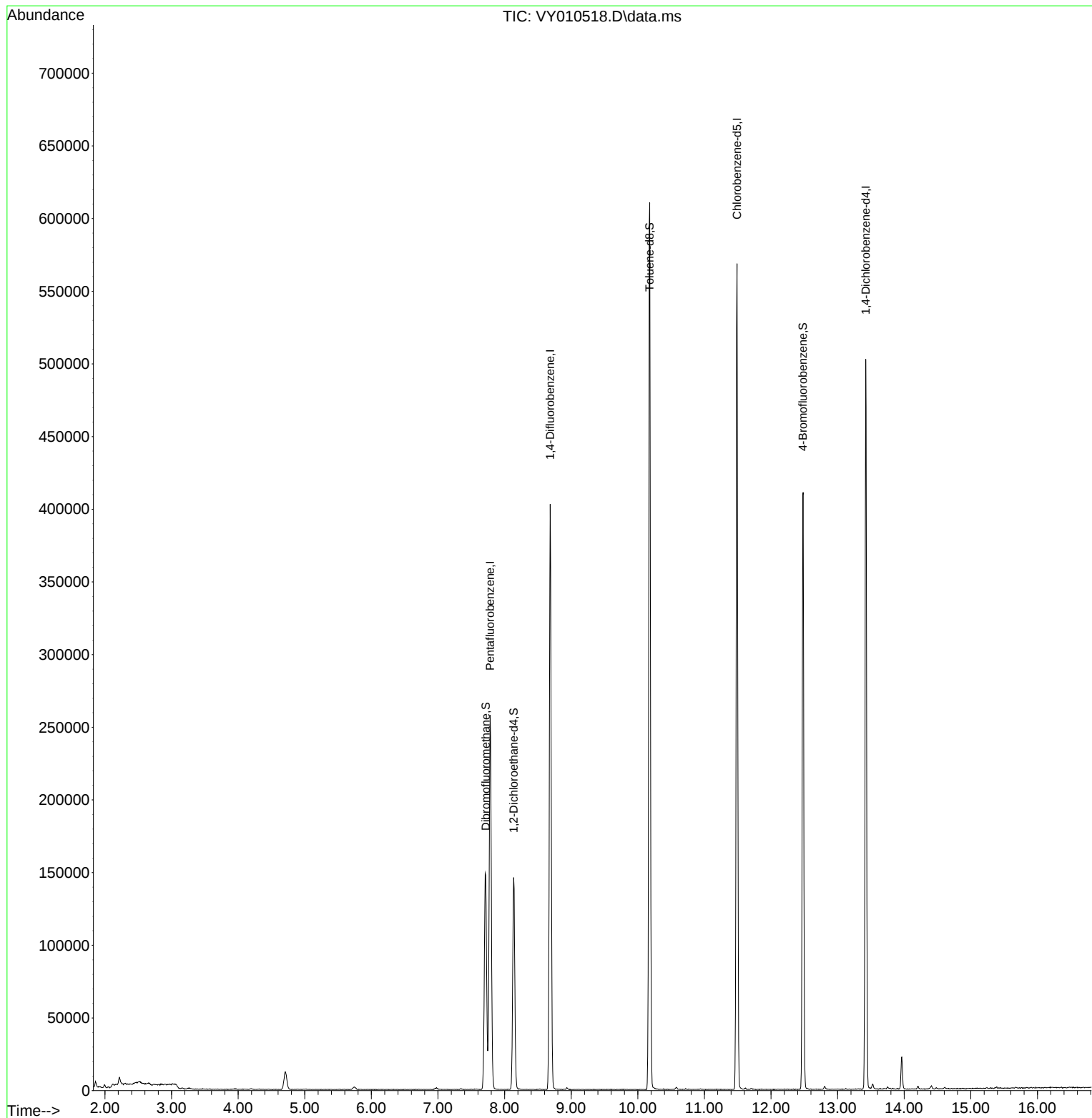
Target Compounds	Qvalue

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

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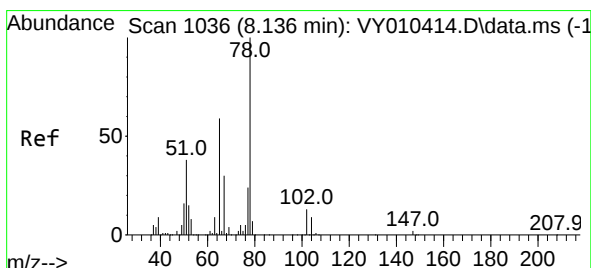
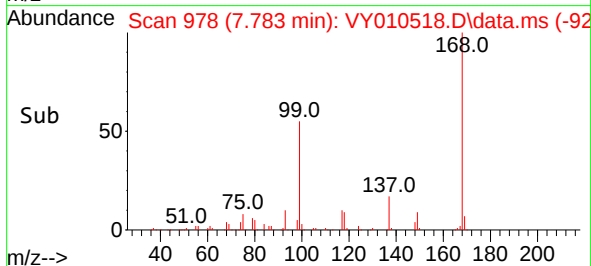
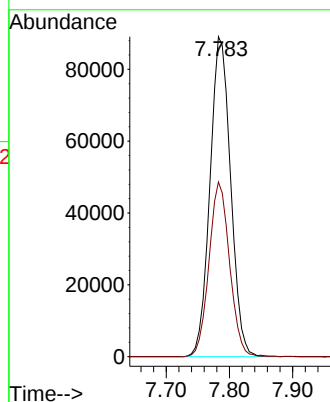
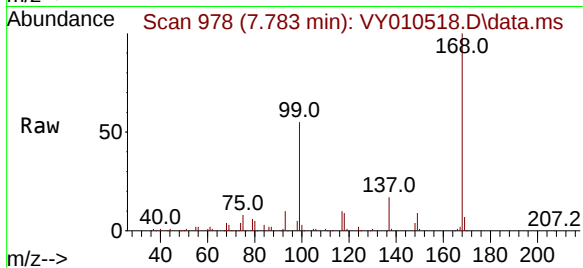




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

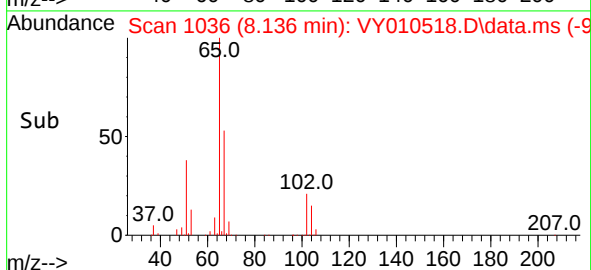
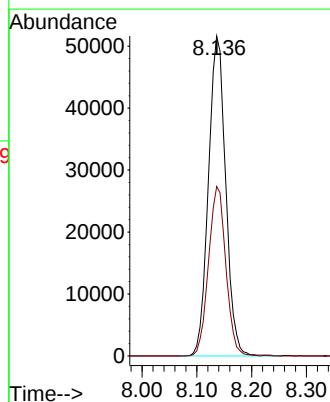
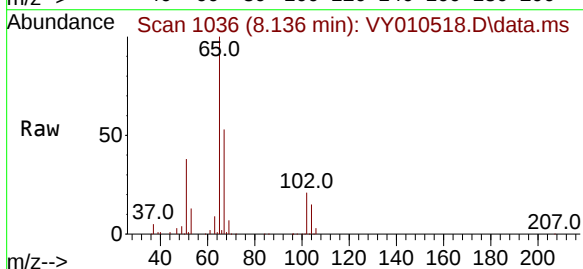
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_UNK-20220902

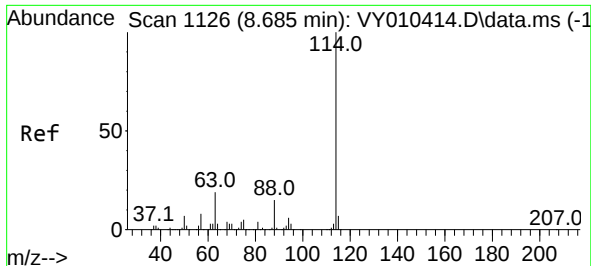
Tgt Ion:168 Resp: 202091
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.288 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

Tgt Ion: 65 Resp: 112533
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4

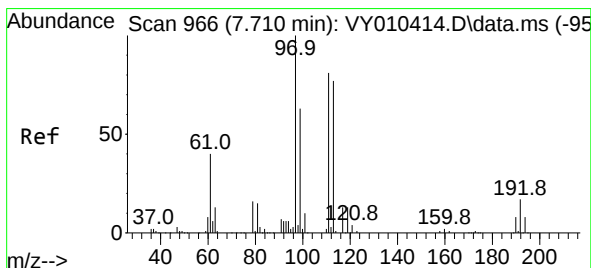
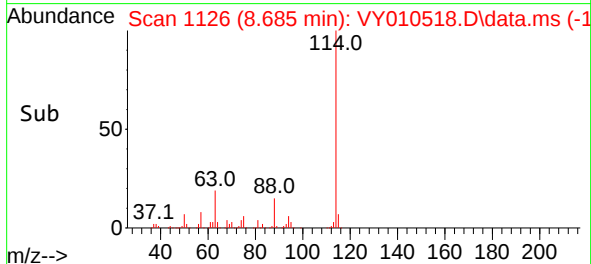
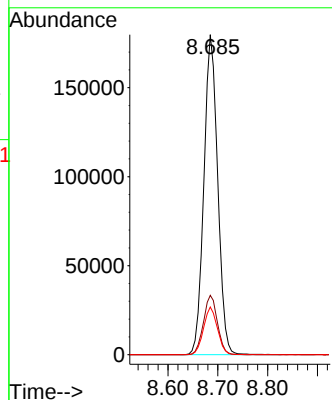
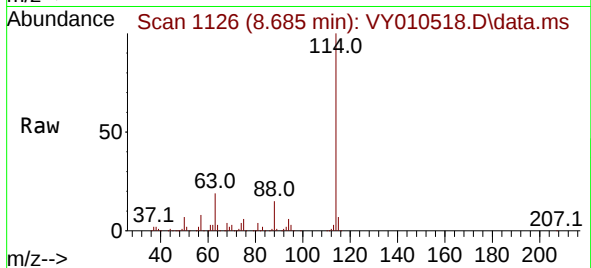




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

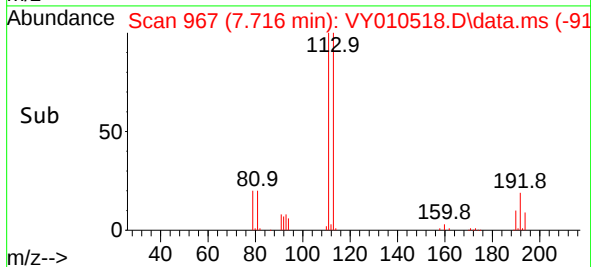
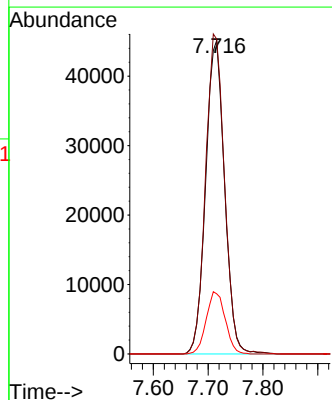
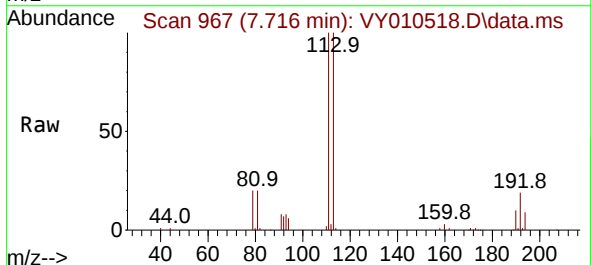
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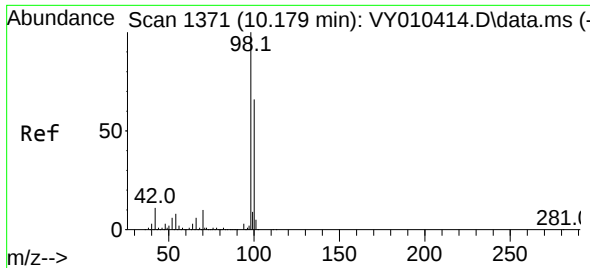
Tgt Ion:	114	Resp:	345445
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 43.916 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

Tgt Ion:	113	Resp:	107743
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	19.9	17.6	26.4

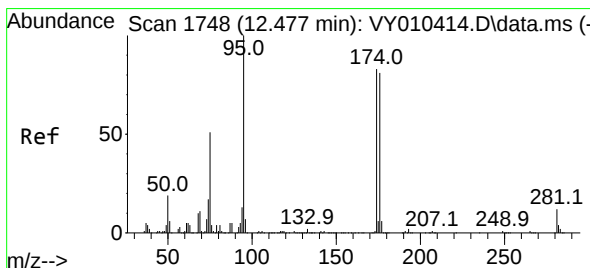
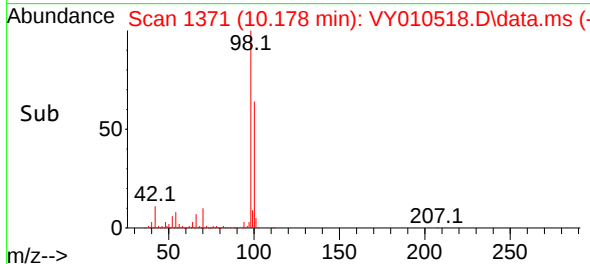
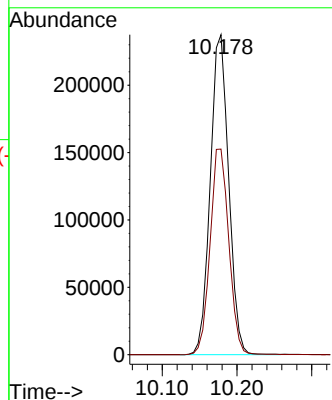
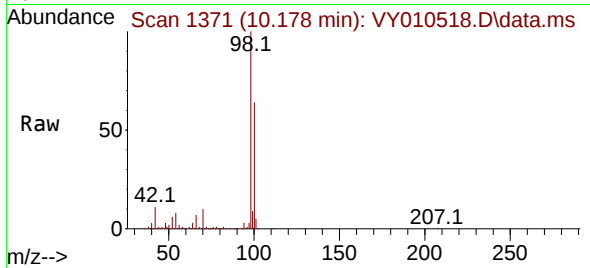




#50
Toluene-d8
Concen: 51.000 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

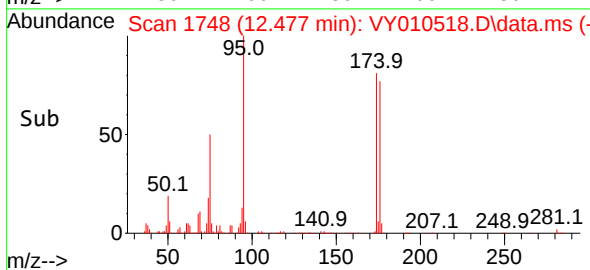
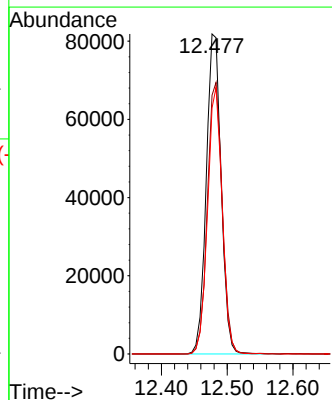
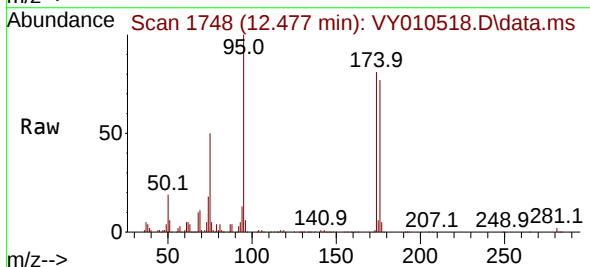
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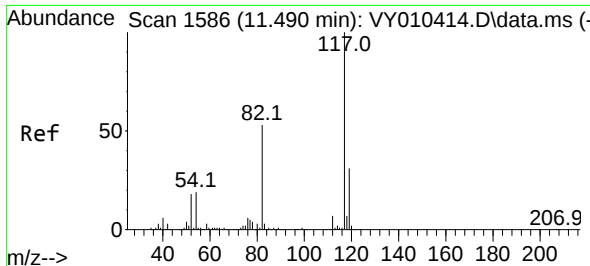
Tgt Ion: 98 Resp: 405516
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.482 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010518.D
Acq: 15 Sep 2022 18:00

Tgt Ion: 95 Resp: 128517
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.8 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: VY010518.D

Acq: 15 Sep 2022 18:00

Instrument :

MSVOA_Y

ClientSampleId :

S1-SO_UNK-20220902

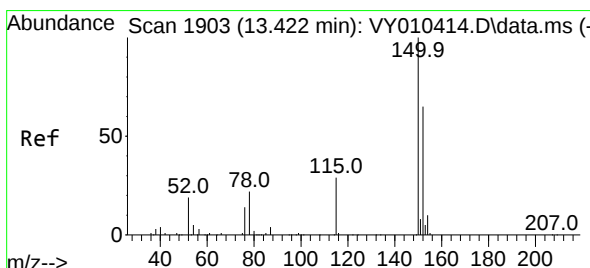
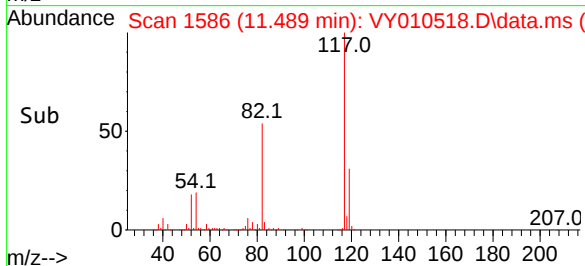
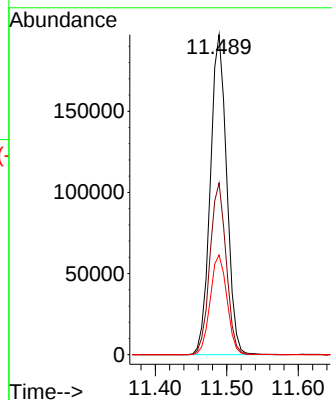
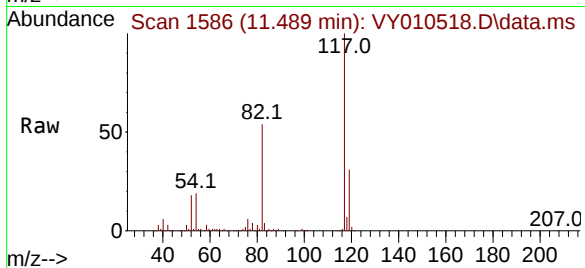
Tgt Ion:117 Resp: 313980

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 31.2 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: VY010518.D

Acq: 15 Sep 2022 18:00

Tgt Ion:152 Resp: 129604

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 159.5 0.0 347.6

