

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010483.D
 Acq On : 14 Sep 2022 14:50
 Operator : KP/MD
 Sample : N4578-03
 Misc : 3.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-1

Quant Time: Sep 15 01:10:04 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	180732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	314034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105279	57.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.680%
35) Dibromofluoromethane	7.716	113	98116	43.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.980%
50) Toluene-d8	10.179	98	375704	51.977	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.960%
62) 4-Bromofluorobenzene	12.477	95	126091	43.168	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.340%

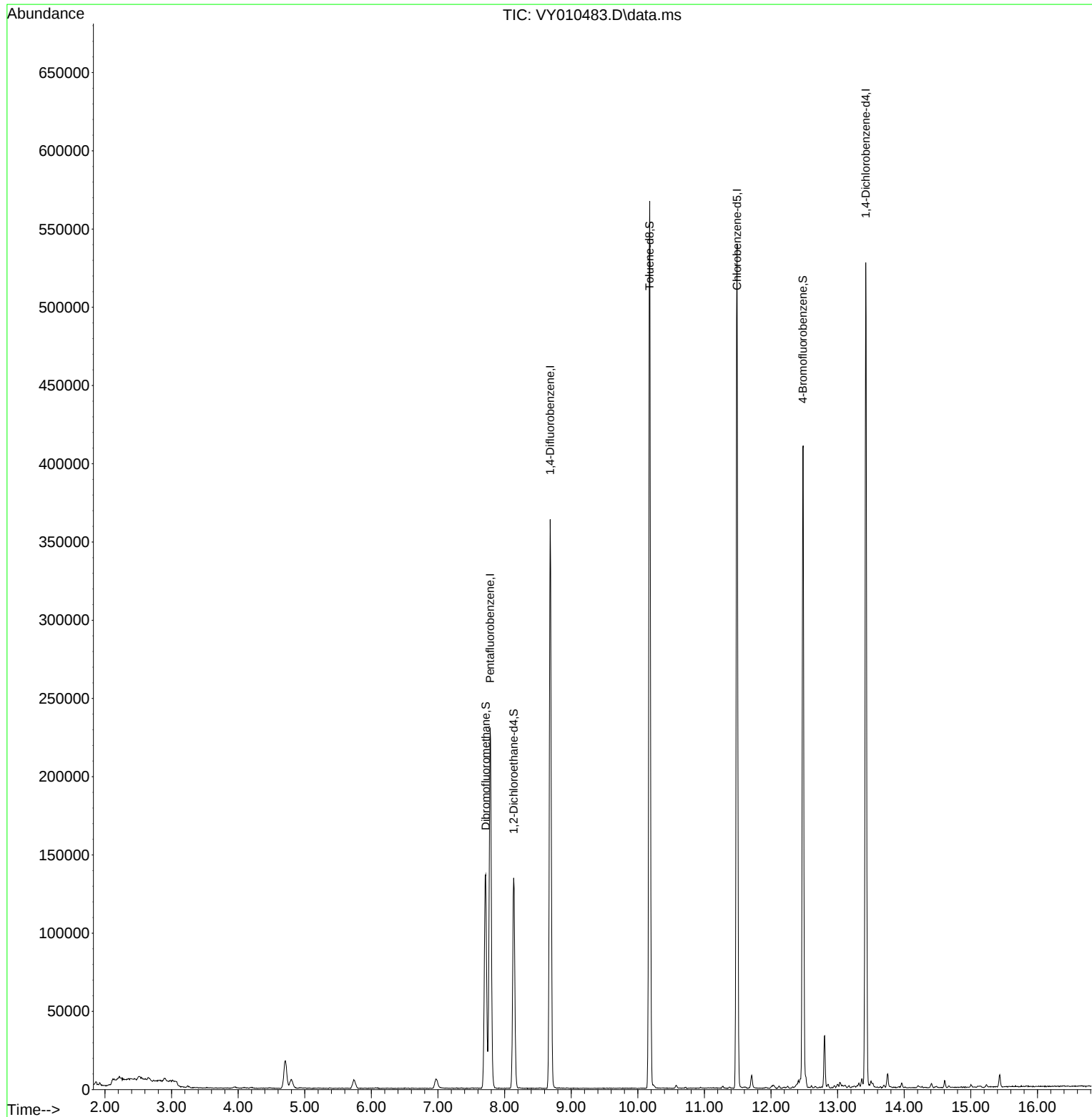
Target Compounds	Qvalue

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

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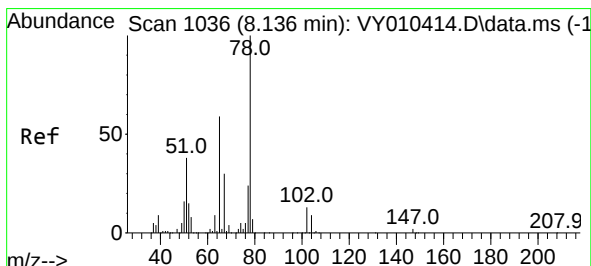
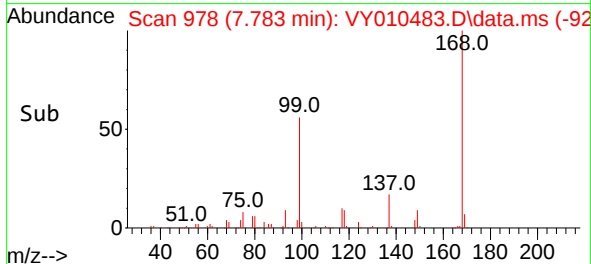
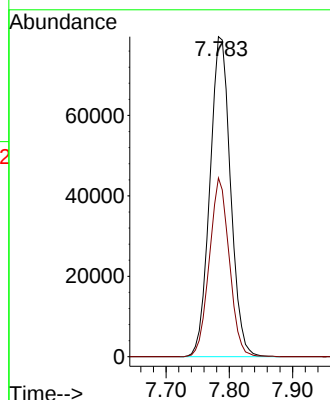
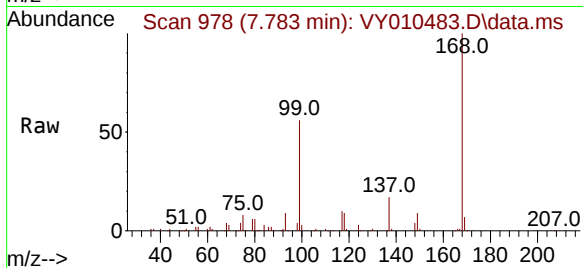




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

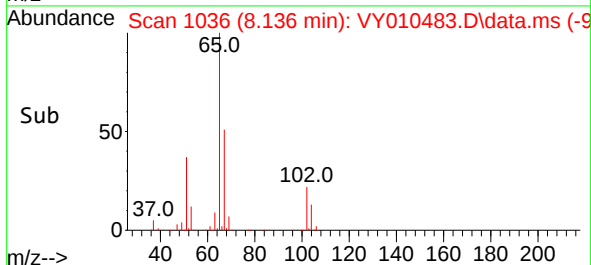
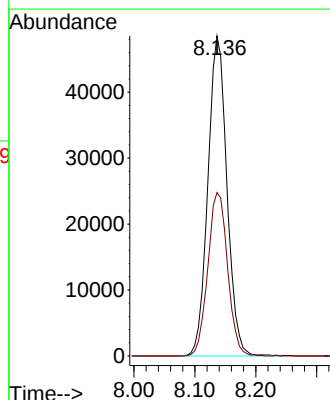
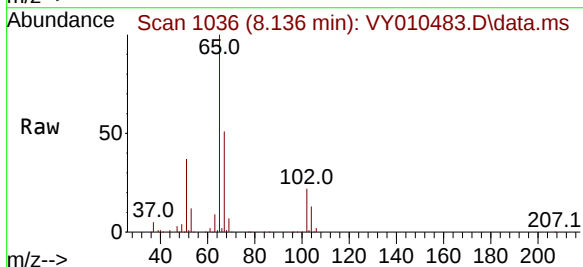
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-1

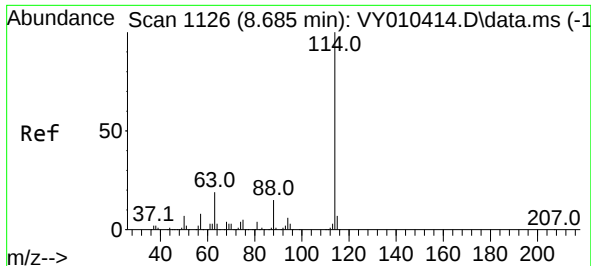
Tgt Ion:168 Resp: 180732
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.837 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

Tgt Ion: 65 Resp: 105279
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

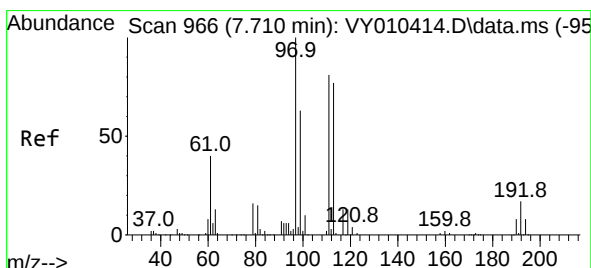
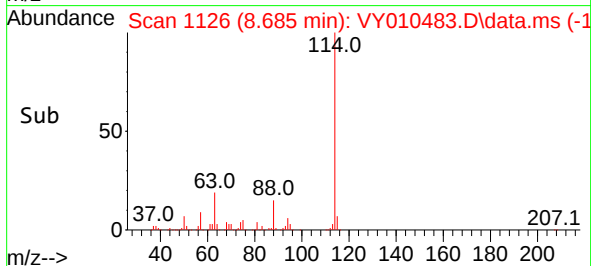
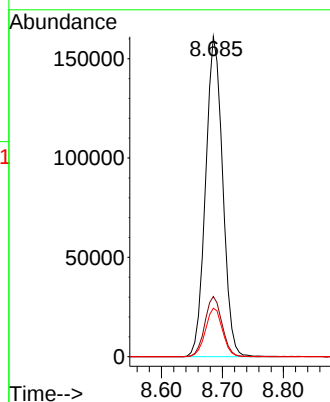
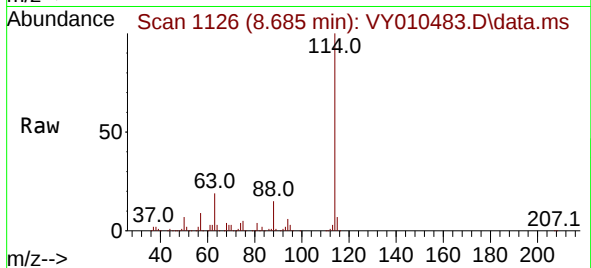




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

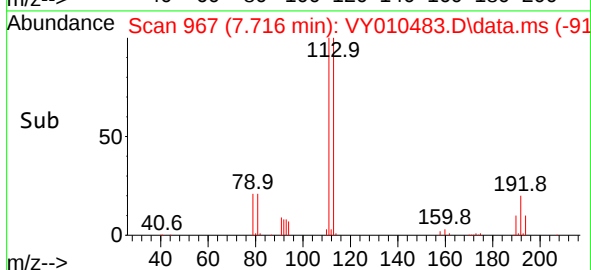
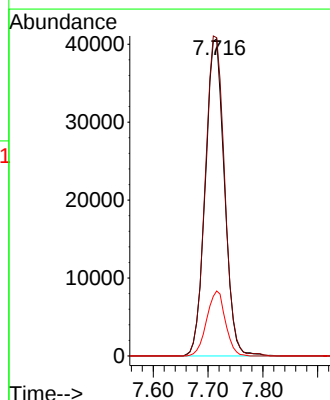
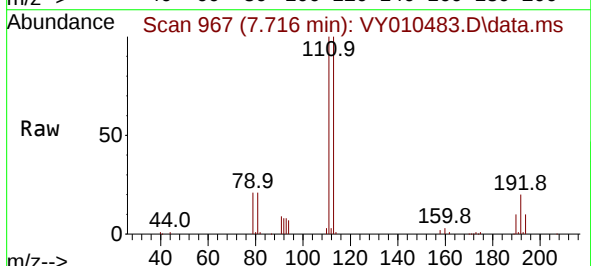
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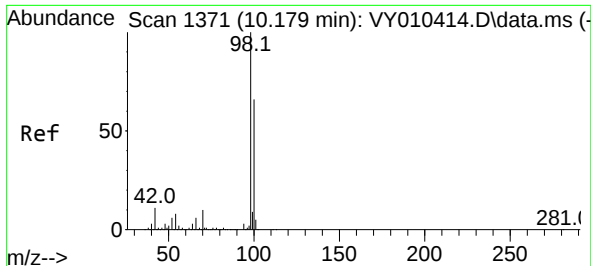
Tgt Ion:114 Resp: 314034
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.992 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

Tgt Ion:113 Resp: 98116
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 20.1 17.6 26.4

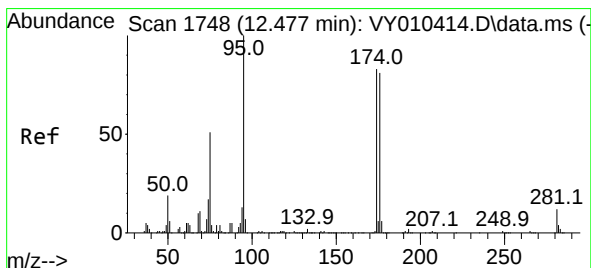
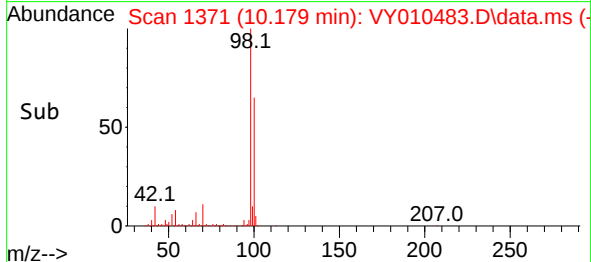
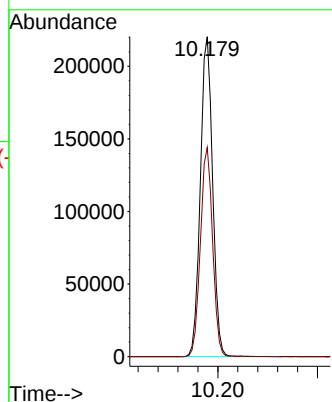
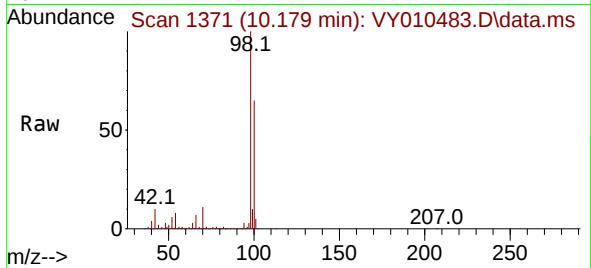




#50
Toluene-d8
Concen: 51.977 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

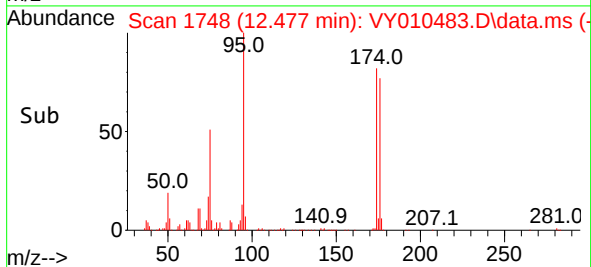
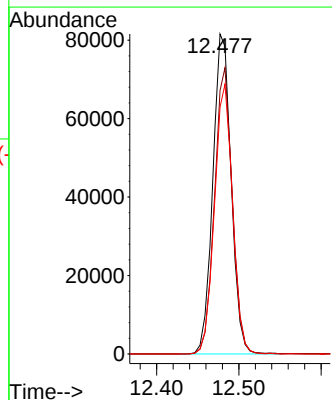
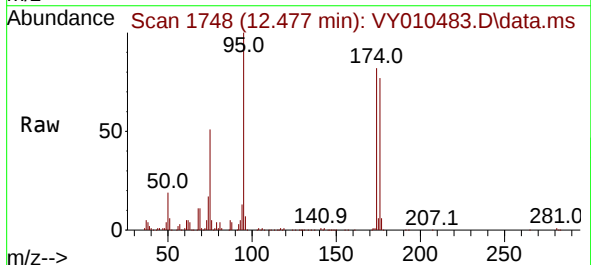
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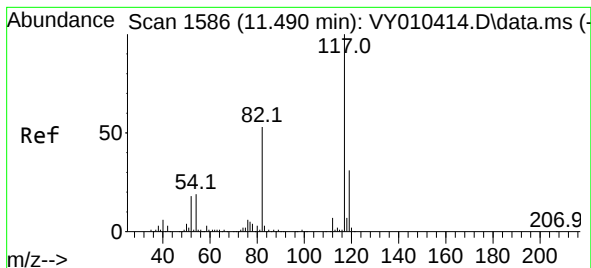
Tgt Ion: 98 Resp: 375704
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.168 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010483.D
Acq: 14 Sep 2022 14:50

Tgt Ion: 95 Resp: 126091
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 83.5 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: VY010483.D

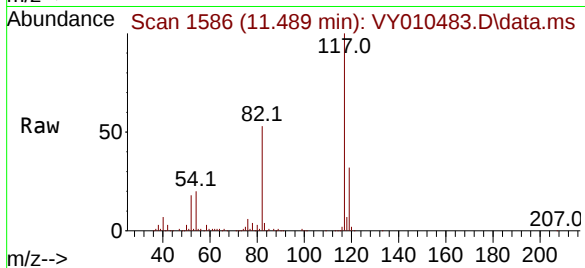
Acq: 14 Sep 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-1



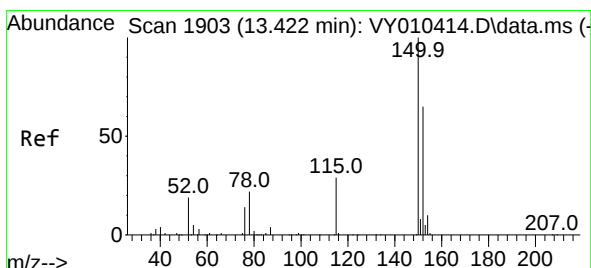
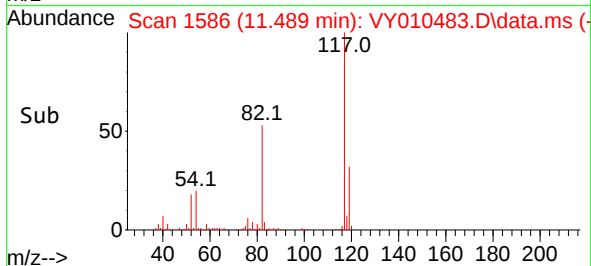
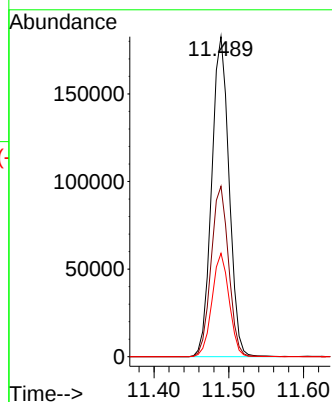
Tgt Ion:117 Resp: 295448

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

119 32.3 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: VY010483.D

Acq: 14 Sep 2022 14:50

Tgt Ion:152 Resp: 137041

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 157.6 0.0 347.6

