

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010489.D
 Acq On : 14 Sep 2022 17:10
 Operator : KP/MD
 Sample : N4578-27
 Misc : 2.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-7

Quant Time: Sep 15 01:11:00 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)

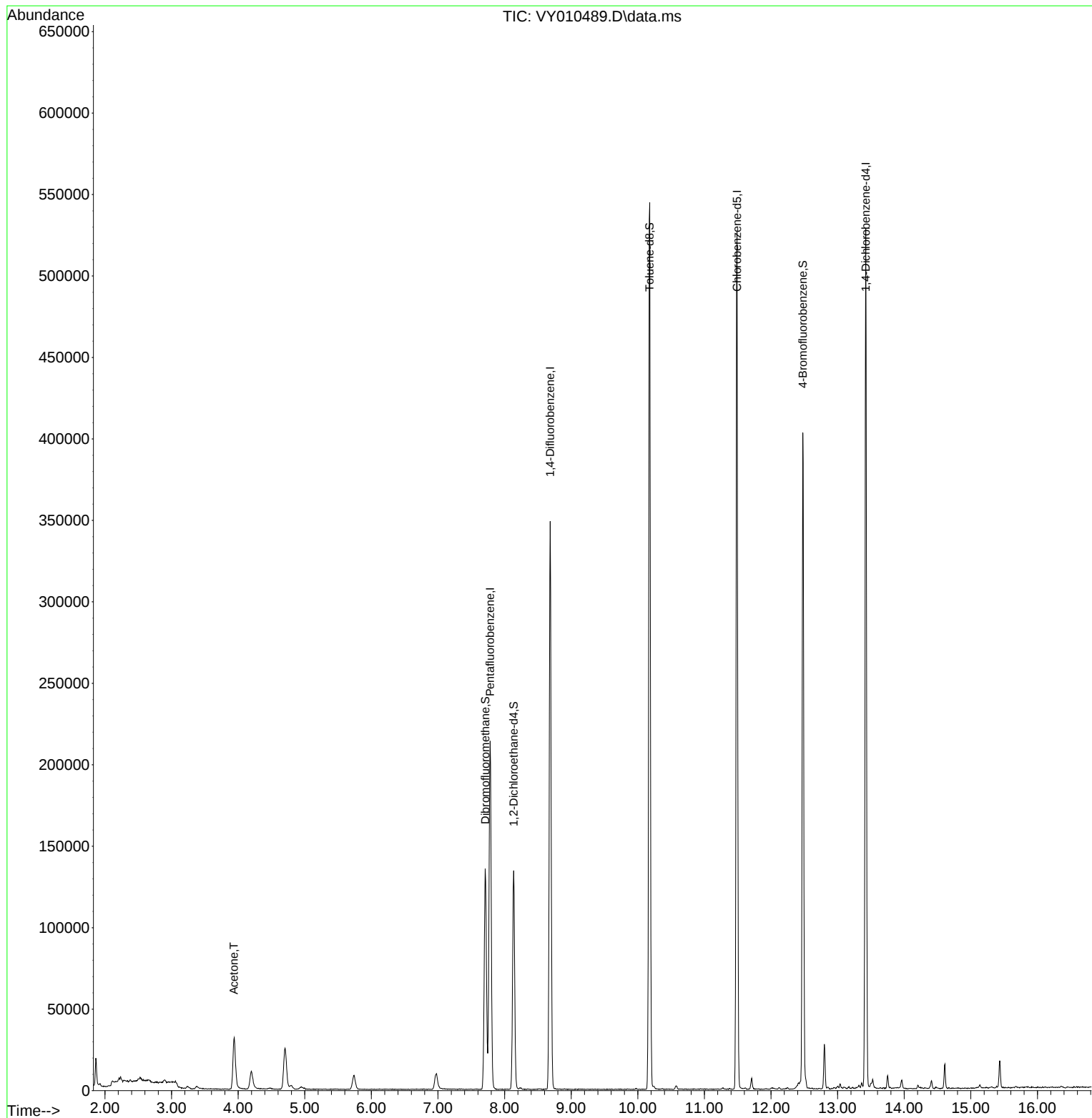
Internal Standards						
1) Pentafluorobenzene	7.783	168	170329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	300047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	287208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102737	59.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.780%
35) Dibromofluoromethane	7.710	113	95679	44.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.800%
50) Toluene-d8	10.179	98	363643	52.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.477	95	123157	44.285	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.580%
Target Compounds						
16) Acetone	3.936	43	55508	140.995	ug/l	Qvalue 92

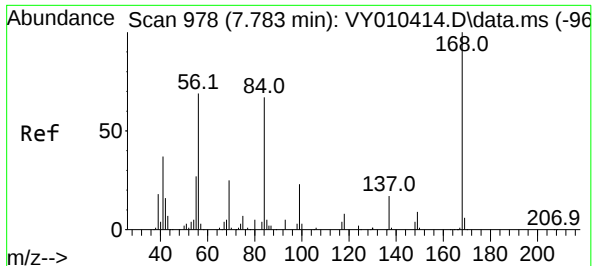
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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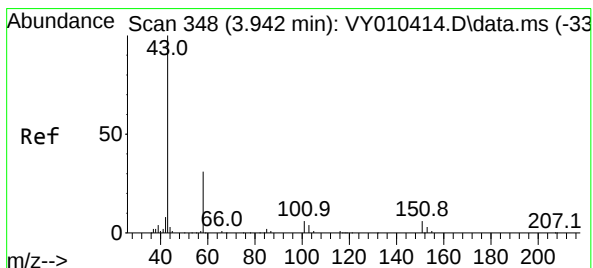
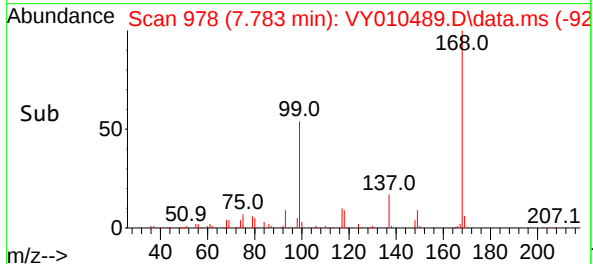
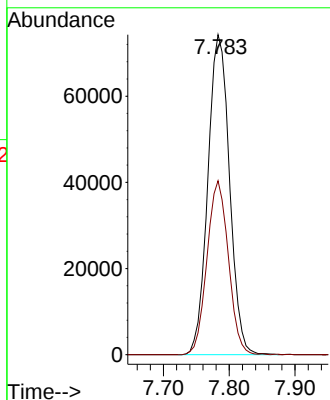
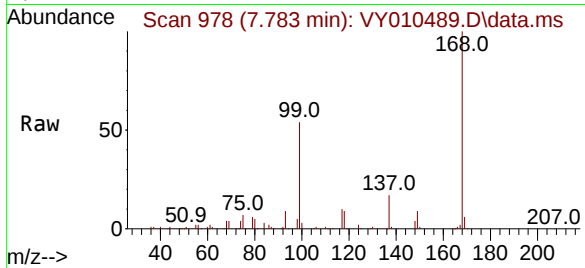




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

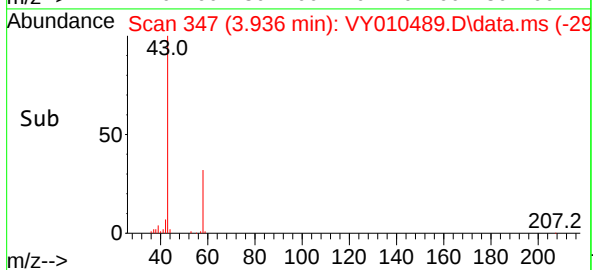
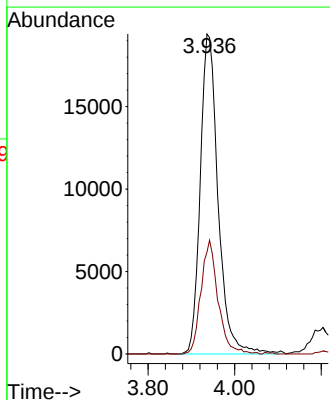
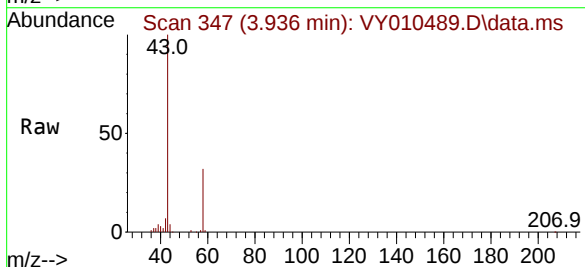
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-7

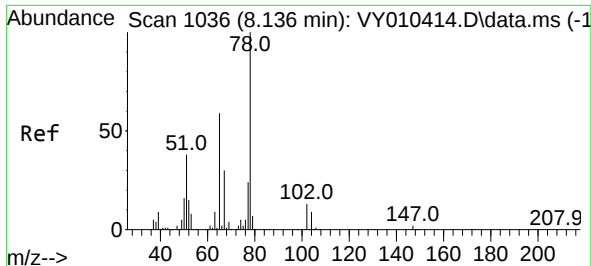
Tgt Ion:168 Resp: 170329
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#16
Acetone
Concen: 140.995 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Tgt Ion: 43 Resp: 55508
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 59.888 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010489.D

Acq: 14 Sep 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

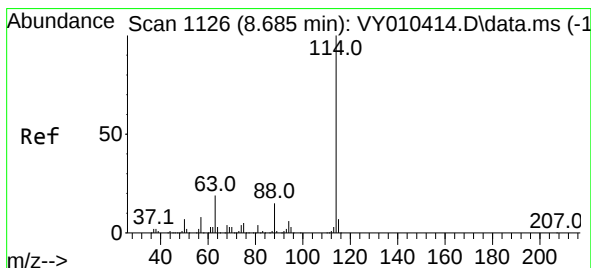
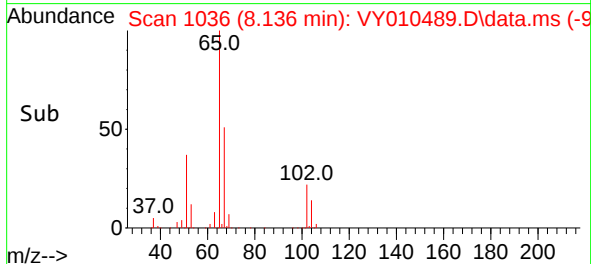
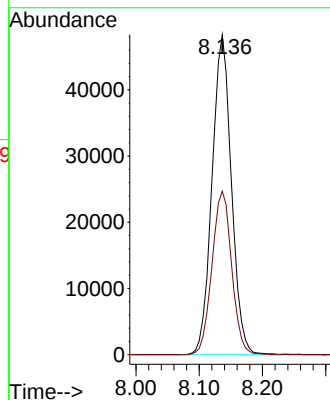
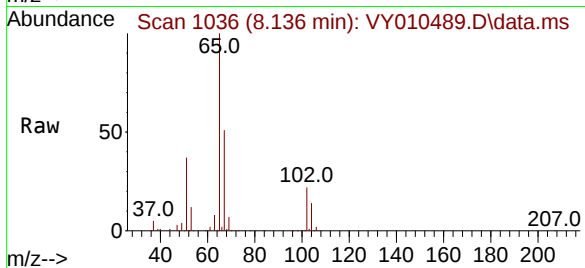
CHERRY-HILL-COMP-7

Tgt Ion: 65 Resp: 102737

Ion Ratio Lower Upper

65 100

67 52.0 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: VY010489.D

Acq: 14 Sep 2022 17:10

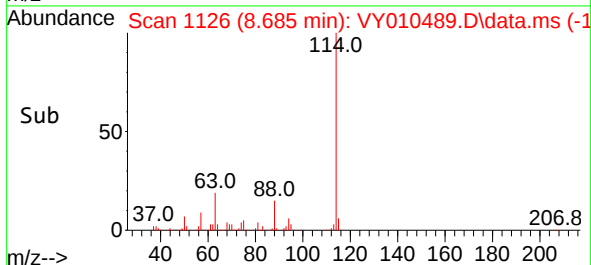
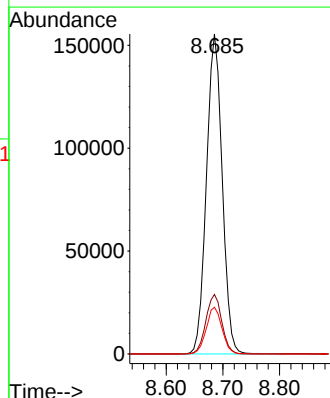
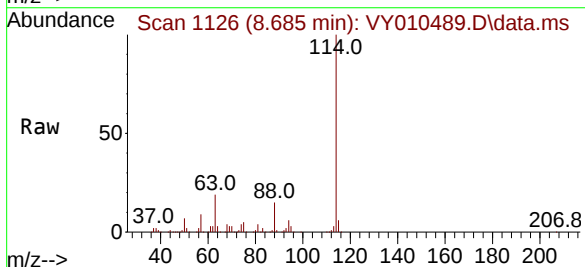
Tgt Ion: 114 Resp: 300047

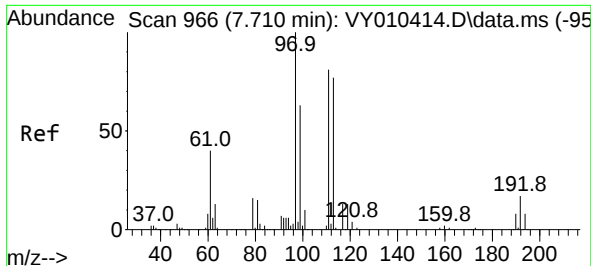
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.6 0.0 31.8

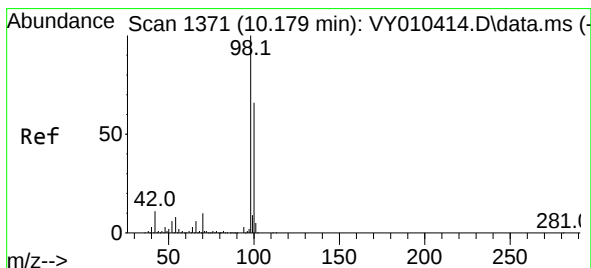
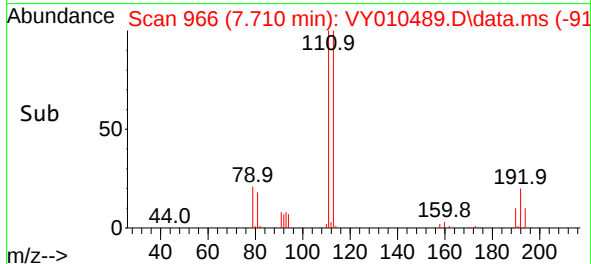
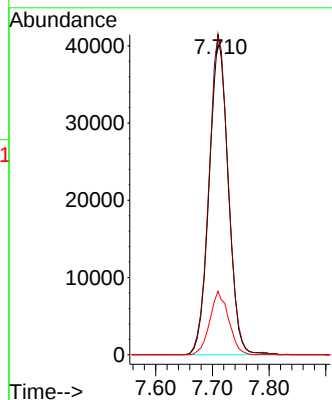
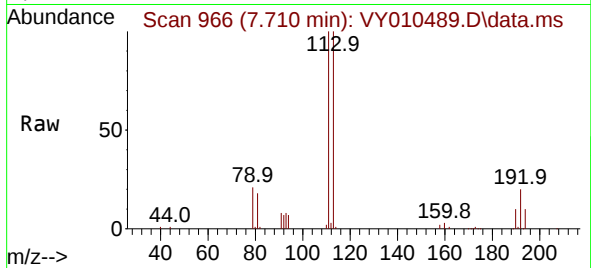




#35
Dibromofluoromethane
Concen: 44.900 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

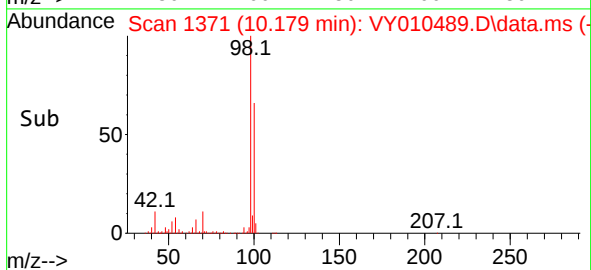
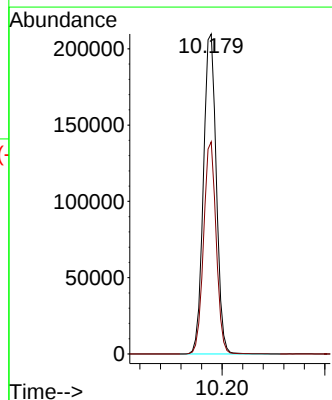
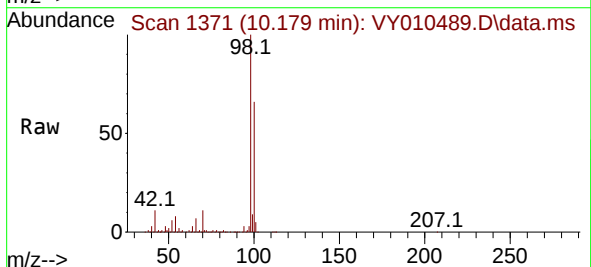
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-7

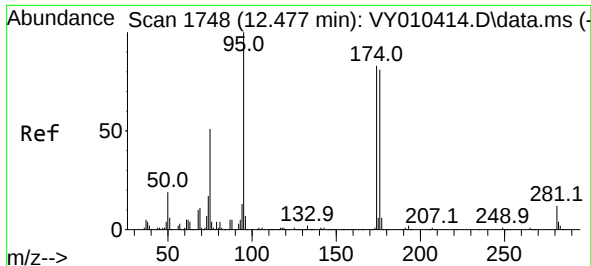
Tgt Ion:113 Resp: 95679
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.8 17.6 26.4



#50
Toluene-d8
Concen: 52.654 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Tgt Ion: 98 Resp: 363643
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 44.285 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010489.D

Acq: 14 Sep 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-7

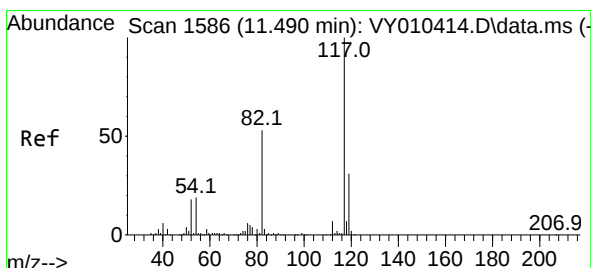
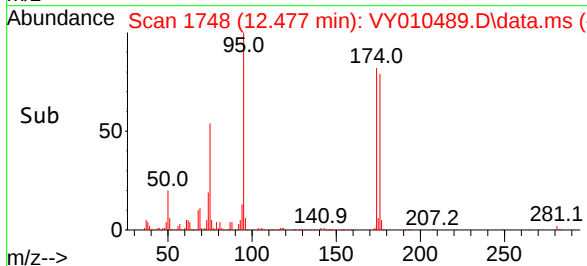
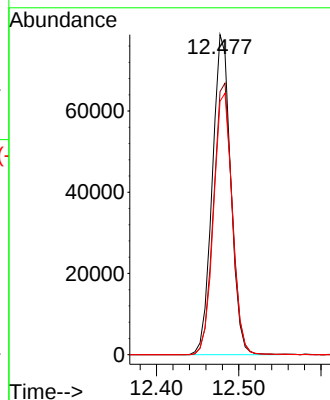
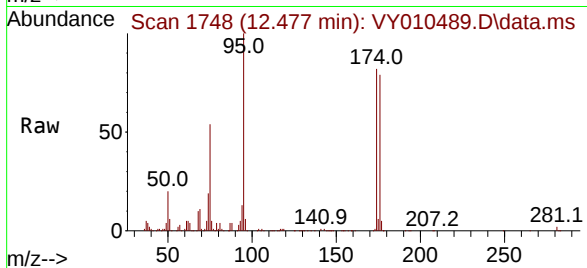
Tgt Ion: 95 Resp: 123157

Ion Ratio Lower Upper

95 100

174 85.7 0.0 177.0

176 82.8 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY010489.D

Acq: 14 Sep 2022 17:10

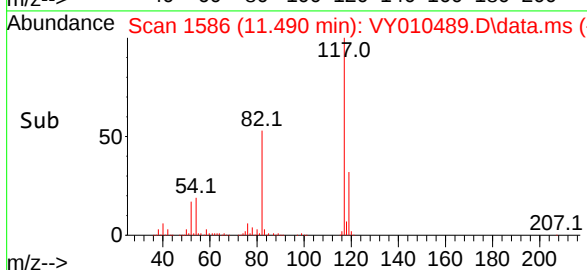
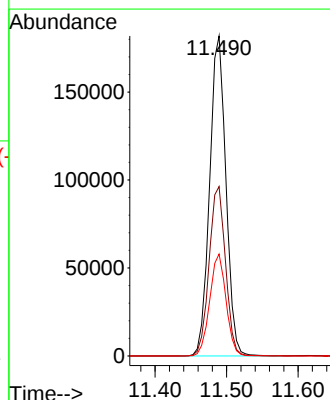
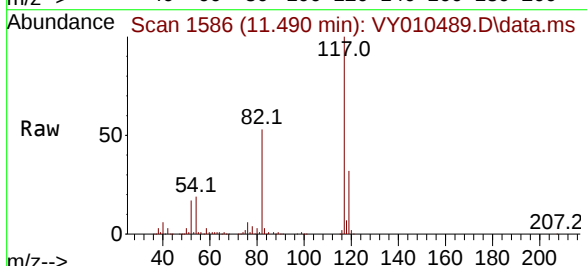
Tgt Ion: 117 Resp: 287208

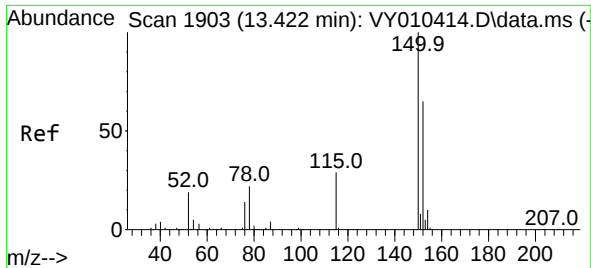
Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 31.8 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: VY010489.D

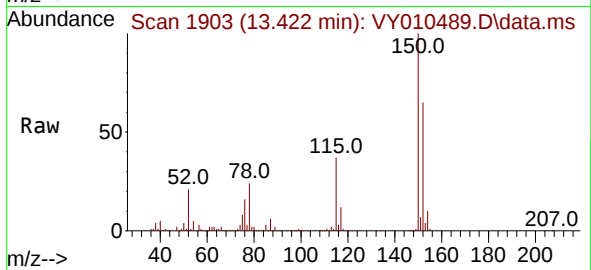
Acq: 14 Sep 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-7



Tgt Ion:152 Resp: 134146

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 155.2 0.0 347.6

