

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010488.D
 Acq On : 14 Sep 2022 16:47
 Operator : KP/MD
 Sample : N4578-23
 Misc : 3.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-6

Quant Time: Sep 15 01:10:52 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)

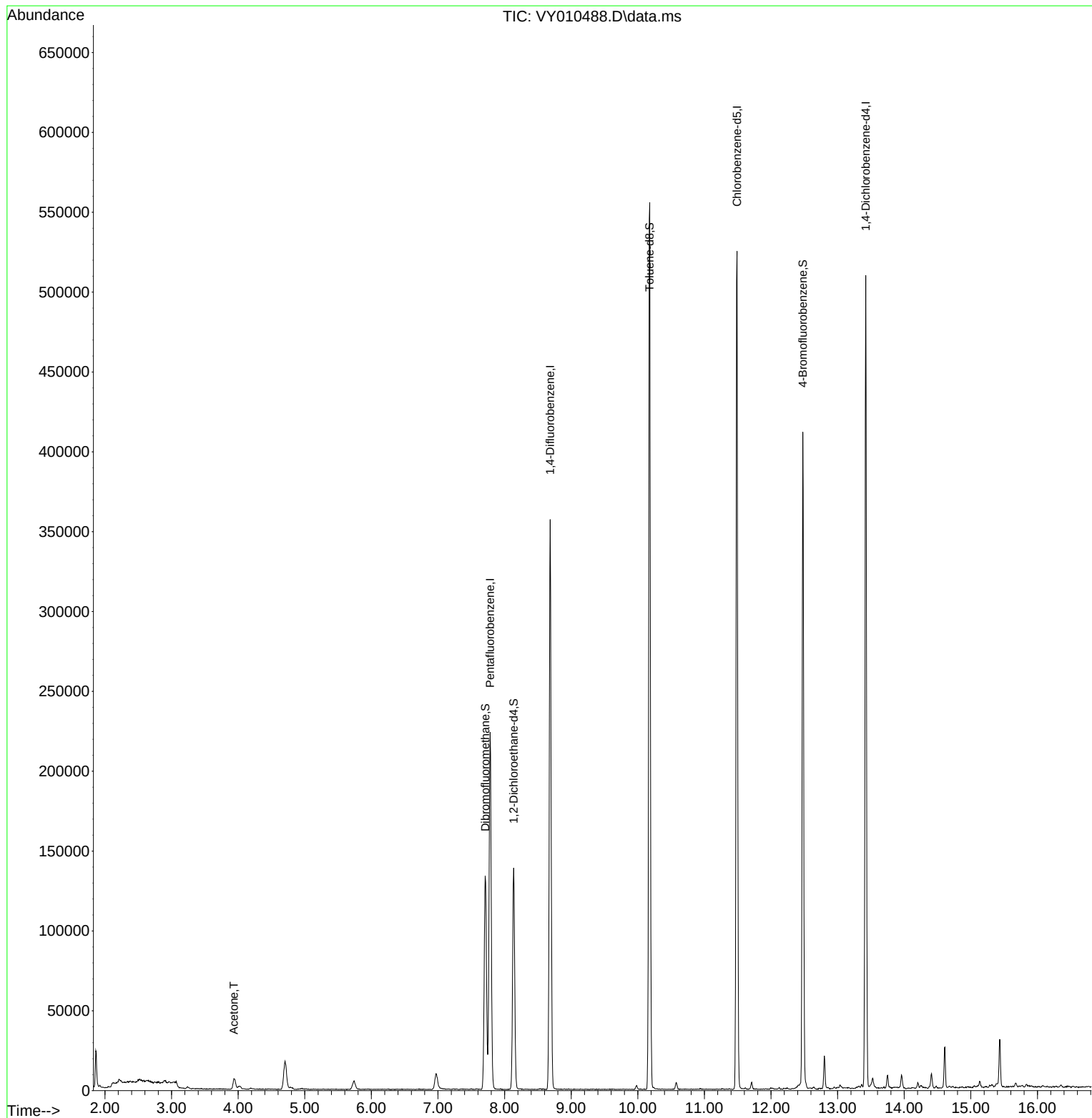
Internal Standards						
1) Pentafluorobenzene	7.783	168	173972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	301594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	289286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107443	61.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.640%	
35) Dibromofluoromethane	7.710	113	96475	45.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.080%	
50) Toluene-d8	10.179	98	366683	52.822	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.640%	
62) 4-Bromofluorobenzene	12.477	95	123429	44.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.260%	
Target Compounds						
16) Acetone	3.936	43	12143	30.198	ug/l	Qvalue 99

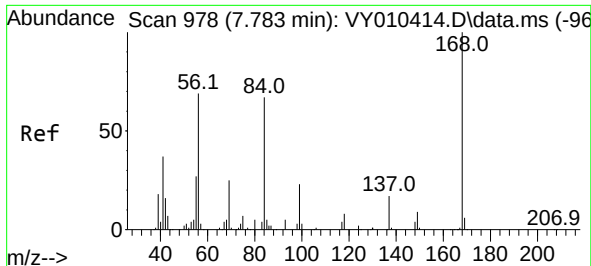
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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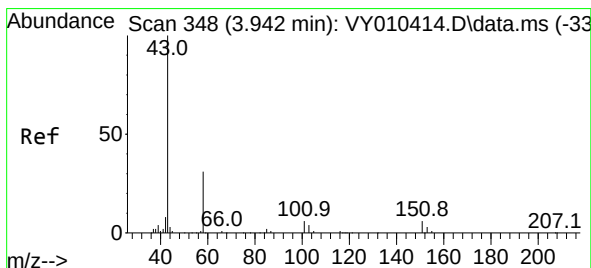
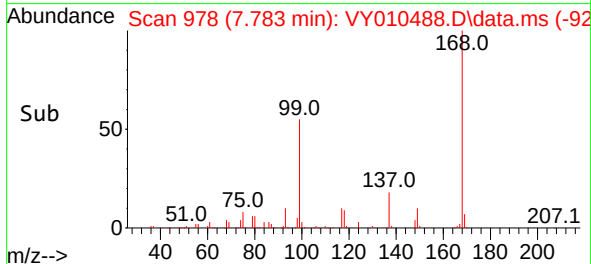
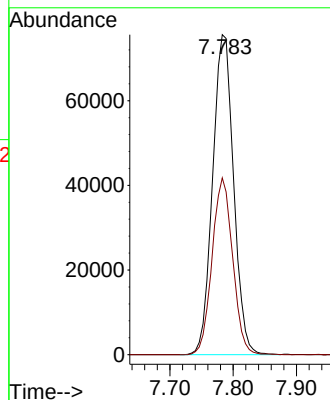
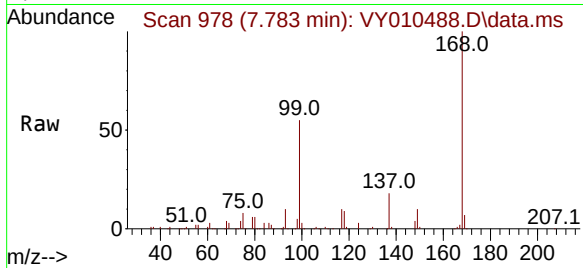




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

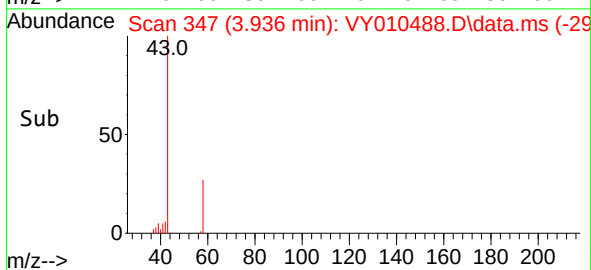
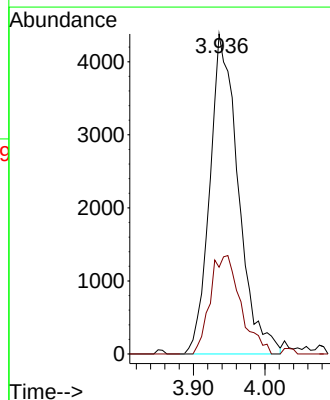
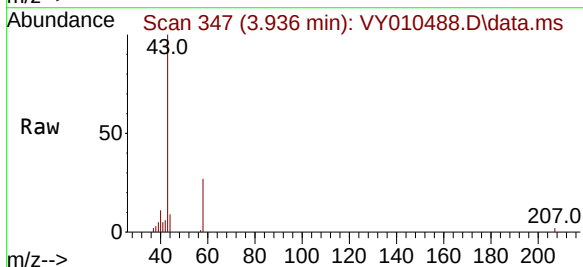
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-6

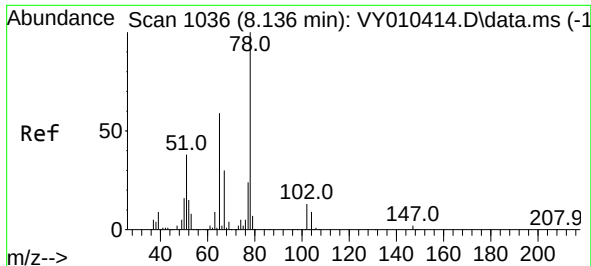
Tgt Ion:168 Resp: 173972
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#16
Acetone
Concen: 30.198 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

Tgt Ion: 43 Resp: 12143
Ion Ratio Lower Upper
43 100
58 27.1 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 61.320 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010488.D

Acq: 14 Sep 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

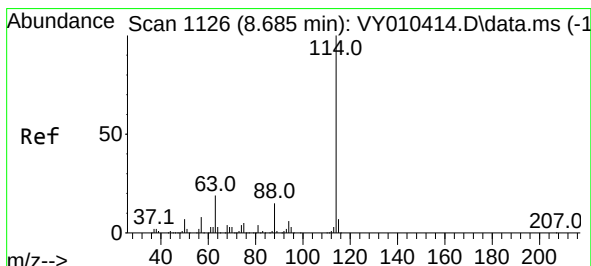
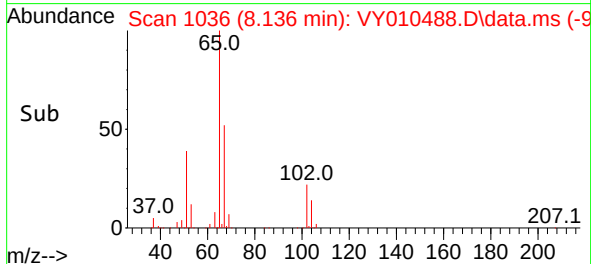
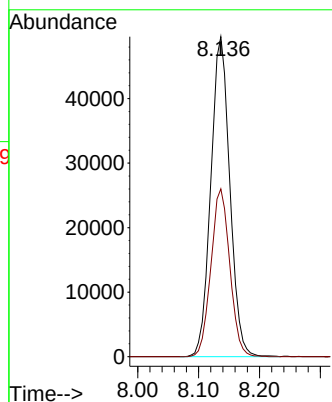
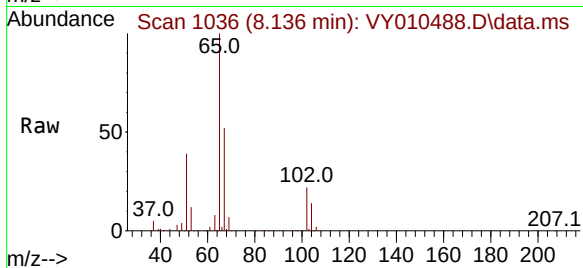
CHERRY-HILL-COMP-6

Tgt Ion: 65 Resp: 107443

Ion Ratio Lower Upper

65 100

67 52.1 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: VY010488.D

Acq: 14 Sep 2022 16:47

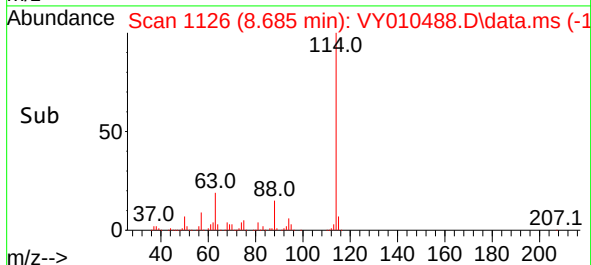
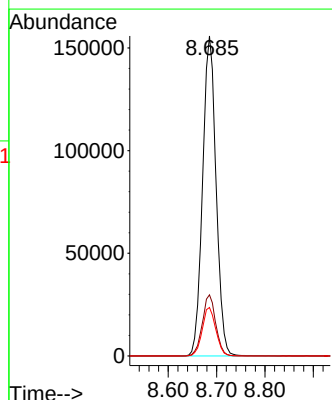
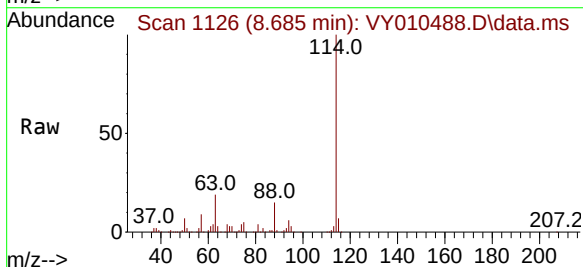
Tgt Ion: 114 Resp: 301594

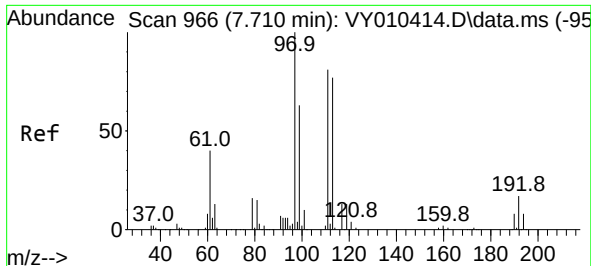
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.2 0.0 31.8

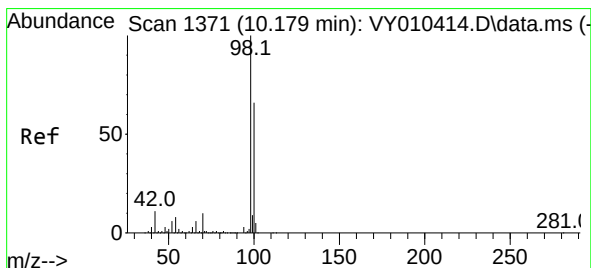
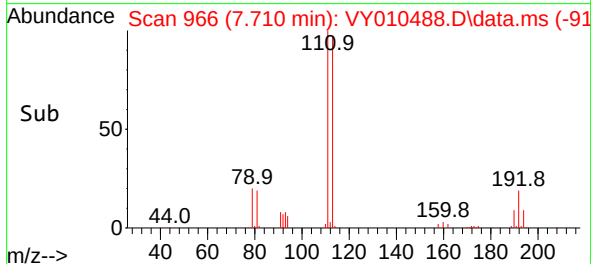
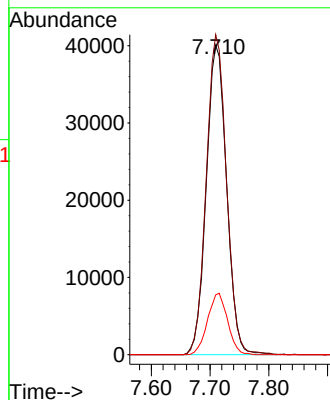
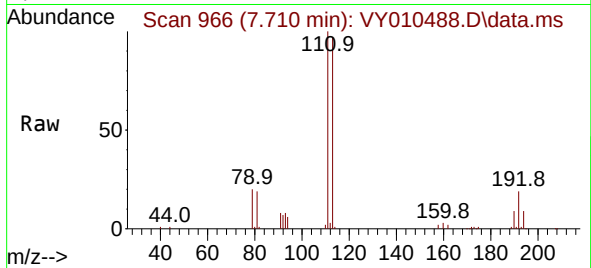




#35
Dibromofluoromethane
Concen: 45.041 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

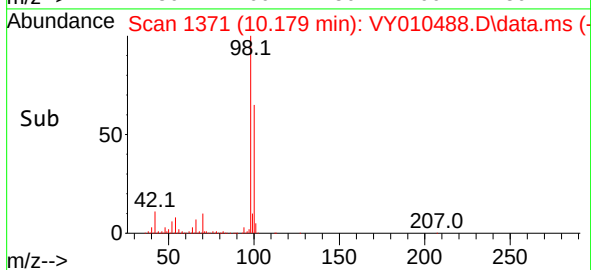
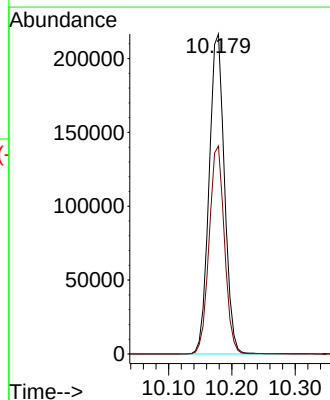
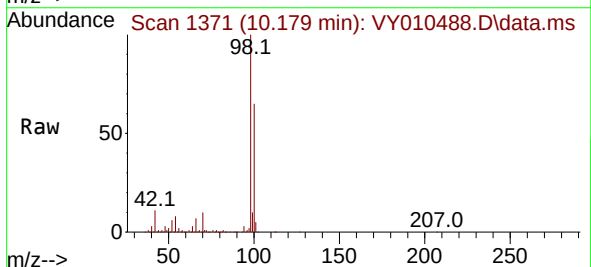
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-6

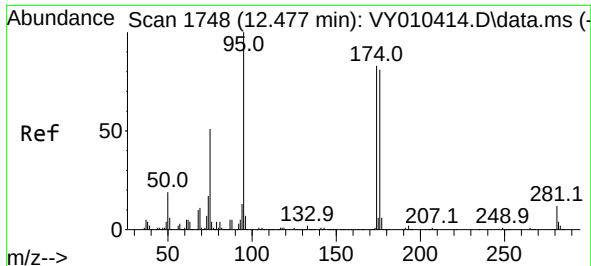
Tgt Ion:113 Resp: 96475
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 52.822 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010488.D
Acq: 14 Sep 2022 16:47

Tgt Ion: 98 Resp: 366683
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 44.135 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010488.D

Acq: 14 Sep 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-6

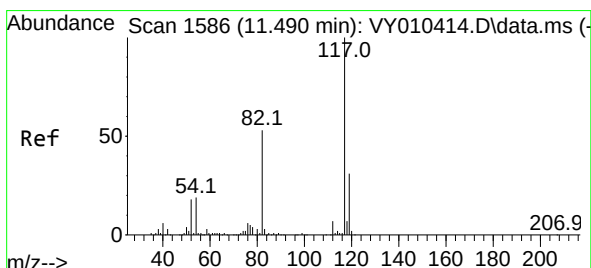
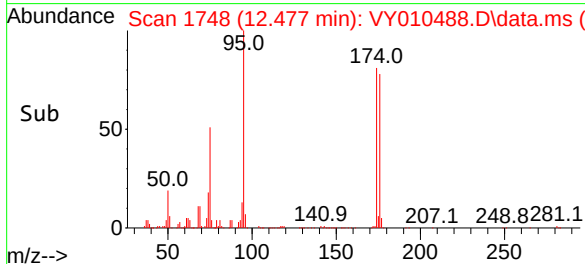
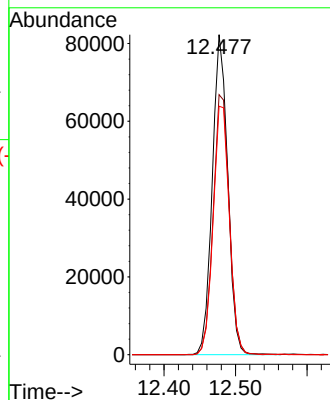
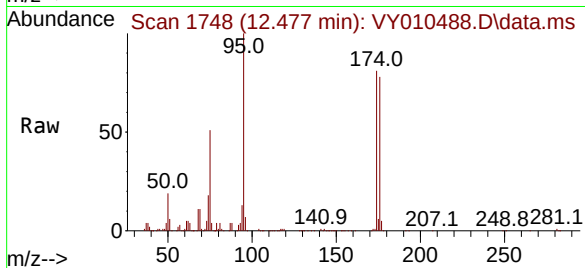
Tgt Ion: 95 Resp: 123429

Ion Ratio Lower Upper

95 100

174 85.2 0.0 177.0

176 81.5 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010488.D

Acq: 14 Sep 2022 16:47

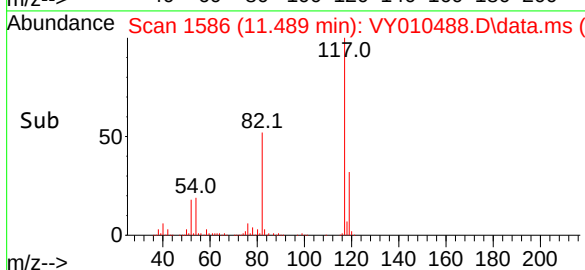
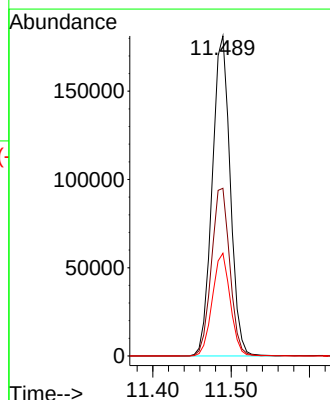
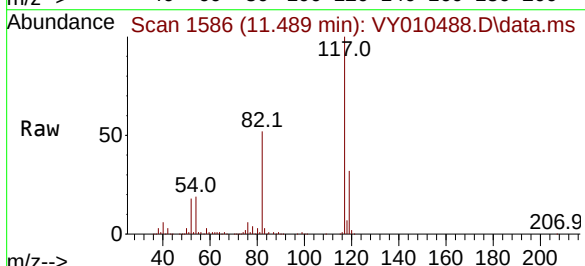
Tgt Ion: 117 Resp: 289286

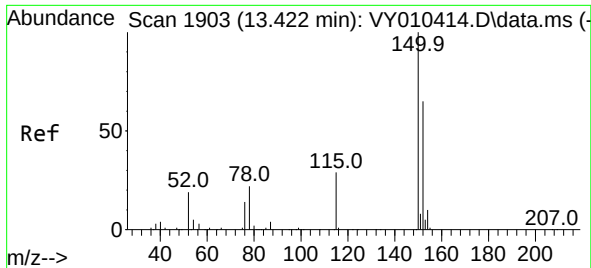
Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 32.1 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: VY010488.D

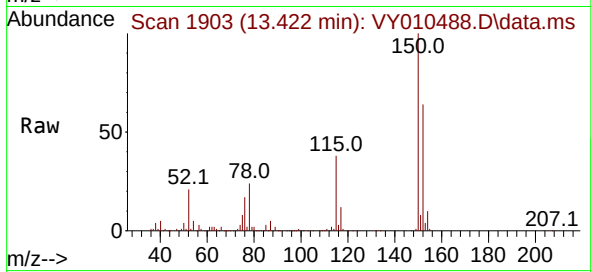
Acq: 14 Sep 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-6



Tgt Ion:152 Resp: 128485

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 157.2 0.0 347.6

