

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010155.D
 Acq On : 22 Aug 2022 19:42
 Operator : KP/MD
 Sample : N4270-01
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-4-(25-37)

Quant Time: Aug 23 00:17:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

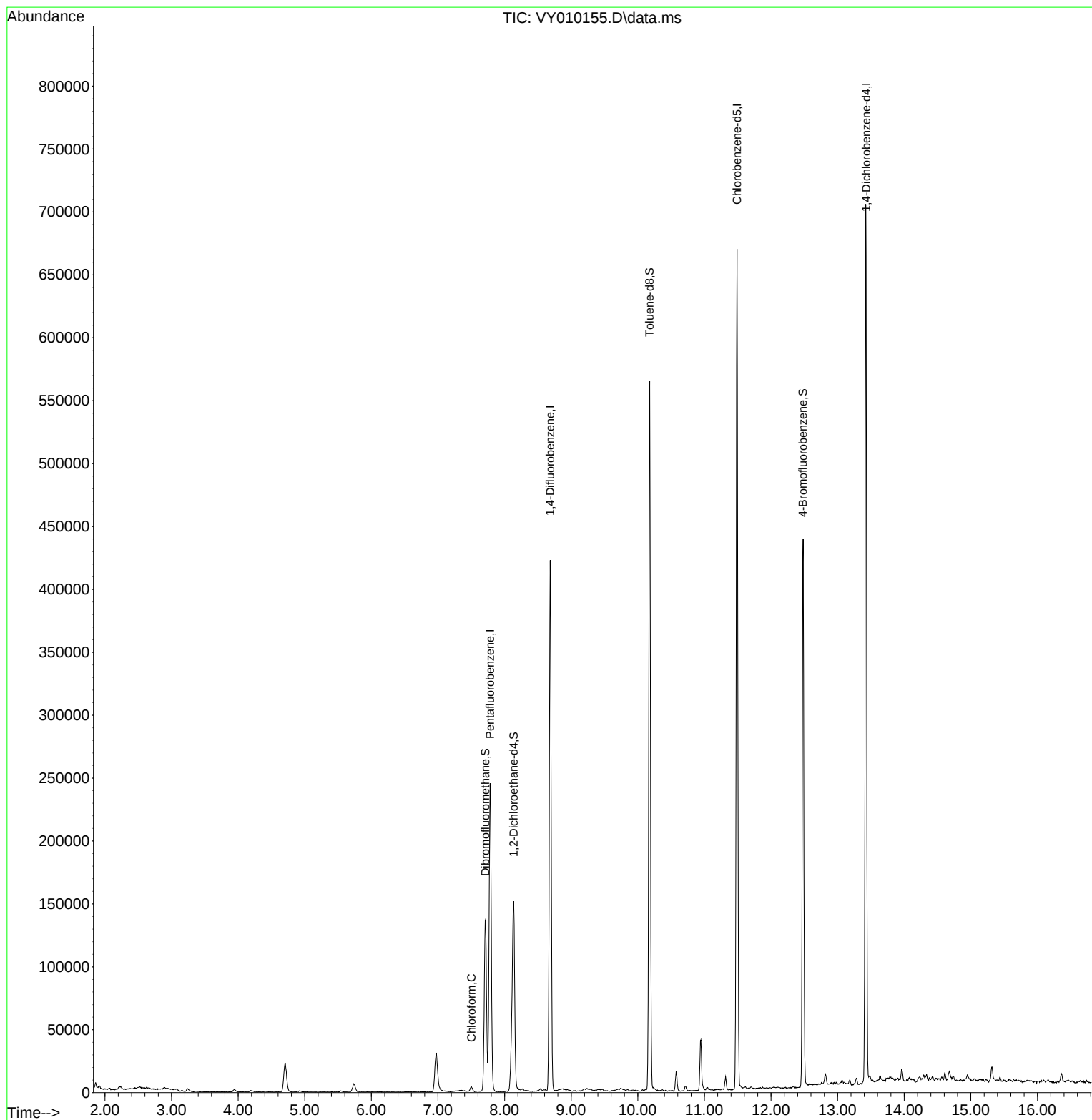
Internal Standards						
1) Pentafluorobenzene	7.782	168	199195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	380684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101461	62.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.380%
35) Dibromofluoromethane	7.709	113	100006	48.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.178	98	375099	48.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.477	95	133486	47.918	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.840%
Target Compounds						
30) Chloroform	7.502	83	3778	1.051	ug/l	Qvalue 99

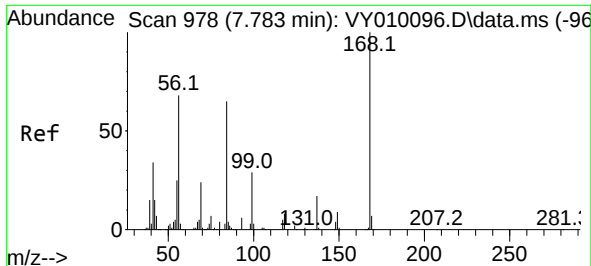
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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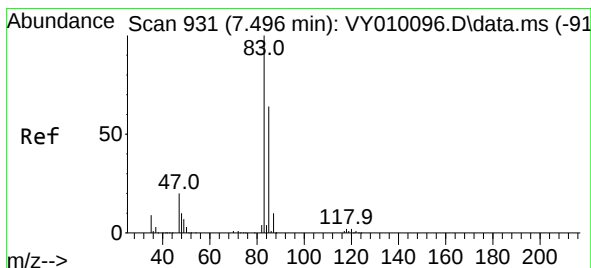
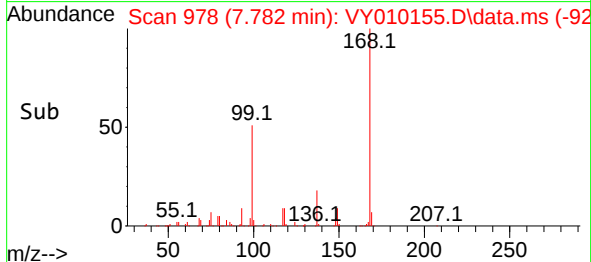
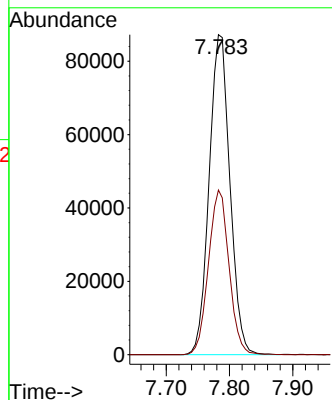
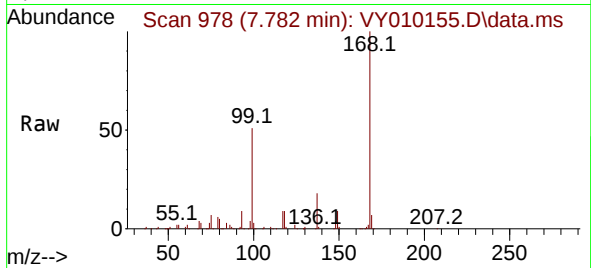




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

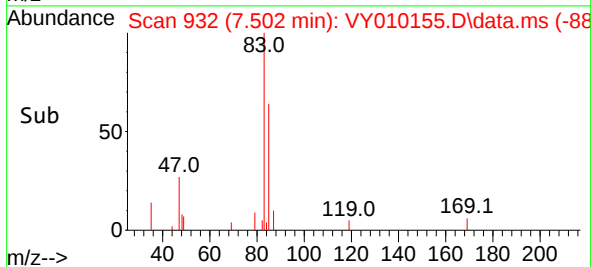
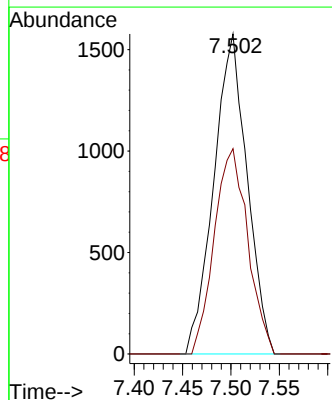
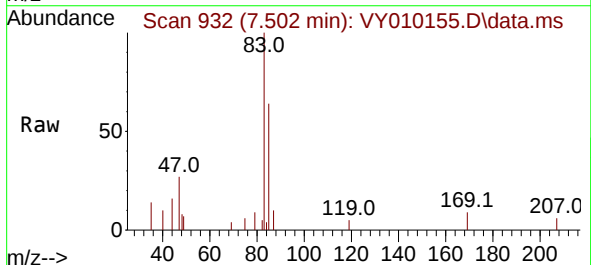
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-4-(25-37)

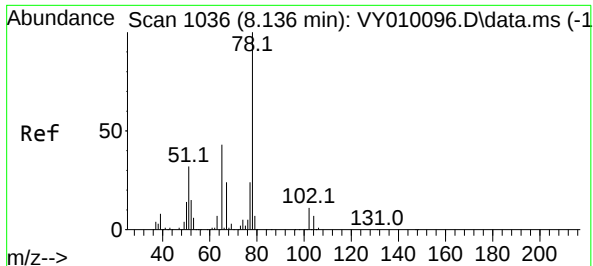
Tgt Ion:168 Resp: 199195
Ion Ratio Lower Upper
168 100
99 51.5 40.7 61.1



#30
Chloroform
Concen: 1.051 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.006 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

Tgt Ion: 83 Resp: 3778
Ion Ratio Lower Upper
83 100
85 64.2 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 62.185 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010155.D

Acq: 22 Aug 2022 19:42

Instrument :

MSVOA_Y

ClientSampleId :

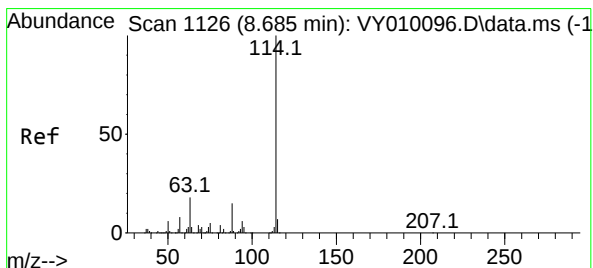
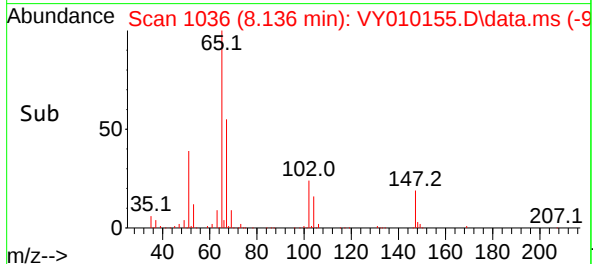
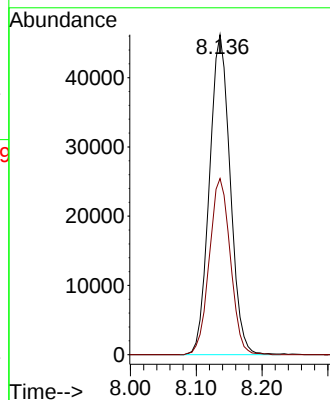
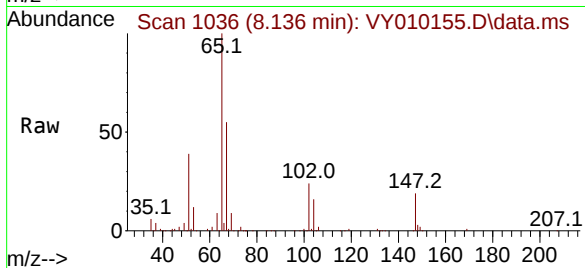
SASP2-T-4-(25-37)

Tgt Ion: 65 Resp: 101461

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010155.D

Acq: 22 Aug 2022 19:42

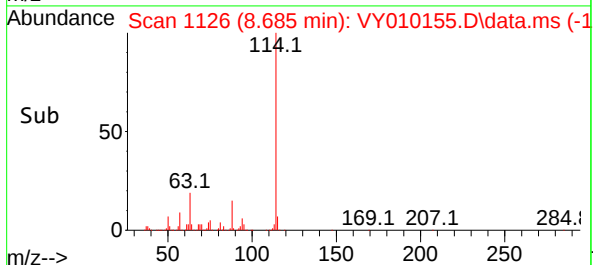
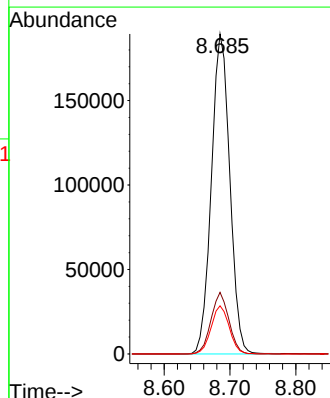
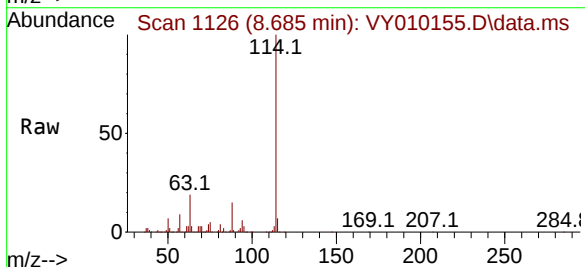
Tgt Ion:114 Resp: 369268

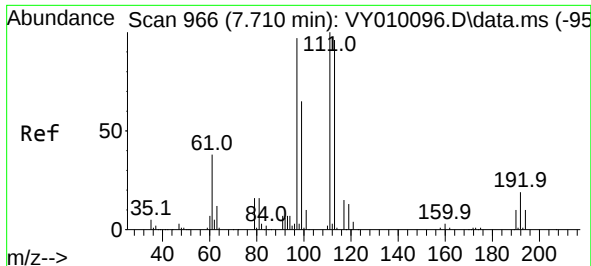
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.6

88 15.1 0.0 29.6

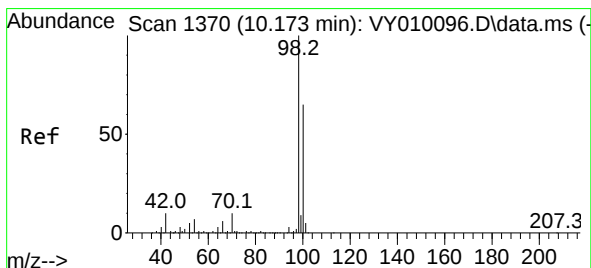
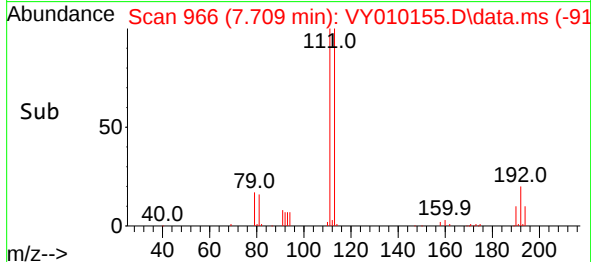
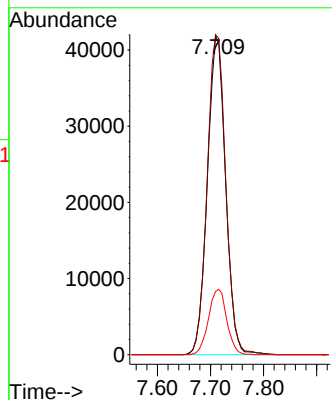
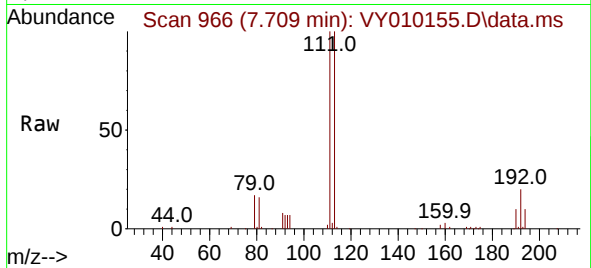




#35
Dibromofluoromethane
Concen: 48.062 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

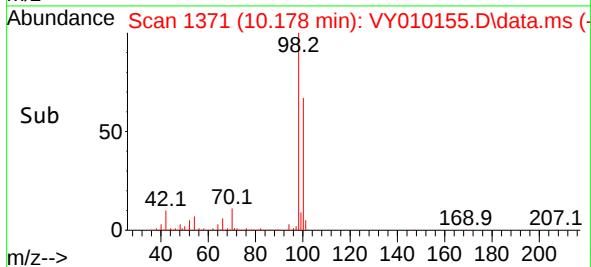
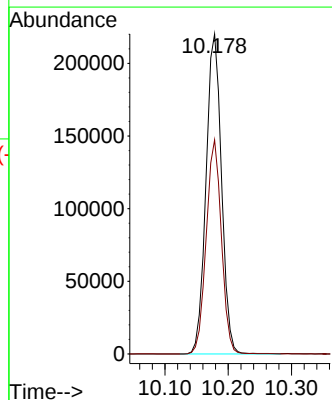
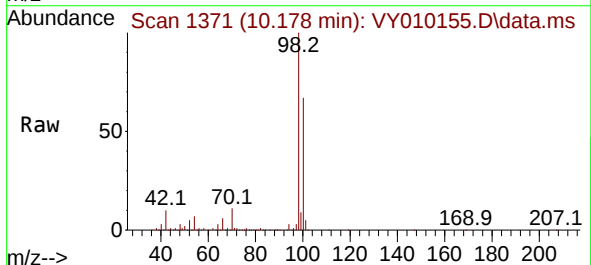
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-4-(25-37)

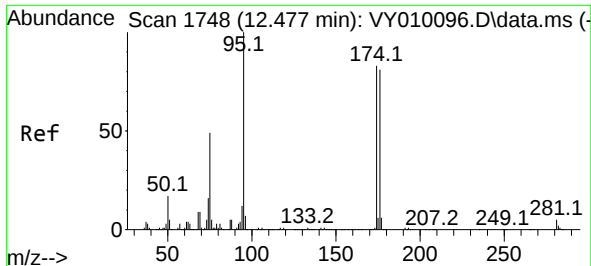
Tgt Ion:113 Resp: 100006
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 20.6 16.3 24.5



#50
Toluene-d8
Concen: 48.110 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.005 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

Tgt Ion: 98 Resp: 375099
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

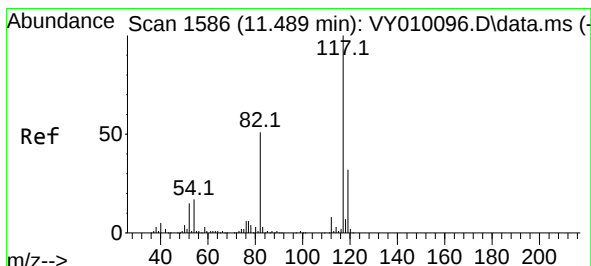
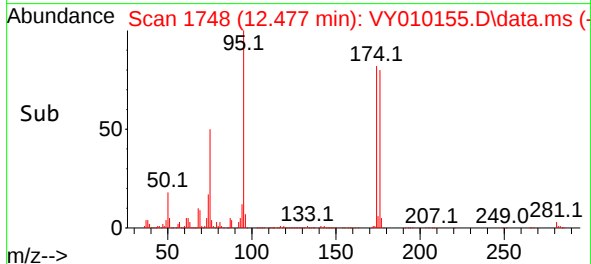
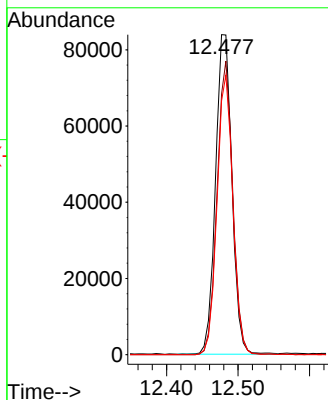
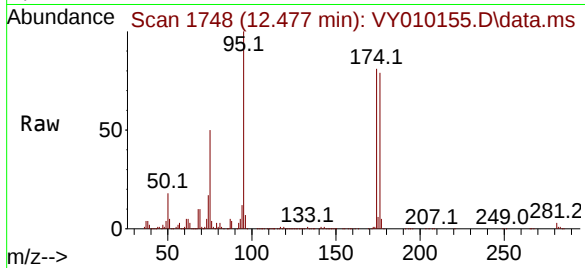




#62
4-Bromofluorobenzene
Concen: 47.918 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

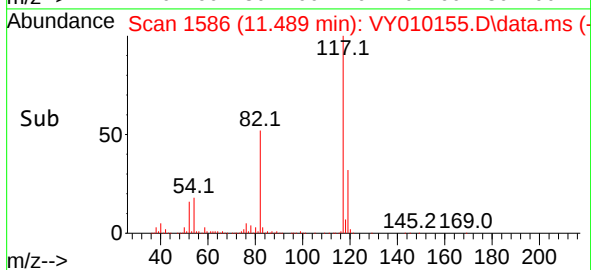
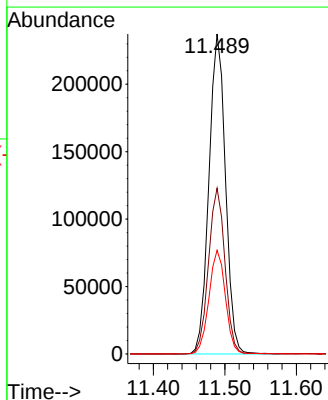
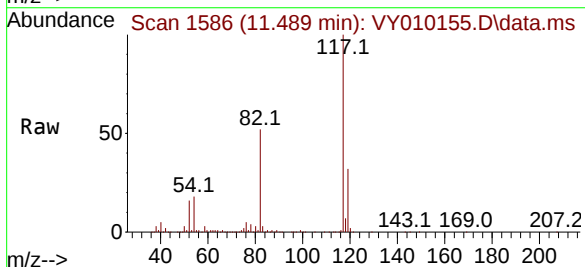
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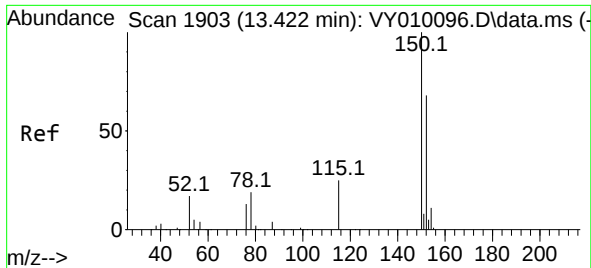
Tgt Ion: 95 Resp: 133486
Ion Ratio Lower Upper
95 100
174 88.6 0.0 173.8
176 84.3 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010155.D
Acq: 22 Aug 2022 19:42

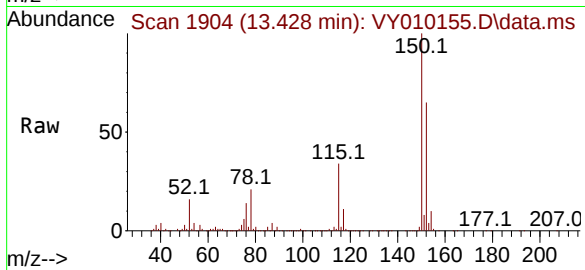
Tgt Ion: 117 Resp: 380684
Ion Ratio Lower Upper
117 100
82 51.8 40.6 61.0
119 32.3 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010155.D
 Acq: 22 Aug 2022 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-4-(25-37)



Tgt Ion:152 Resp: 185259
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.1 84.2
 150 158.1 0.0 346.2

