

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012654.D
 Acq On : 17 Feb 2023 16:29
 Operator : KP/MD
 Sample : 01586-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Feb 18 04:59:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

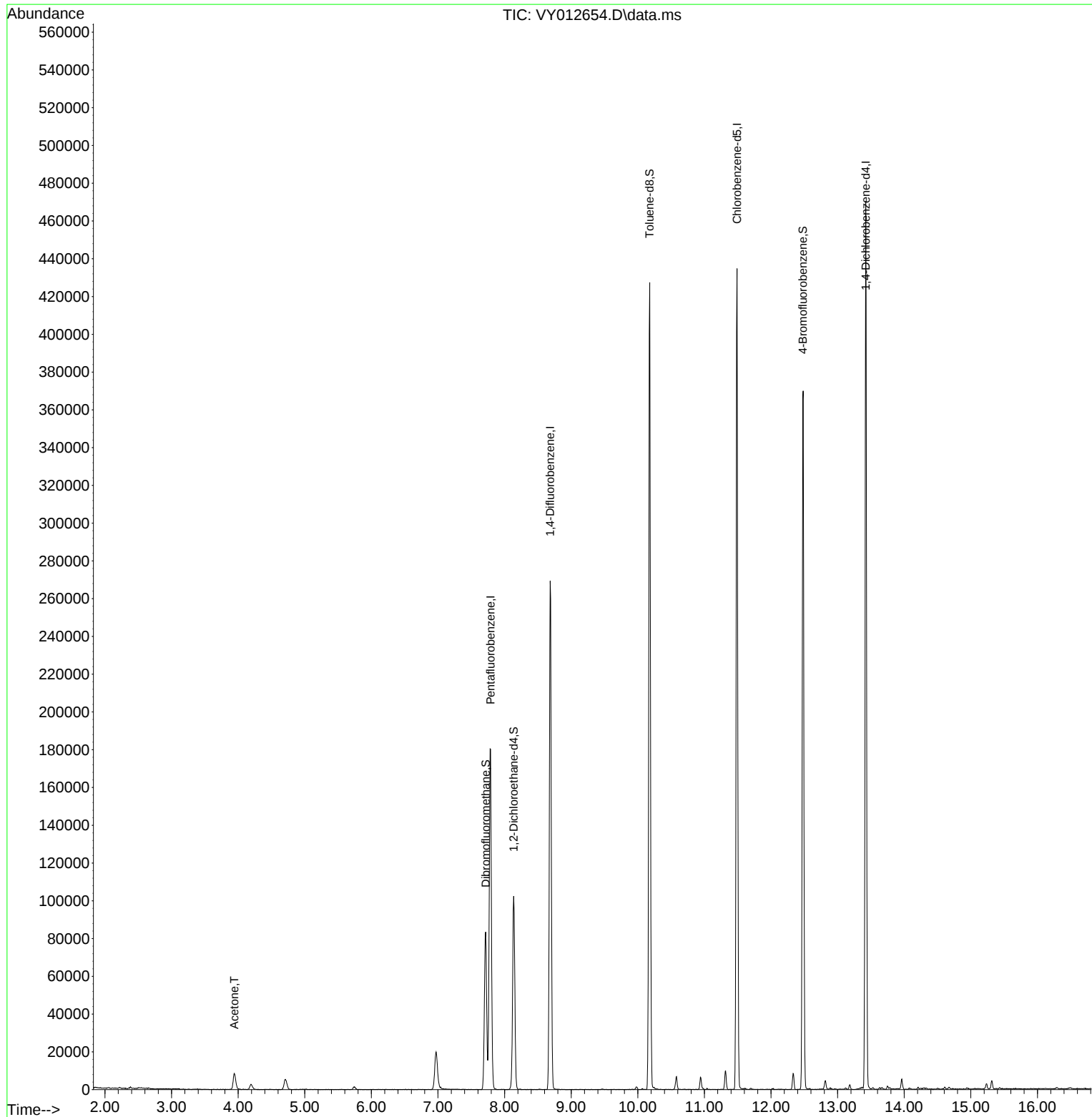
Internal Standards						
1) Pentafluorobenzene	7.789	168	146731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87005	46.630	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.260%
35) Dibromofluoromethane	7.716	113	56850	31.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	63.660%
50) Toluene-d8	10.179	98	292040	39.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.580%
62) 4-Bromofluorobenzene	12.477	95	103766	40.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.040%
Target Compounds						
16) Acetone	3.942	43	14918	33.219	ug/l	Qvalue 96

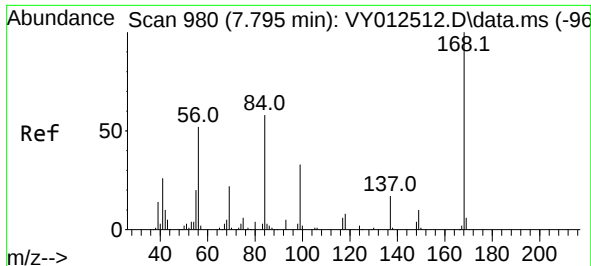
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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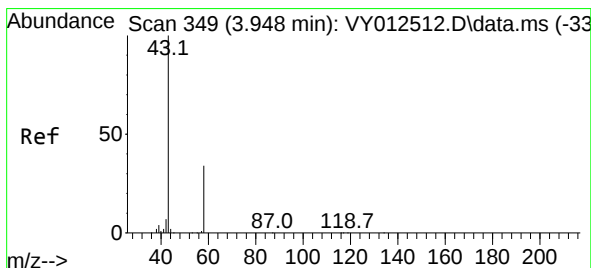
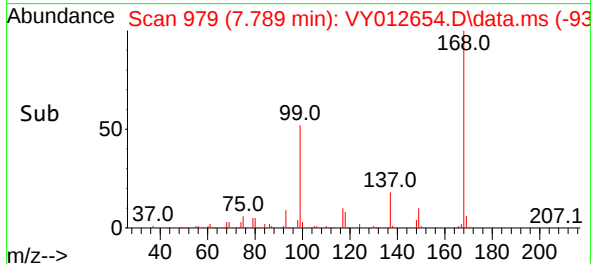
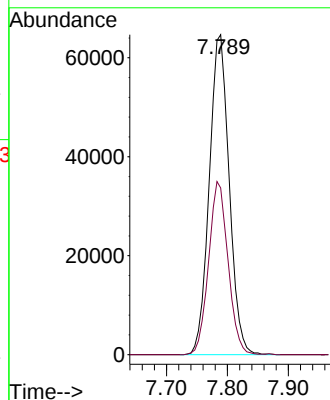
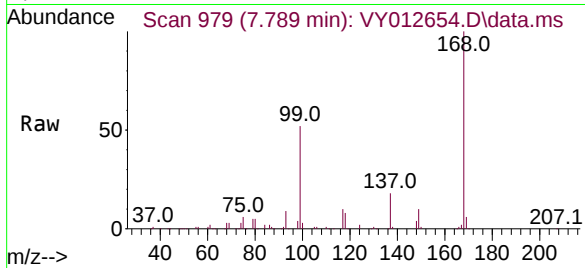




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

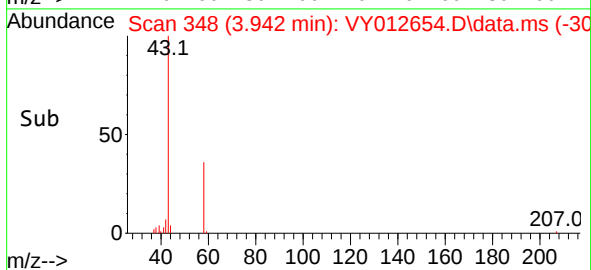
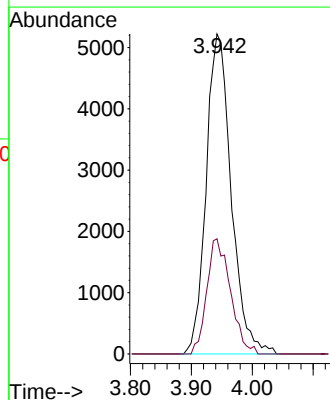
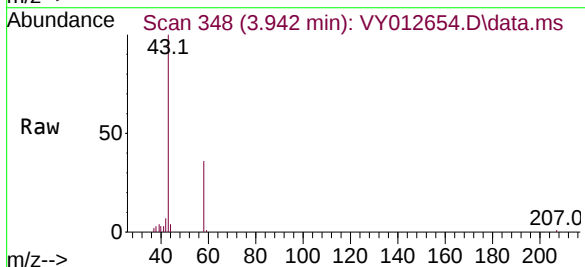
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

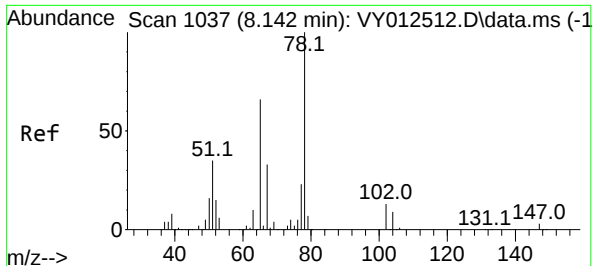
Tgt Ion:168 Resp: 146731
Ion Ratio Lower Upper
168 100
99 52.1 40.8 61.2



#16
Acetone
Concen: 33.219 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

Tgt Ion: 43 Resp: 14918
Ion Ratio Lower Upper
43 100
58 36.0 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 46.630 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012654.D

Acq: 17 Feb 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

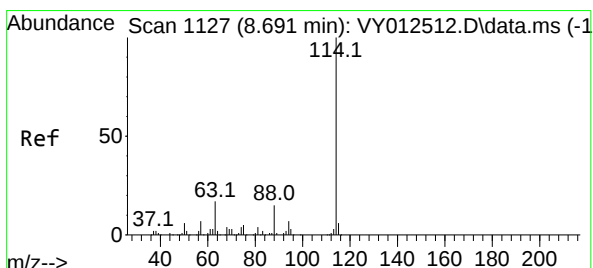
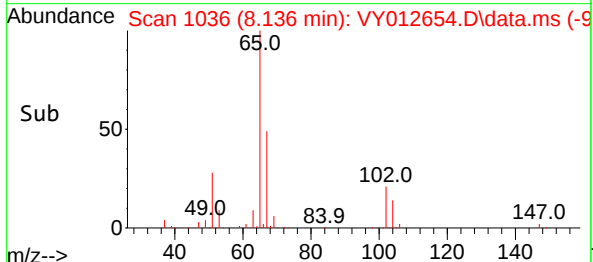
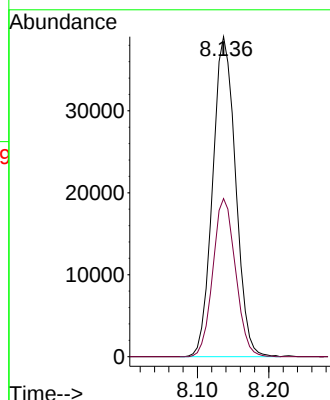
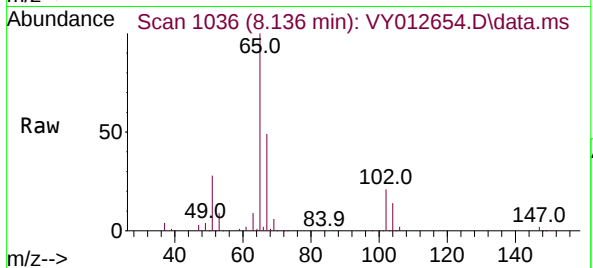
COMP-1

Tgt Ion: 65 Resp: 87005

Ion Ratio Lower Upper

65 100

67 48.7 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012654.D

Acq: 17 Feb 2023 16:29

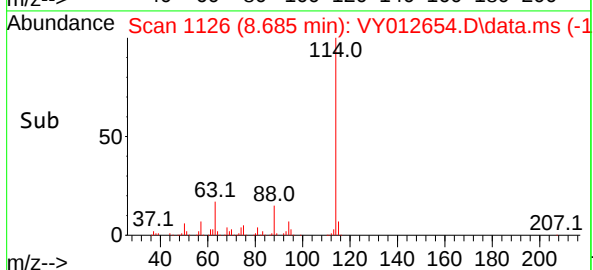
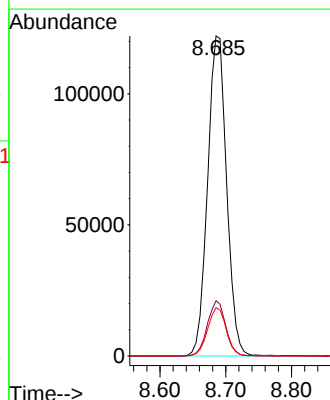
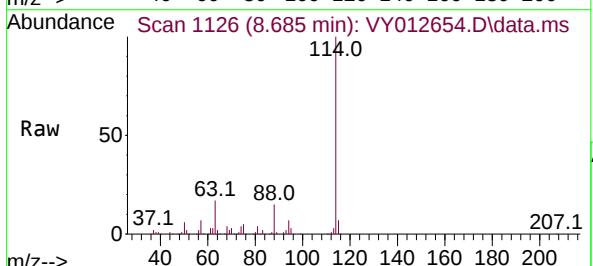
Tgt Ion: 114 Resp: 245241

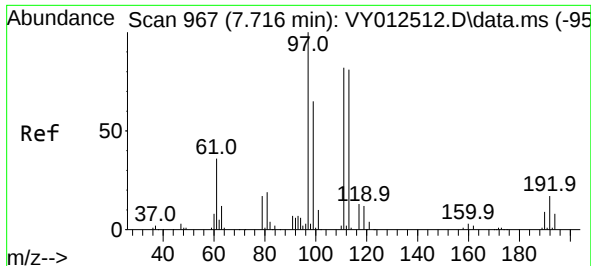
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.6

88 15.1 0.0 29.8

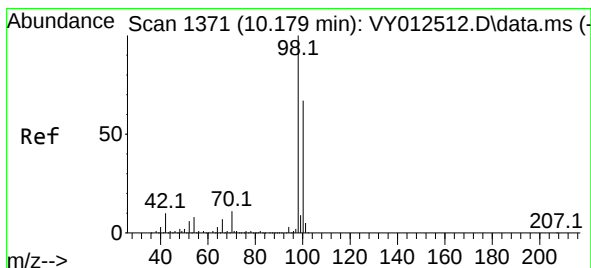
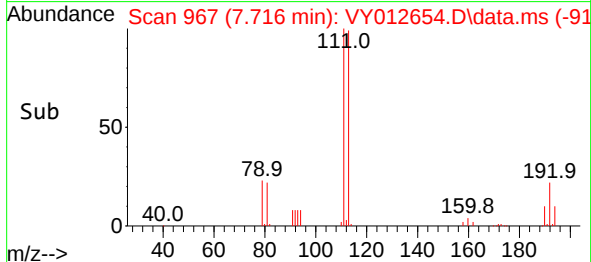
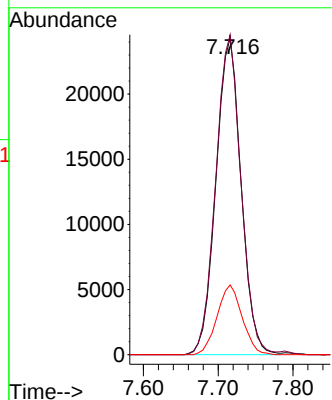
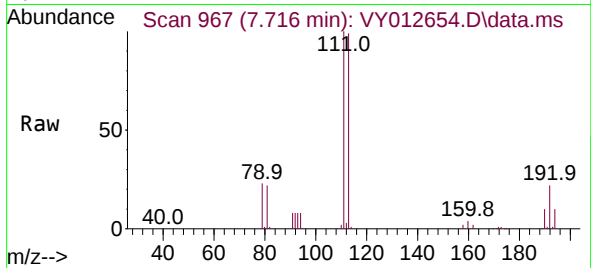




#35
Dibromofluoromethane
Concen: 31.831 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

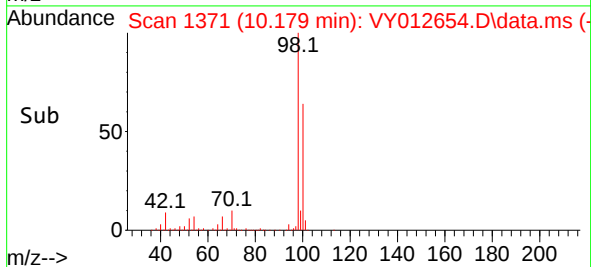
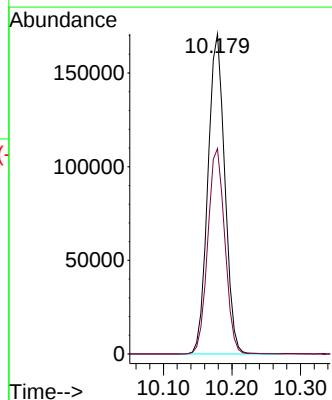
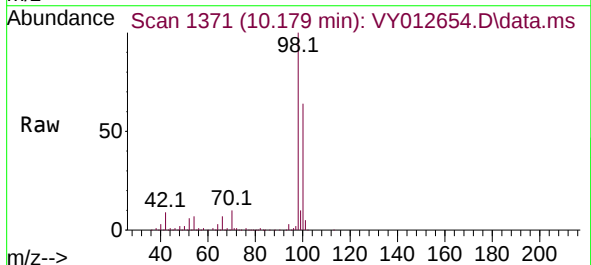
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

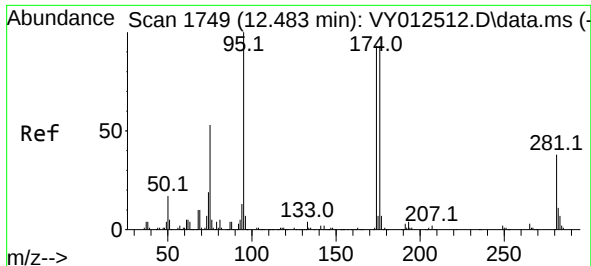
Tgt Ion:113 Resp: 56850
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 21.9 17.5 26.3



#50
Toluene-d8
Concen: 39.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

Tgt Ion: 98 Resp: 292040
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

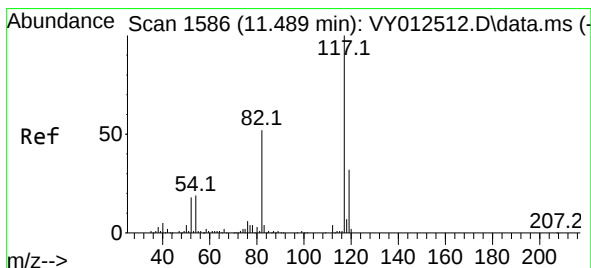
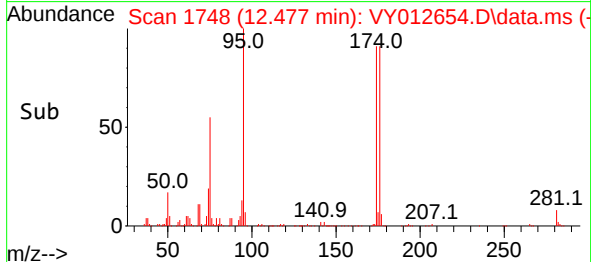
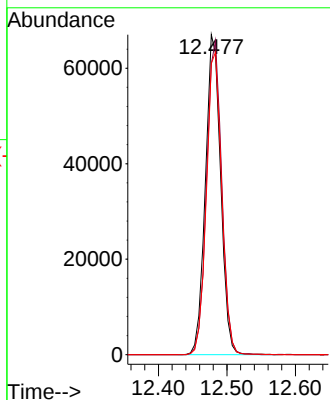
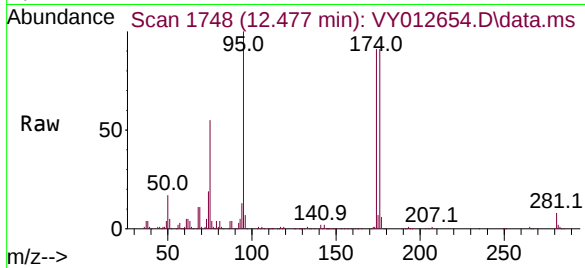




#62
4-Bromofluorobenzene
Concen: 40.019 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

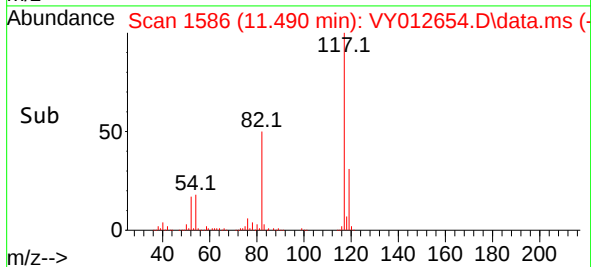
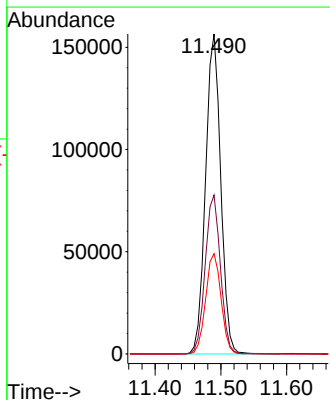
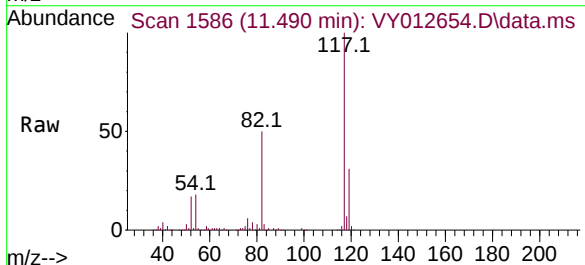
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

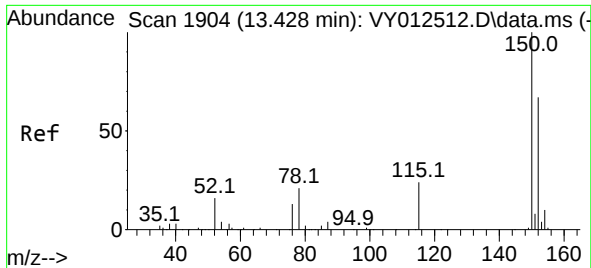
Tgt Ion: 95 Resp: 103766
Ion Ratio Lower Upper
95 100
174 98.1 0.0 188.0
176 94.9 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

Tgt Ion: 117 Resp: 251071
Ion Ratio Lower Upper
117 100
82 49.7 41.7 62.5
119 31.4 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012654.D

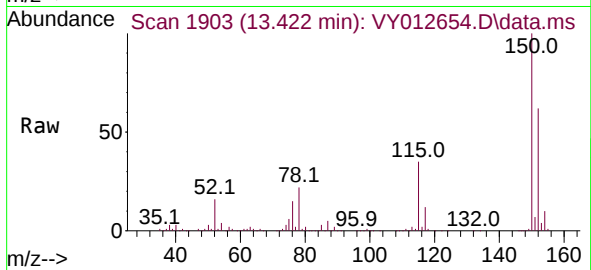
Acq: 17 Feb 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1



Tgt Ion:152 Resp: 124138

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.3

150 158.0 0.0 351.0

