

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012658.D
 Acq On : 17 Feb 2023 18:03
 Operator : KP/MD
 Sample : 01586-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-5

Quant Time: Feb 17 22:48:57 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)

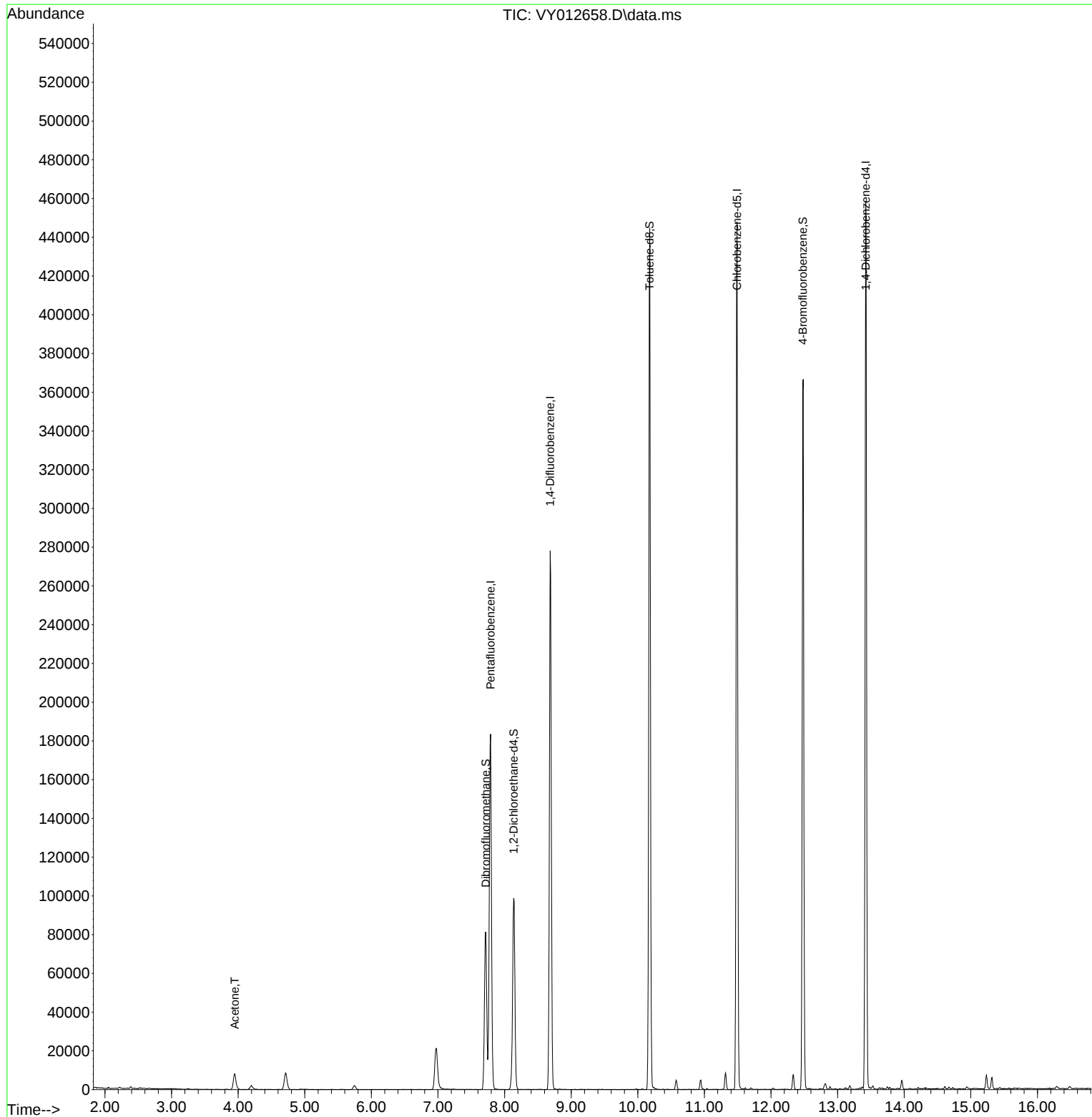
Internal Standards						
1) Pentafluorobenzene	7.789	168	149921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	250315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	255967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83920	44.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.040%
35) Dibromofluoromethane	7.716	113	55810	30.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.240%
50) Toluene-d8	10.179	98	296888	39.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.260%
62) 4-Bromofluorobenzene	12.477	95	102966	38.905	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.820%
Target Compounds						
16) Acetone	3.948	43	14109	30.749	ug/l	Qvalue 88

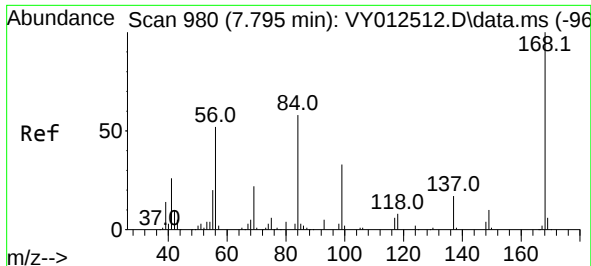
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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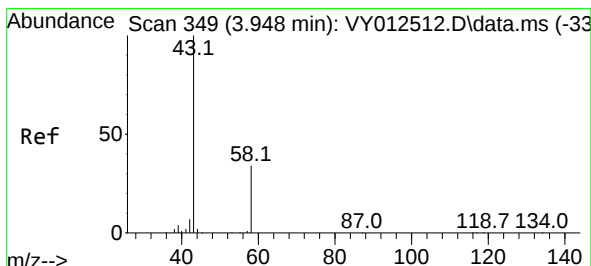
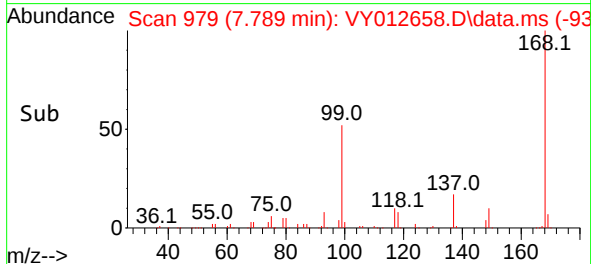
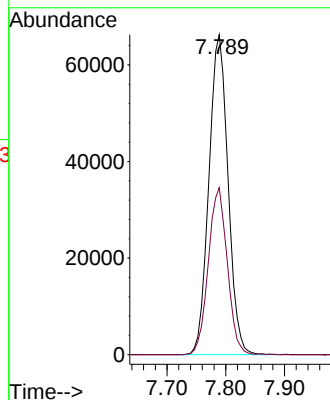
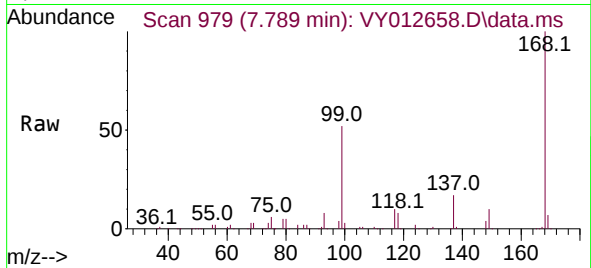




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

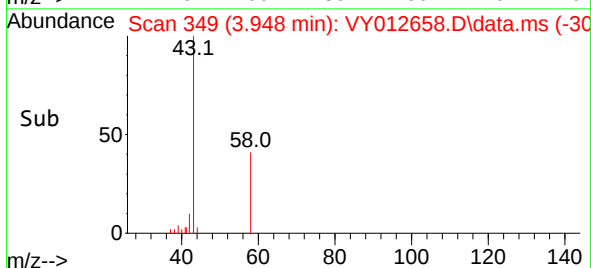
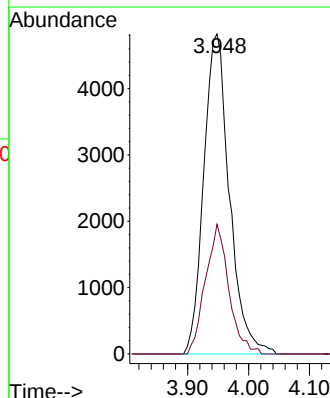
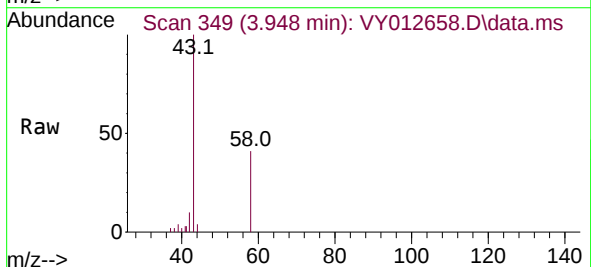
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

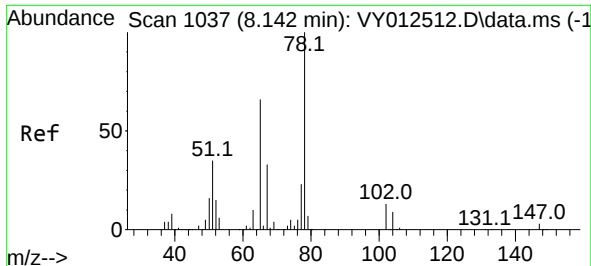
Tgt Ion:168 Resp: 149921
Ion Ratio Lower Upper
168 100
99 52.2 40.8 61.2



#16
Acetone
Concen: 30.749 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

Tgt Ion: 43 Resp: 14109
Ion Ratio Lower Upper
43 100
58 40.5 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 44.019 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012658.D

Acq: 17 Feb 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

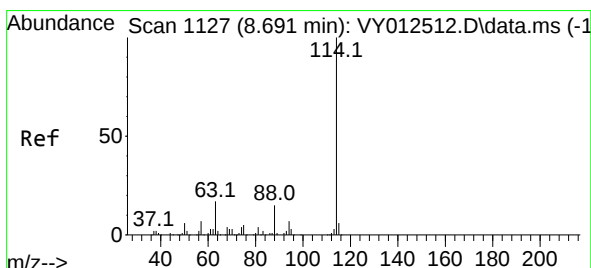
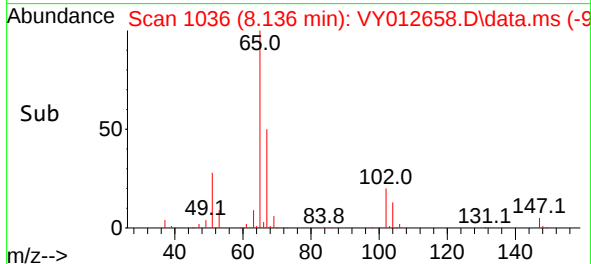
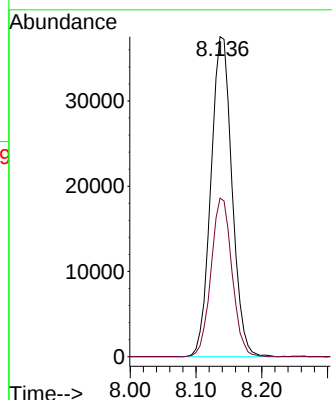
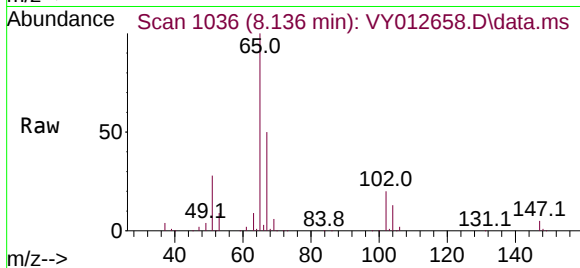
COMP-5

Tgt Ion: 65 Resp: 83920

Ion Ratio Lower Upper

65 100

67 49.2 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: VY012658.D

Acq: 17 Feb 2023 18:03

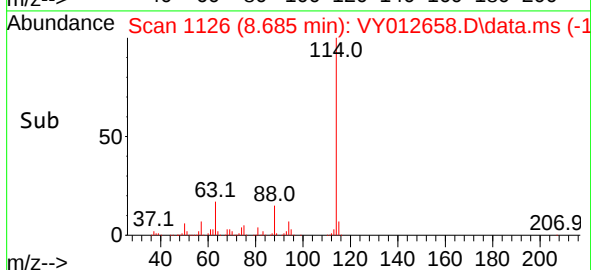
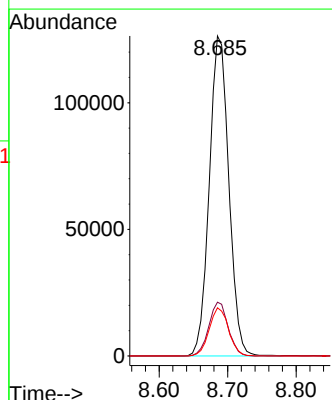
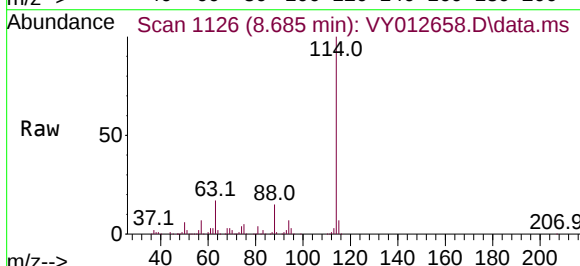
Tgt Ion: 114 Resp: 250315

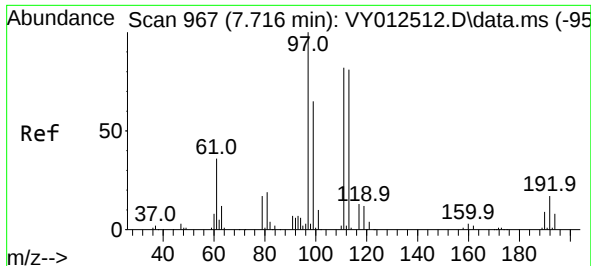
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.6

88 15.0 0.0 29.8

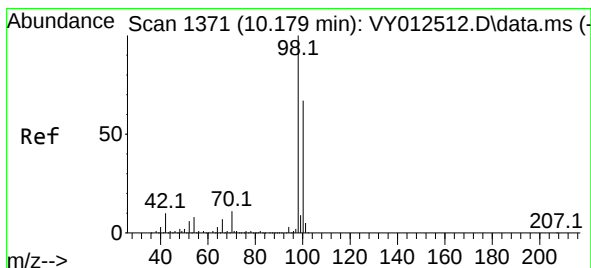
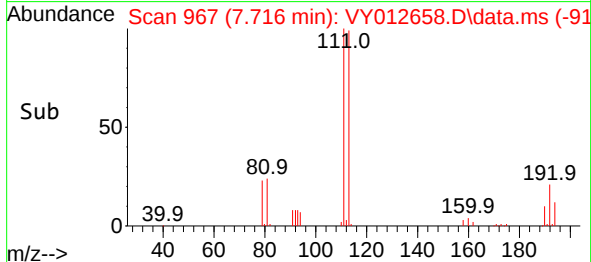
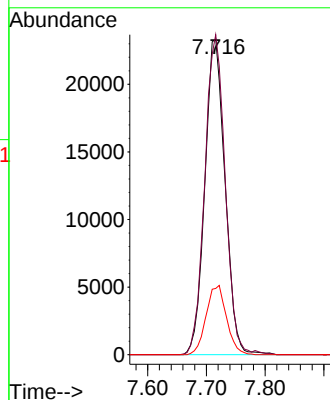
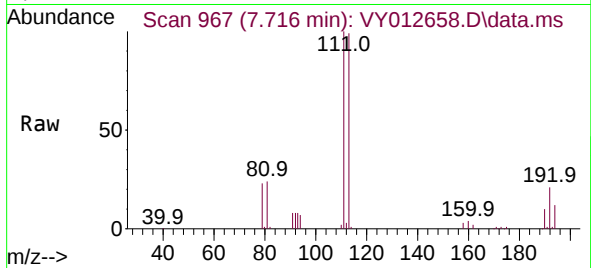




#35
Dibromofluoromethane
Concen: 30.615 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

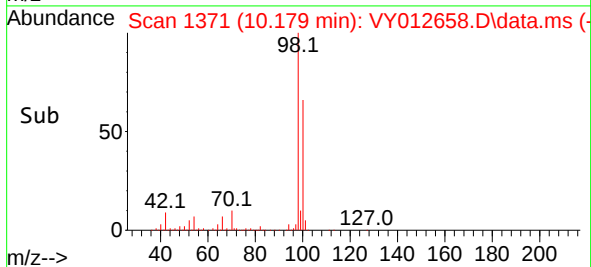
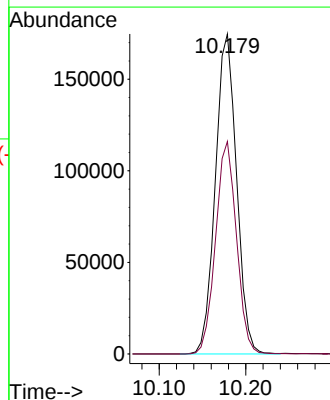
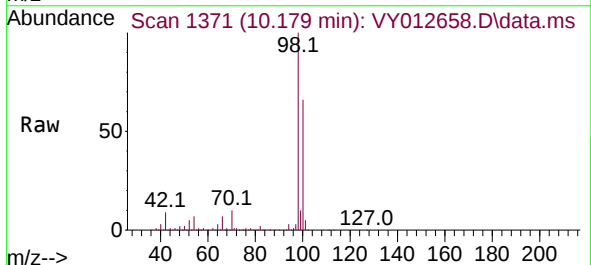
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

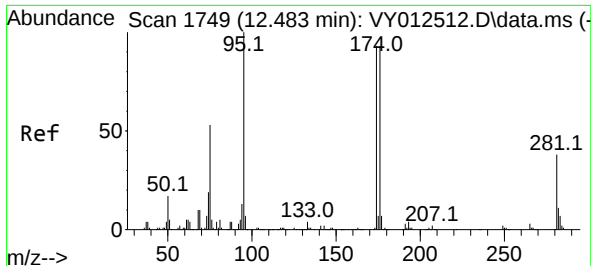
Tgt Ion:113 Resp: 55810
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 22.1 17.5 26.3



#50
Toluene-d8
Concen: 39.128 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

Tgt Ion: 98 Resp: 296888
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2

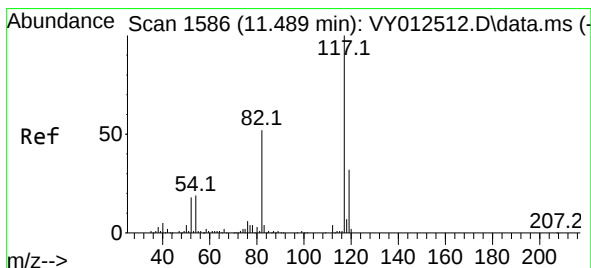
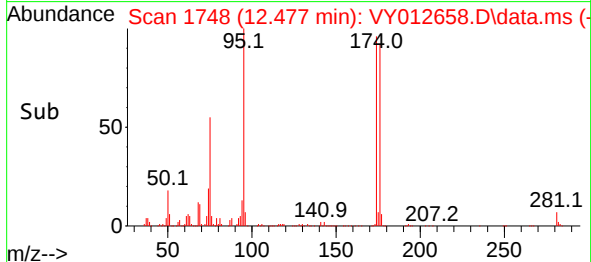
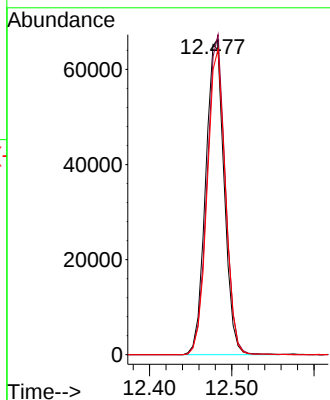
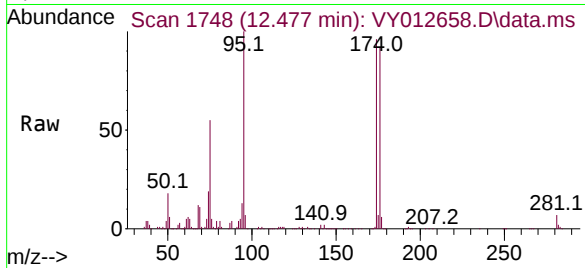




#62
4-Bromofluorobenzene
Concen: 38.905 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

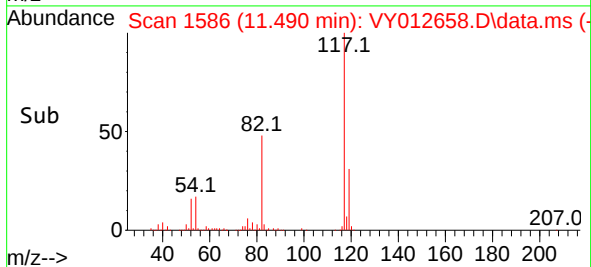
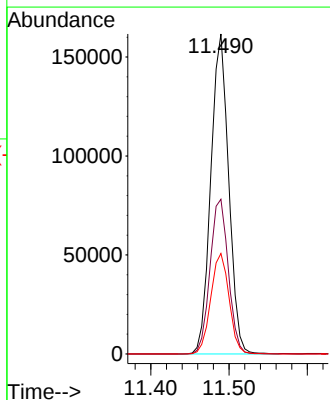
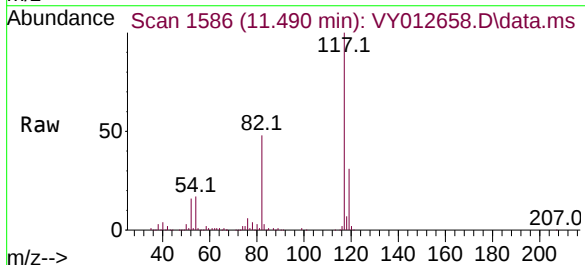
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

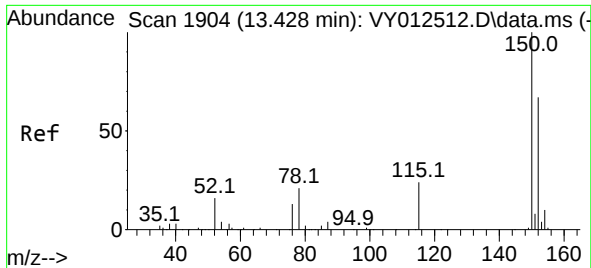
Tgt Ion: 95 Resp: 102966
Ion Ratio Lower Upper
95 100
174 100.3 0.0 188.0
176 95.8 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

Tgt Ion: 117 Resp: 255967
Ion Ratio Lower Upper
117 100
82 48.4 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: VY012658.D

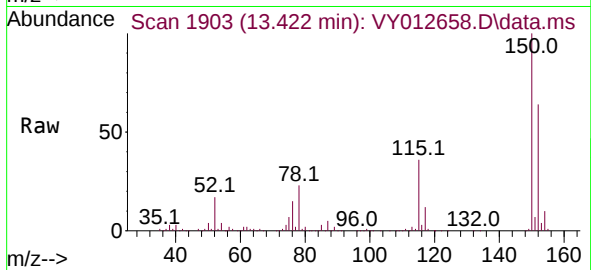
Acq: 17 Feb 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

COMP-5



Tgt Ion:152 Resp: 127710

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.3

150 155.7 0.0 351.0

