

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012656.D
 Acq On : 17 Feb 2023 17:16
 Operator : KP/MD
 Sample : 01586-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Feb 17 22:48:07 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)

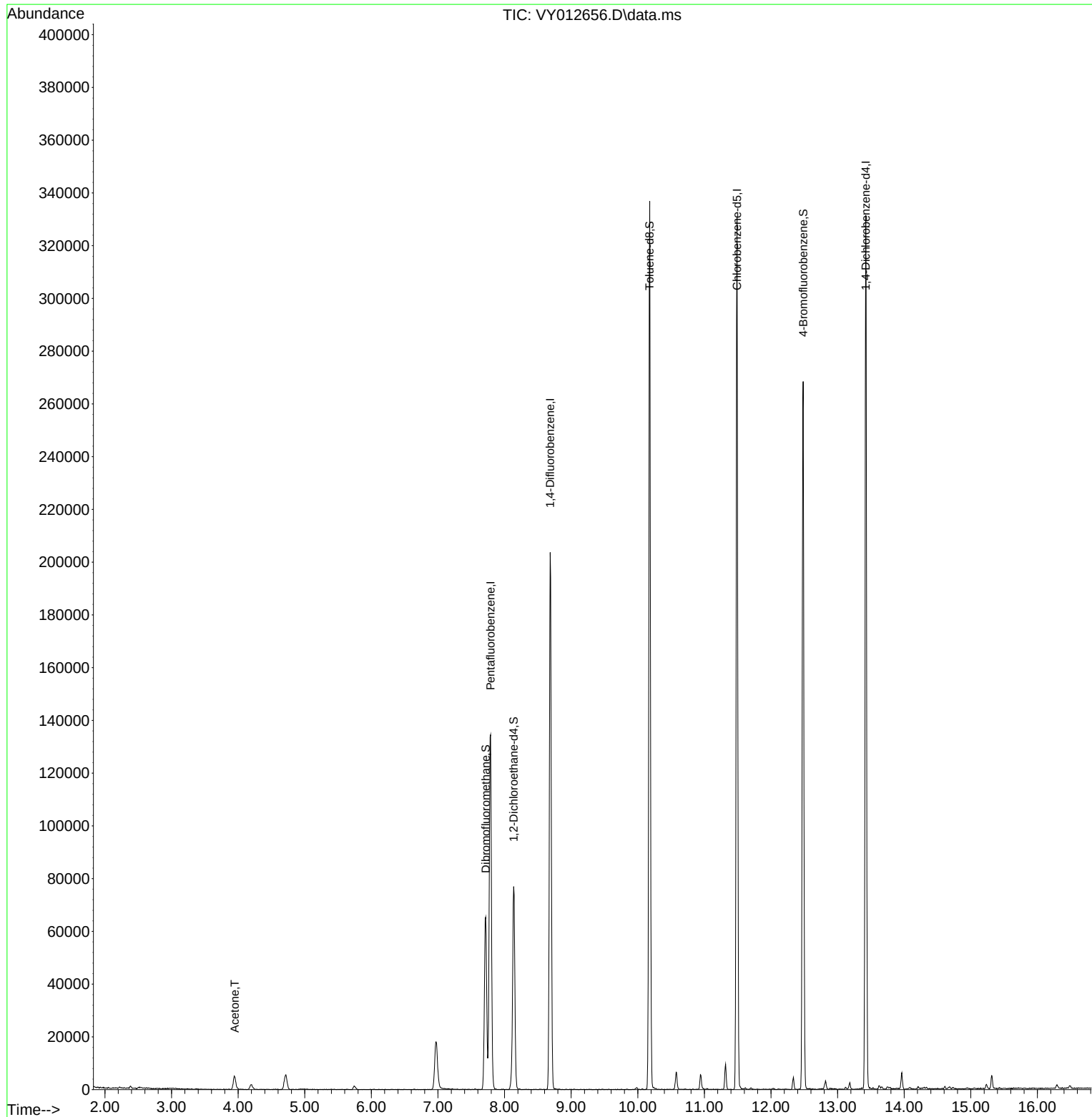
Internal Standards						
1) Pentafluorobenzene	7.789	168	111671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	186920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	64528	45.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.880%
35) Dibromofluoromethane	7.716	113	45009	33.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.120%
50) Toluene-d8	10.179	98	221942	39.171	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.340%
62) 4-Bromofluorobenzene	12.483	95	74663	37.779	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.560%
Target Compounds						
16) Acetone	3.948	43	8647	25.300	ug/l	Qvalue 93

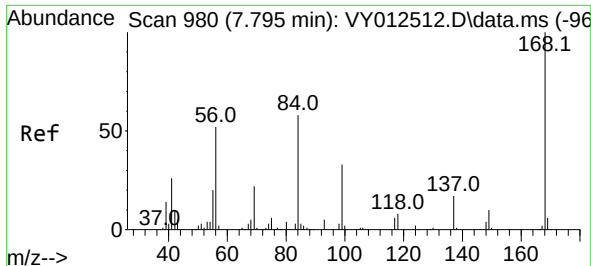
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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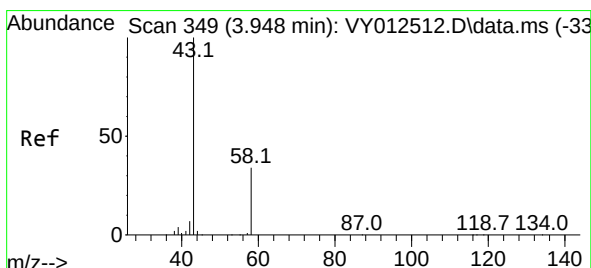
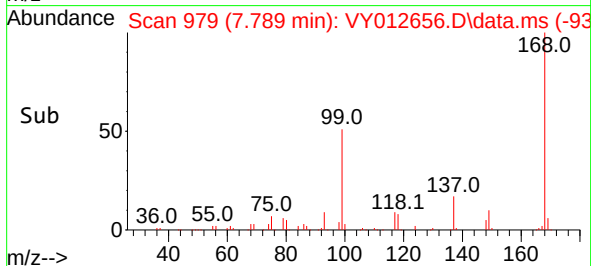
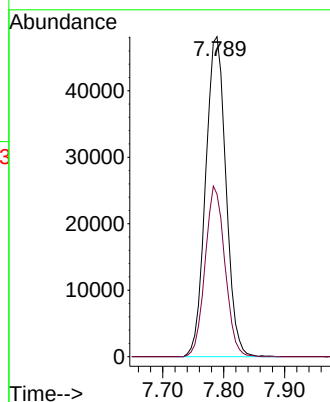
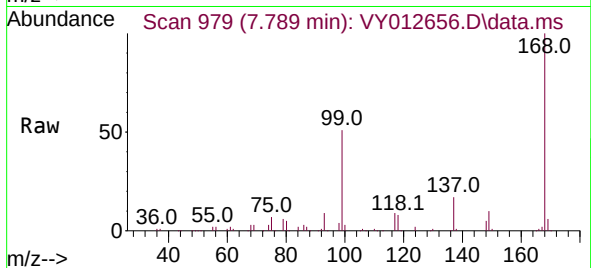




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

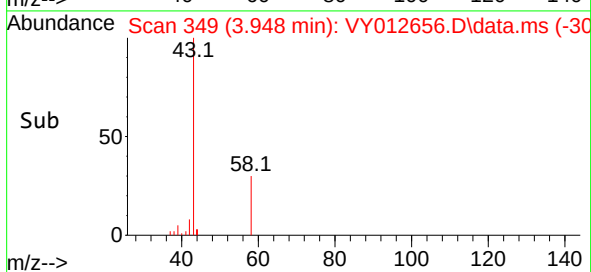
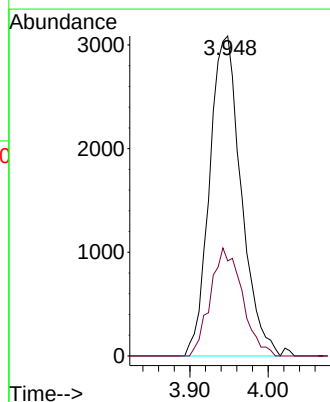
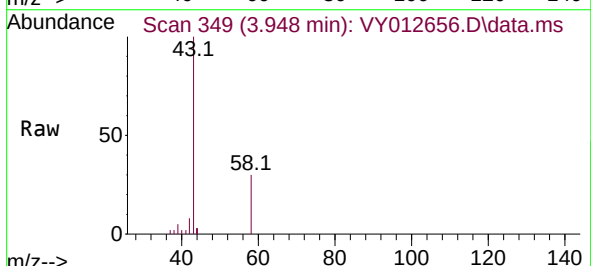
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

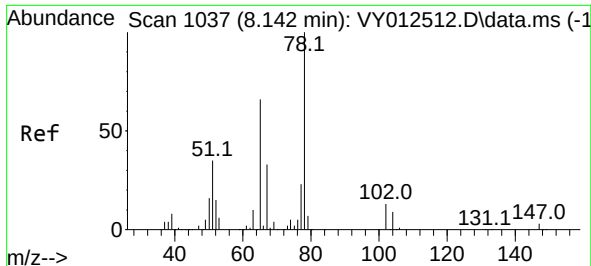
Tgt Ion:168 Resp: 111671
Ion Ratio Lower Upper
168 100
99 50.8 40.8 61.2



#16
Acetone
Concen: 25.300 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

Tgt Ion: 43 Resp: 8647
Ion Ratio Lower Upper
43 100
58 29.7 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 45.441 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012656.D

Acq: 17 Feb 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

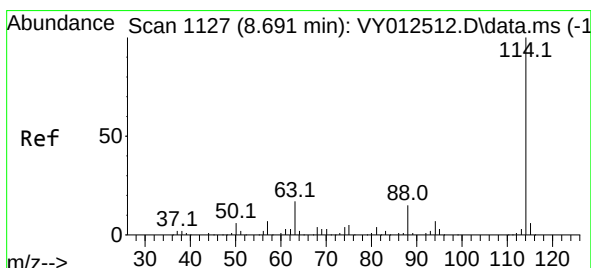
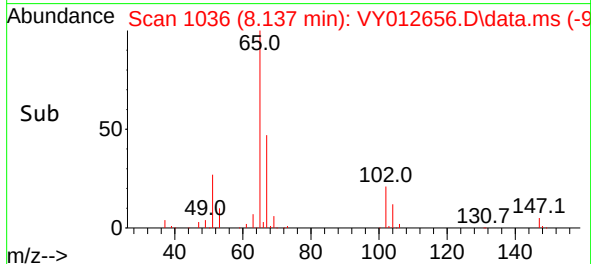
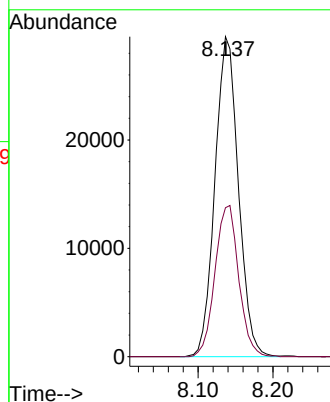
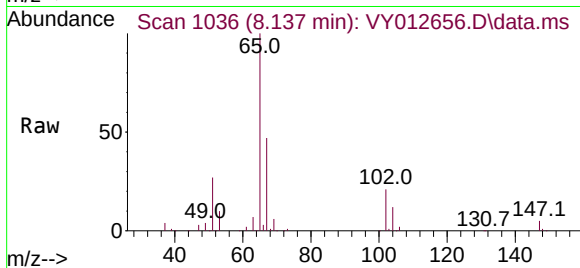
COMP-3

Tgt Ion: 65 Resp: 64528

Ion Ratio Lower Upper

65 100

67 47.8 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: VY012656.D

Acq: 17 Feb 2023 17:16

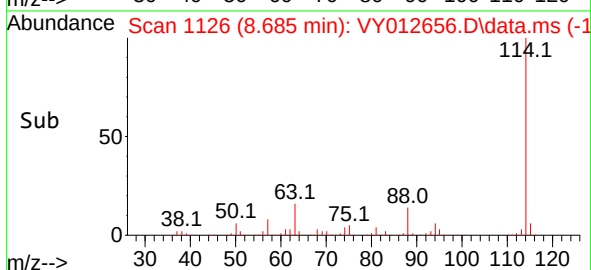
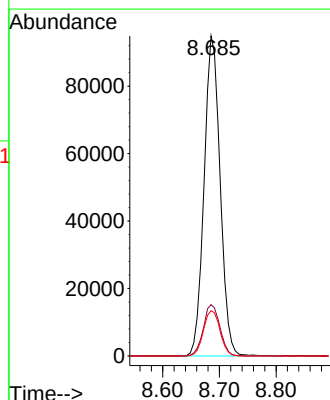
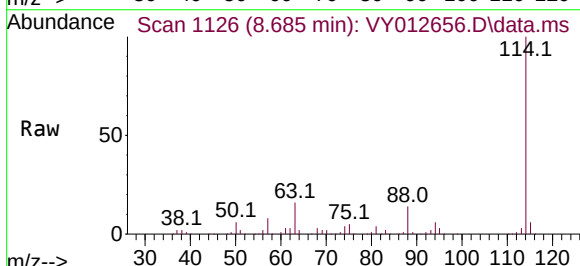
Tgt Ion: 114 Resp: 186920

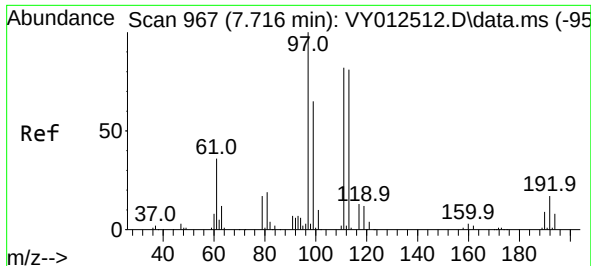
Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.6

88 14.1 0.0 29.8

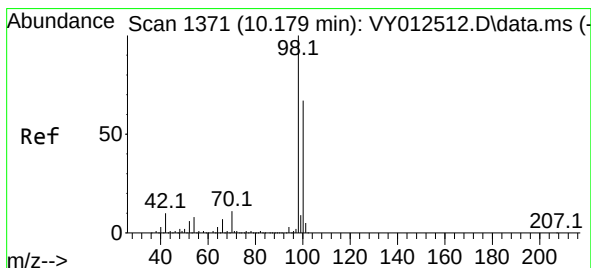
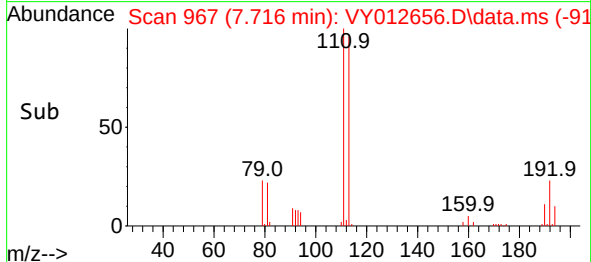
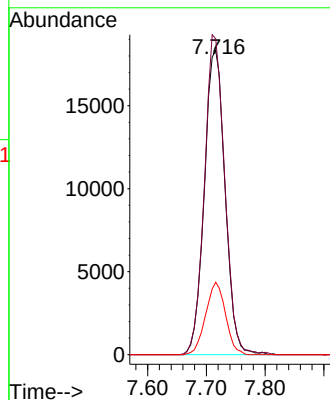
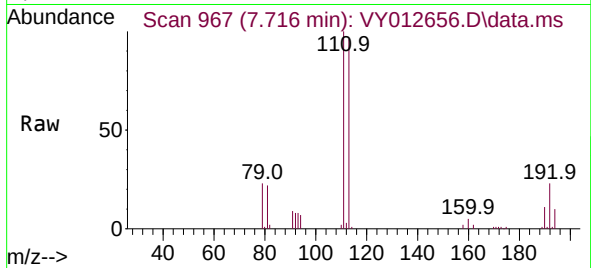




#35
Dibromofluoromethane
Concen: 33.064 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

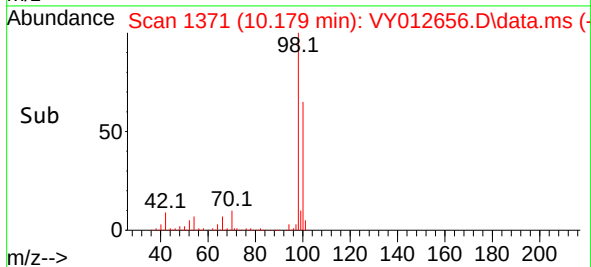
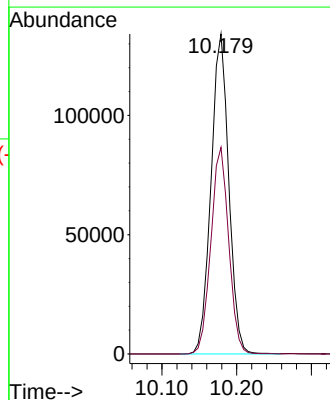
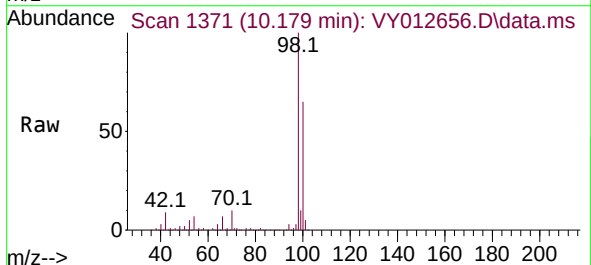
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

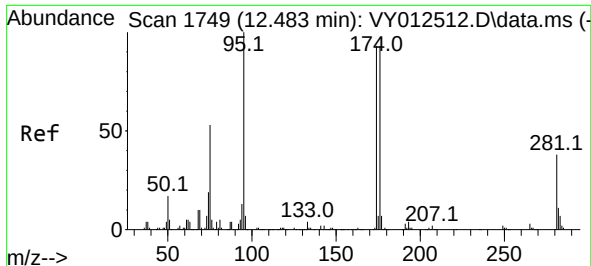
Tgt Ion:113 Resp: 45009
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 22.8 17.5 26.3



#50
Toluene-d8
Concen: 39.171 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

Tgt Ion: 98 Resp: 221942
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

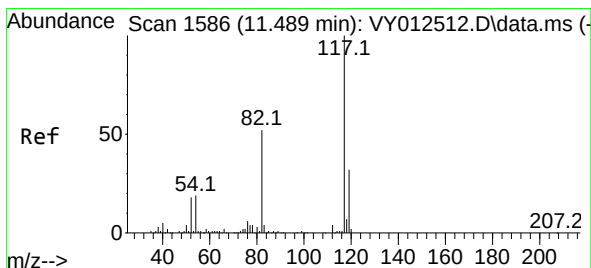
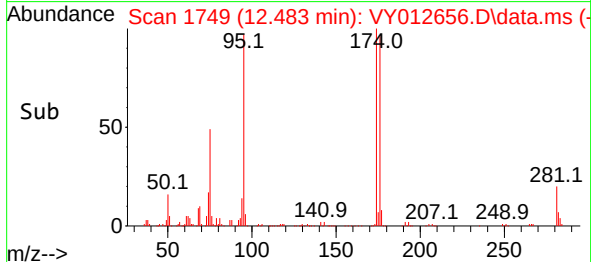
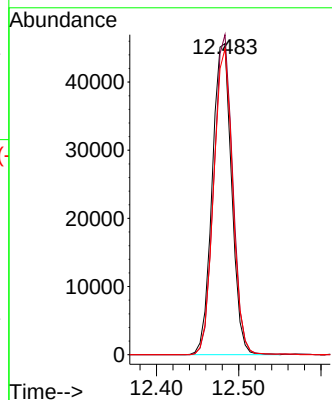
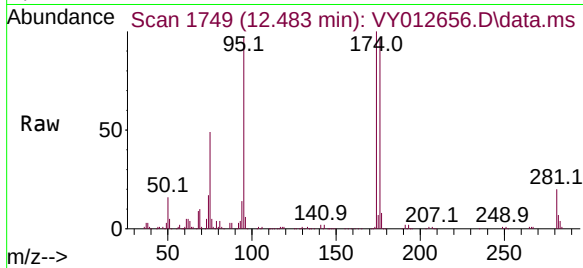




#62
4-Bromofluorobenzene
Concen: 37.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

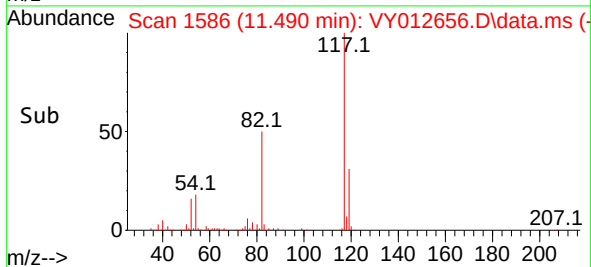
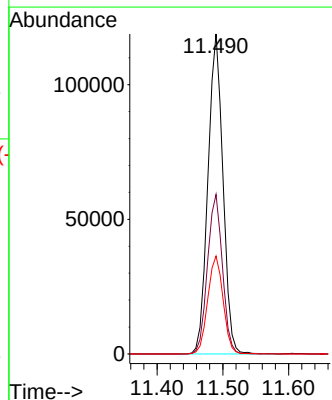
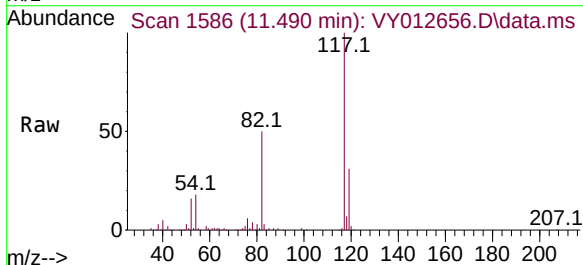
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

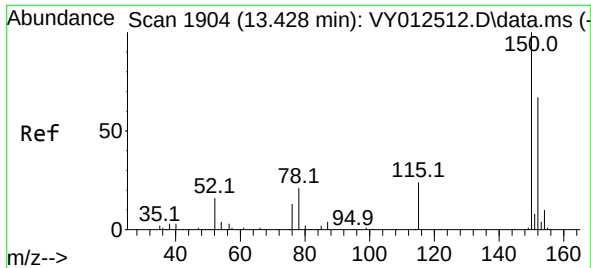
Tgt Ion: 95 Resp: 74663
Ion Ratio Lower Upper
95 100
174 99.5 0.0 188.0
176 96.1 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012656.D
Acq: 17 Feb 2023 17:16

Tgt Ion: 117 Resp: 188570
Ion Ratio Lower Upper
117 100
82 49.9 41.7 62.5
119 30.6 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: VY012656.D

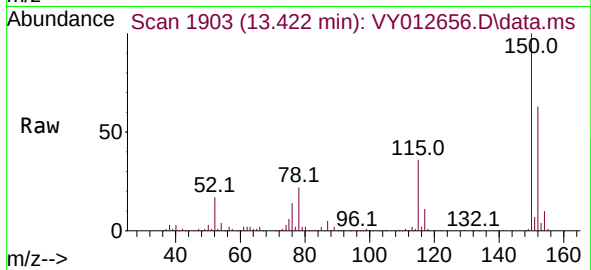
Acq: 17 Feb 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3



Tgt Ion:152 Resp: 91476

Ion Ratio Lower Upper

152 100

115 54.9 28.1 84.3

150 157.4 0.0 351.0

