

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012655.D
 Acq On : 17 Feb 2023 16:53
 Operator : KP/MD
 Sample : 01586-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Feb 17 22:47:42 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)

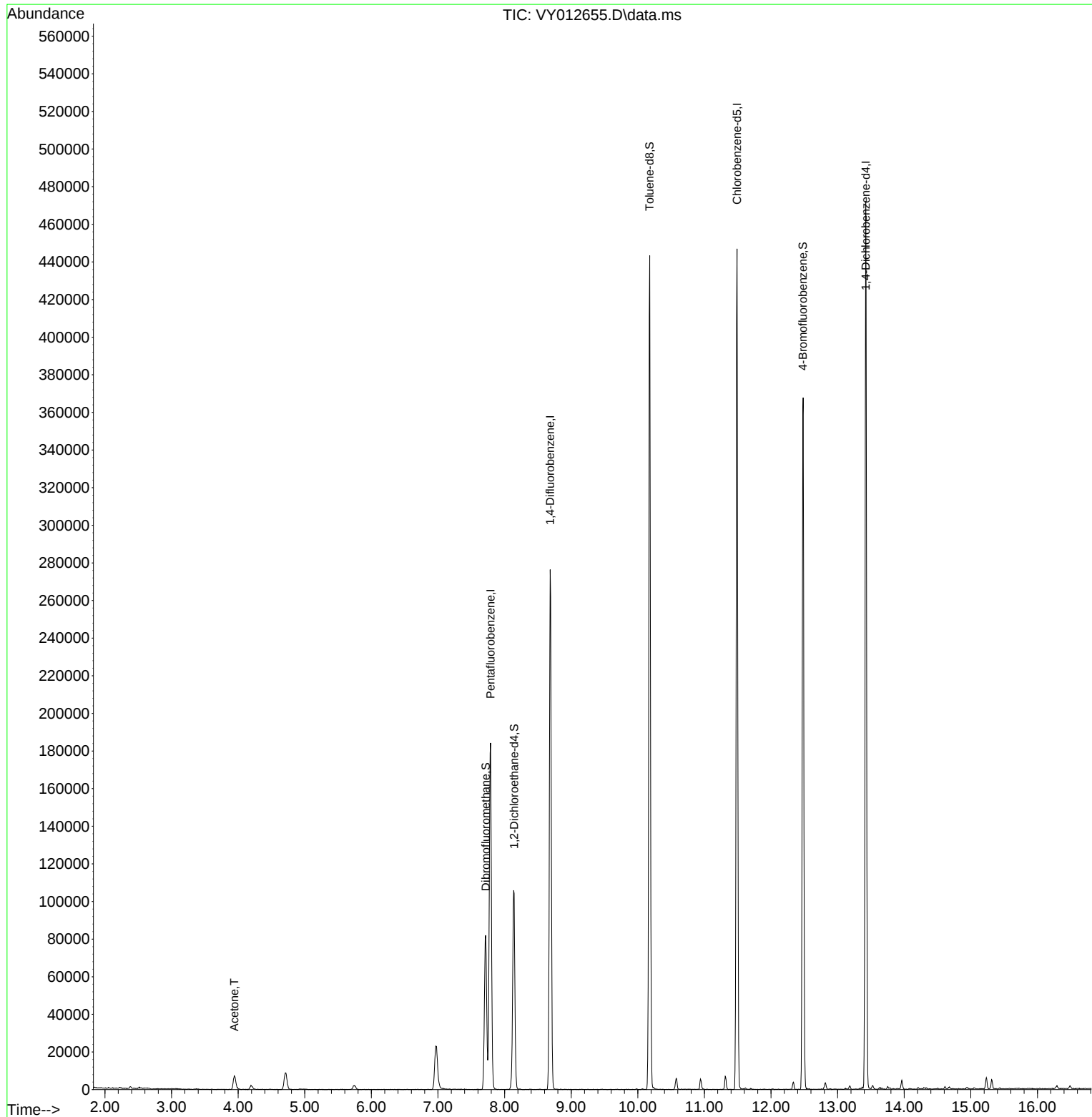
Internal Standards						
1) Pentafluorobenzene	7.789	168	149321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	255182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	88891	46.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.620%
35) Dibromofluoromethane	7.716	113	56414	31.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.260%
50) Toluene-d8	10.179	98	295231	39.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.280%
62) 4-Bromofluorobenzene	12.477	95	104883	39.868	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.740%
Target Compounds						
16) Acetone	3.942	43	12977	28.395	ug/l	Qvalue 99

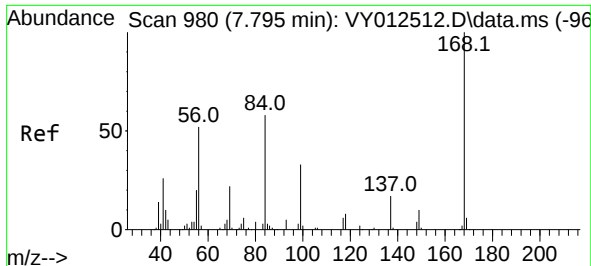
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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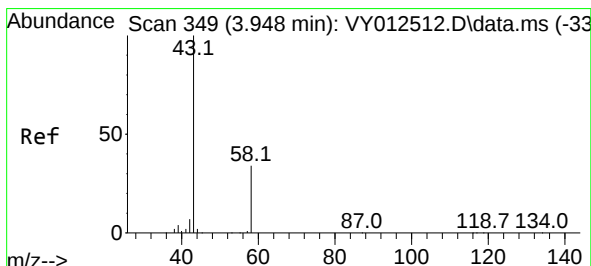
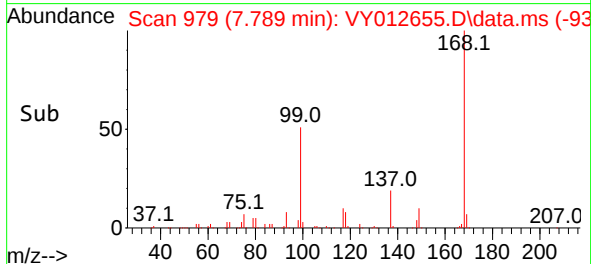
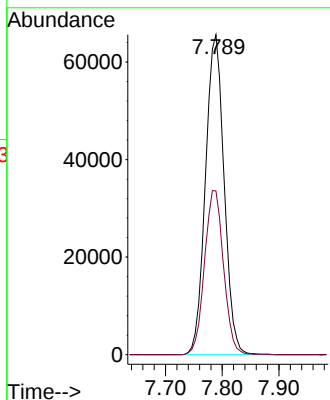
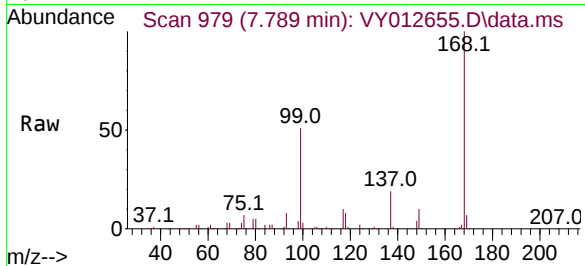




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012655.D
Acq: 17 Feb 2023 16:53

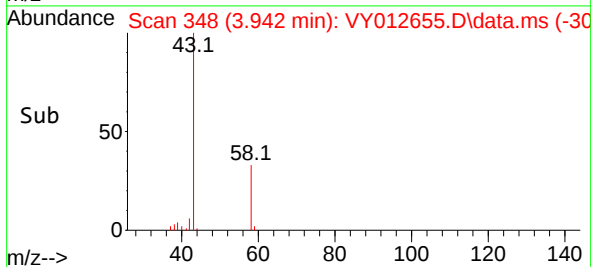
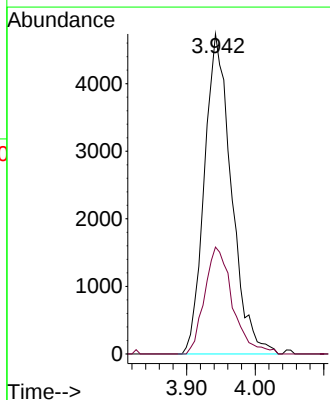
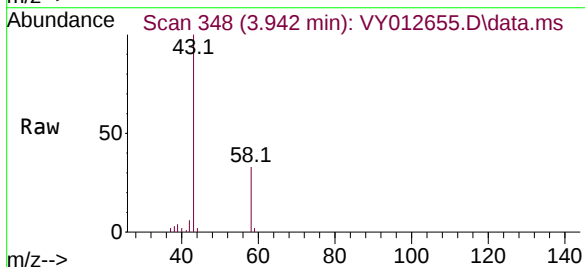
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

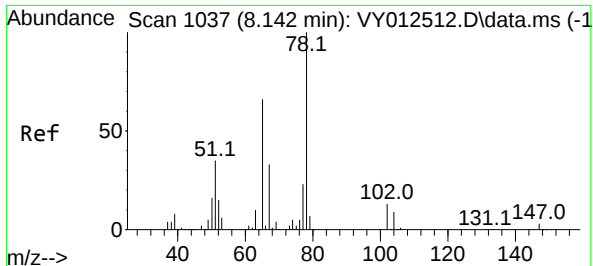
Tgt Ion:168 Resp: 149321
Ion Ratio Lower Upper
168 100
99 51.2 40.8 61.2



#16
Acetone
Concen: 28.395 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012655.D
Acq: 17 Feb 2023 16:53

Tgt Ion: 43 Resp: 12977
Ion Ratio Lower Upper
43 100
58 33.4 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 46.814 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY012655.D

Acq: 17 Feb 2023 16:53

Instrument :

MSVOA_Y

ClientSampleId :

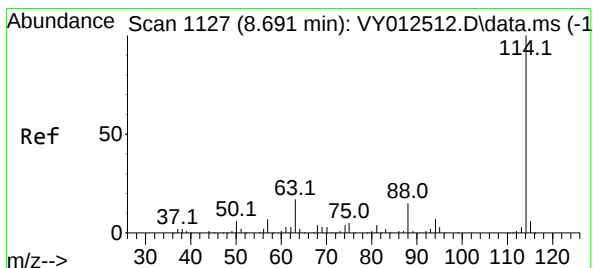
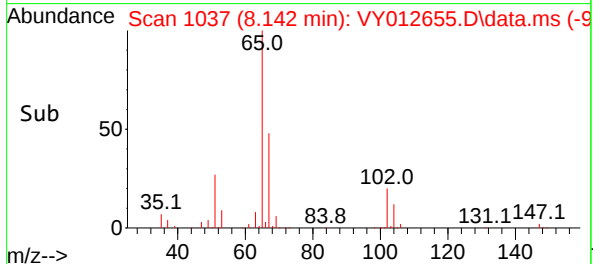
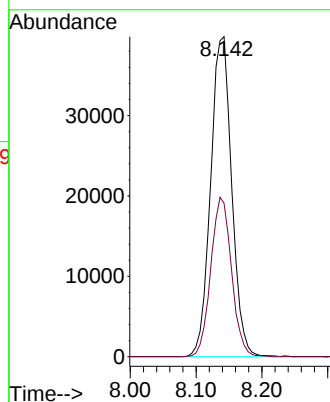
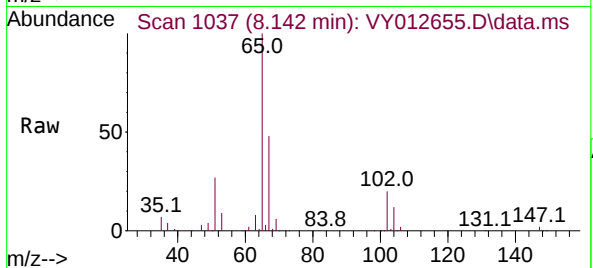
COMP-2

Tgt Ion: 65 Resp: 88891

Ion Ratio Lower Upper

65 100

67 48.9 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: VY012655.D

Acq: 17 Feb 2023 16:53

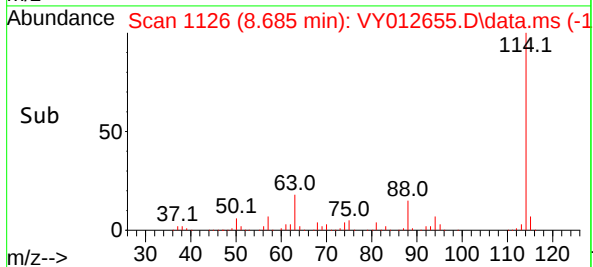
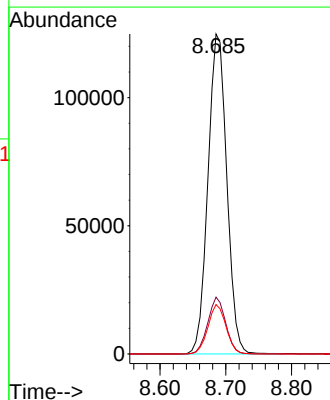
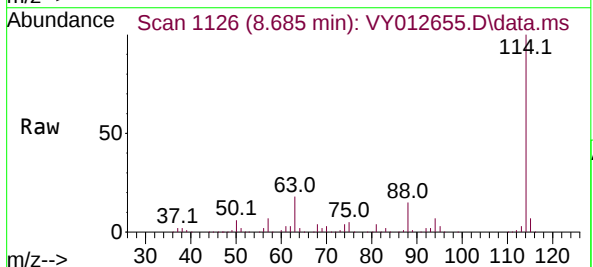
Tgt Ion: 114 Resp: 248815

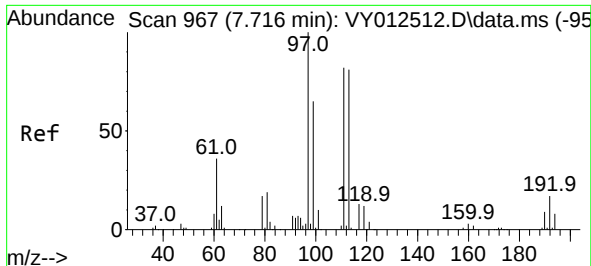
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.6

88 15.5 0.0 29.8

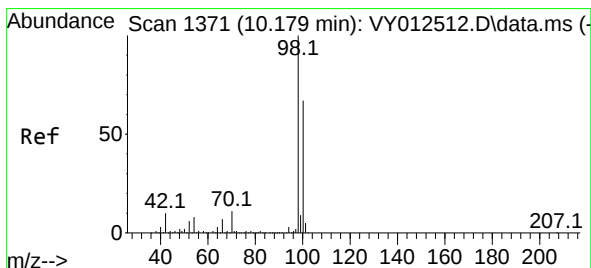
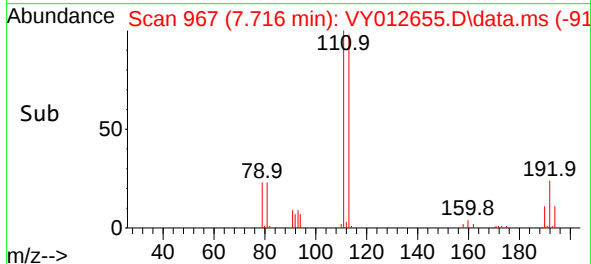
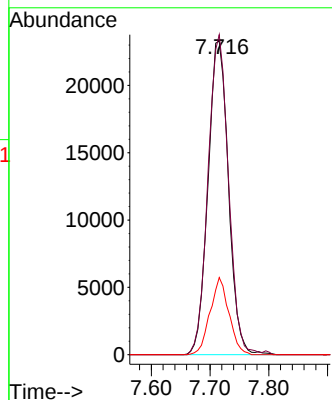
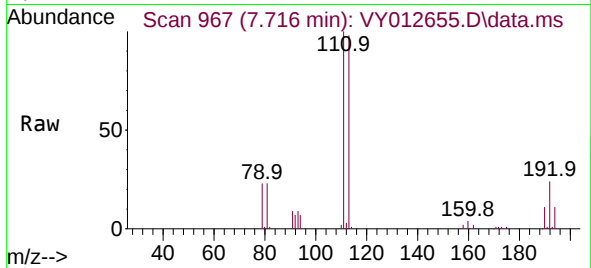




#35
Dibromofluoromethane
Concen: 31.133 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012655.D
Acq: 17 Feb 2023 16:53

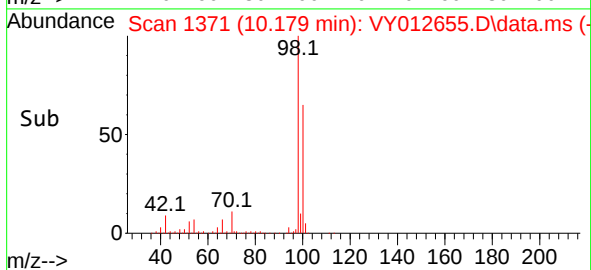
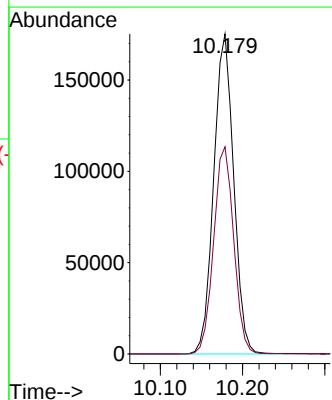
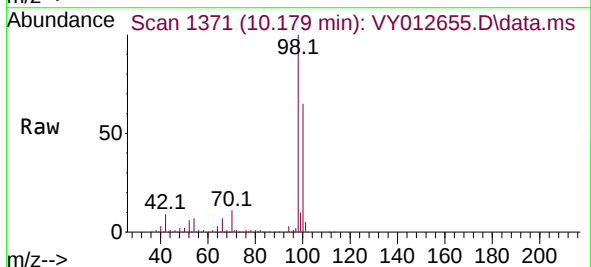
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

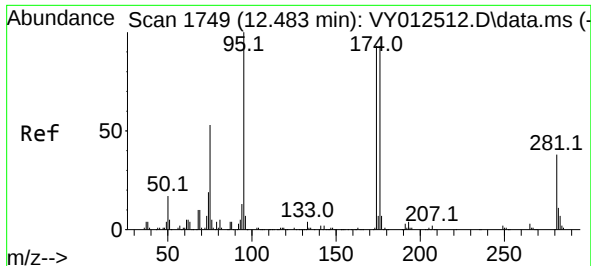
Tgt Ion:113 Resp: 56414
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 22.7 17.5 26.3



#50
Toluene-d8
Concen: 39.144 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012655.D
Acq: 17 Feb 2023 16:53

Tgt Ion: 98 Resp: 295231
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

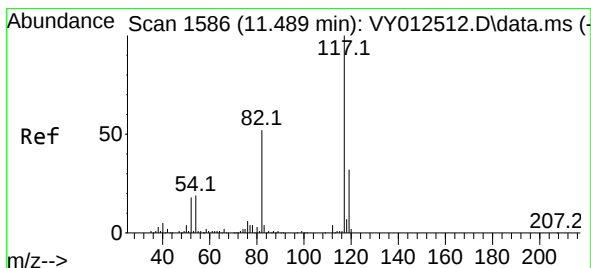
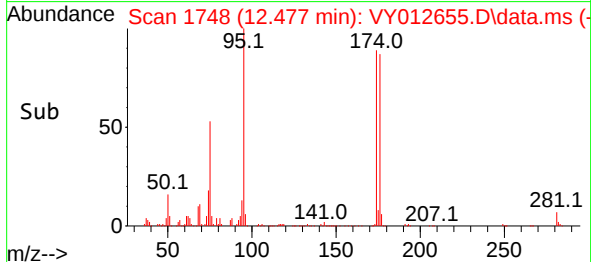
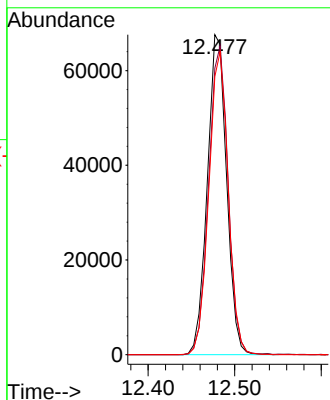
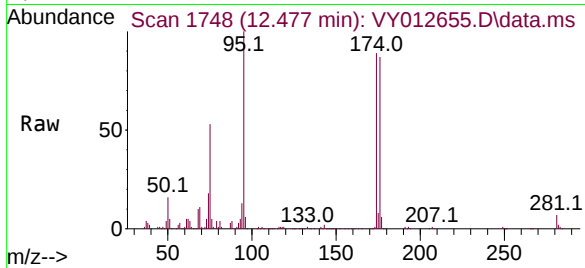




#62
4-Bromofluorobenzene
Concen: 39.868 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012655.D
Acq: 17 Feb 2023 16:53

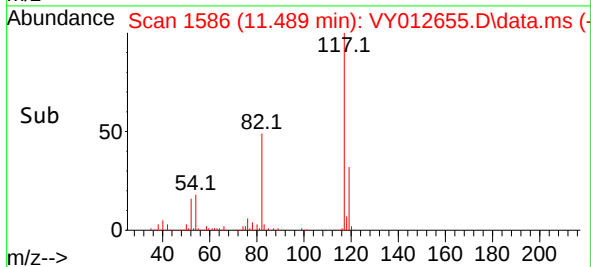
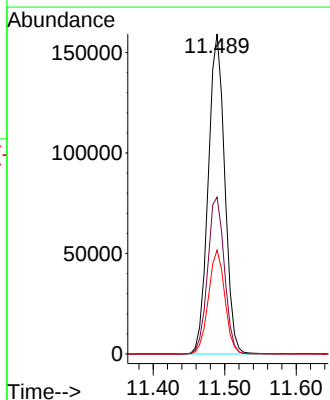
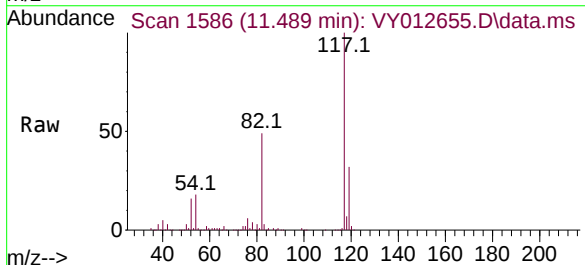
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

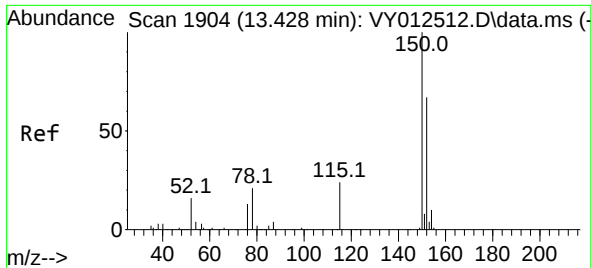
Tgt Ion: 95 Resp: 104883
Ion Ratio Lower Upper
95 100
174 97.4 0.0 188.0
176 94.7 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012655.D
Acq: 17 Feb 2023 16:53

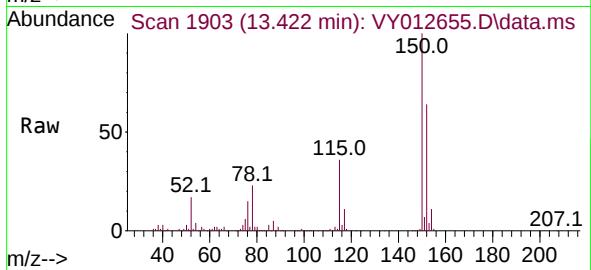
Tgt Ion: 117 Resp: 255182
Ion Ratio Lower Upper
117 100
82 49.0 41.7 62.5
119 32.5 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY012655.D
 Acq: 17 Feb 2023 16:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2



Tgt Ion:152 Resp: 127877

Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.1	84.3
150	156.4	0.0	351.0

