

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014866.D
 Acq On : 26 Jul 2023 21:46
 Operator : SY/MD
 Sample : 03777-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jul 27 01:15:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

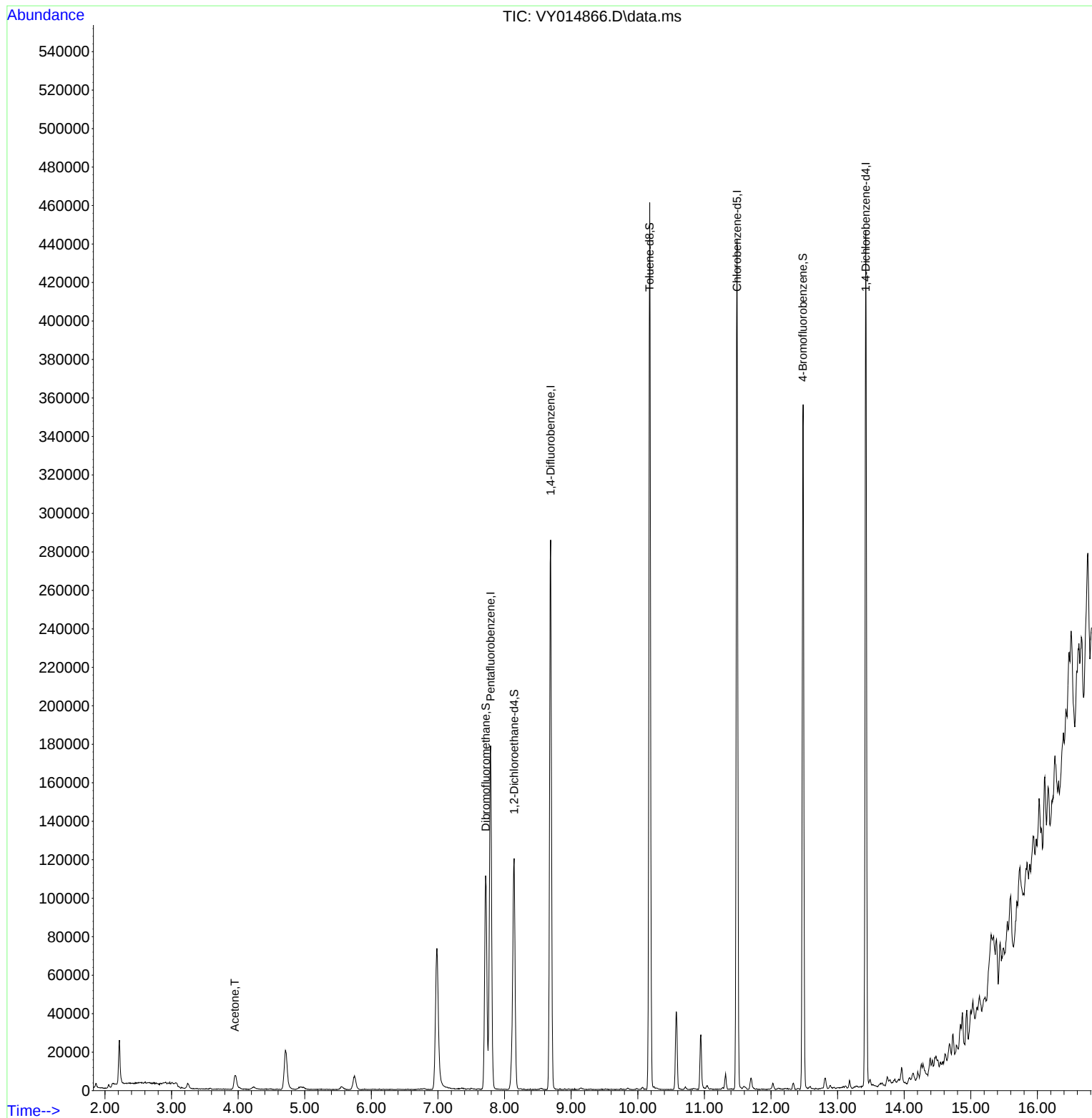
Internal Standards						
1) Pentafluorobenzene	7.789	168	139407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	246330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88459	55.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.360%
35) Dibromofluoromethane	7.716	113	78858	50.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.580%
50) Toluene-d8	10.179	98	294783	50.990	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.477	95	107653	48.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.120%
Target Compounds						
16) Acetone	3.948	43	14750	29.300	ug/l	Qvalue 99

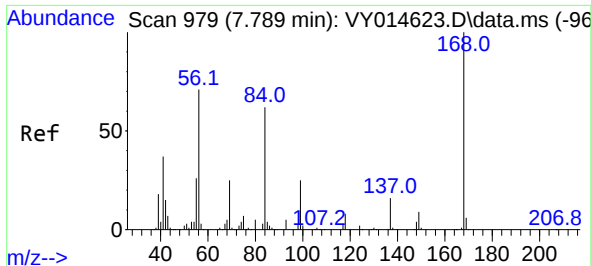
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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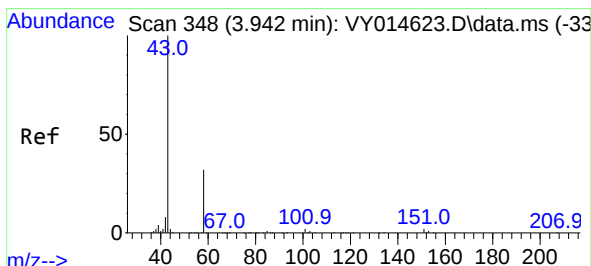
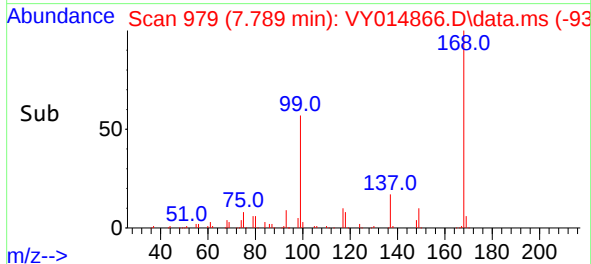
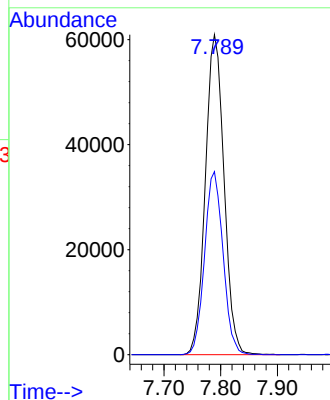
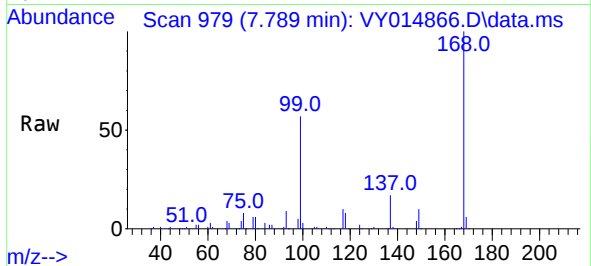




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014866.D
Acq: 26 Jul 2023 21:46

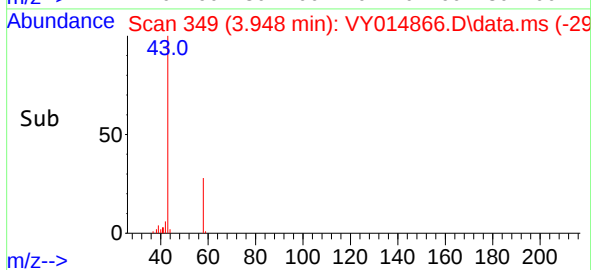
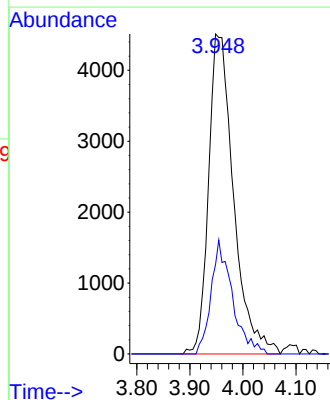
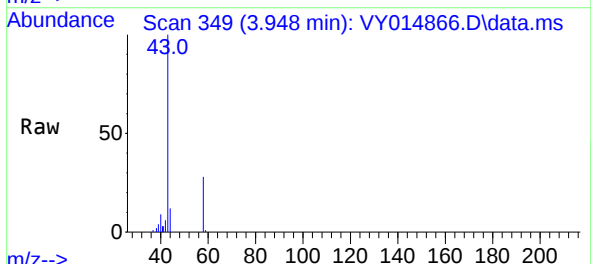
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

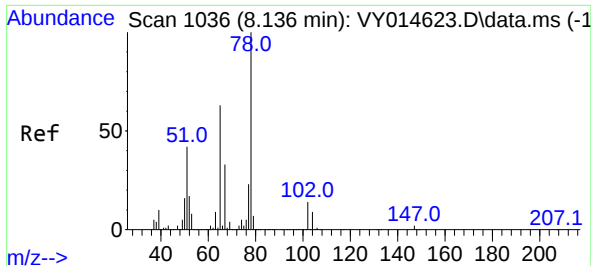
Tgt Ion:168 Resp: 139407
Ion Ratio Lower Upper
168 100
99 57.2 43.4 65.0



#16
Acetone
Concen: 29.300 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014866.D
Acq: 26 Jul 2023 21:46

Tgt Ion: 43 Resp: 14750
Ion Ratio Lower Upper
43 100
58 28.0 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 55.684 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY014866.D

Acq: 26 Jul 2023 21:46

Instrument :

MSVOA_Y

ClientSampleId :

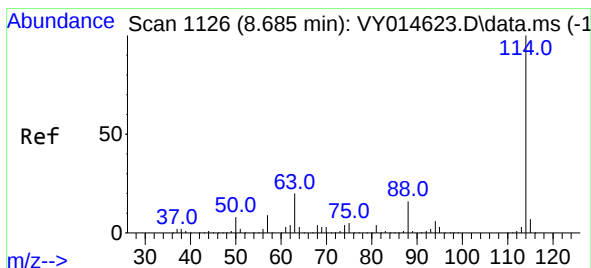
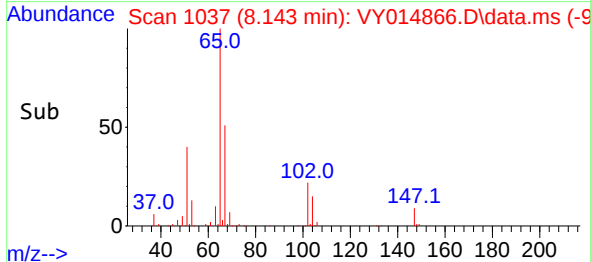
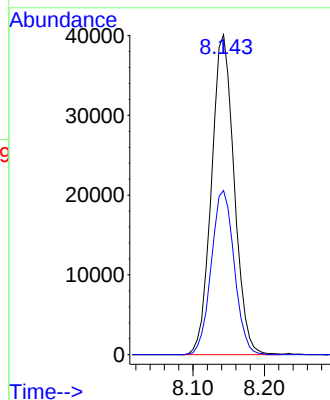
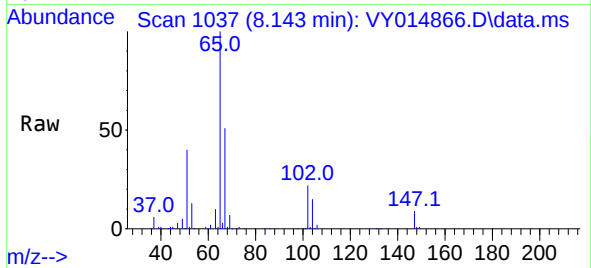
WC-1

Tgt Ion: 65 Resp: 88459

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014866.D

Acq: 26 Jul 2023 21:46

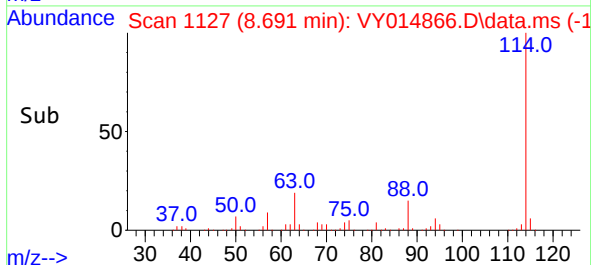
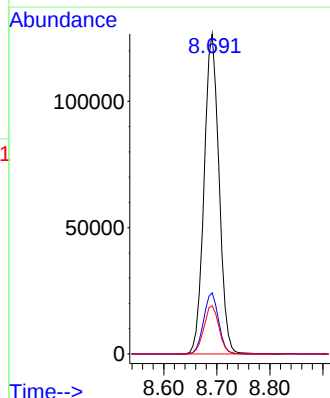
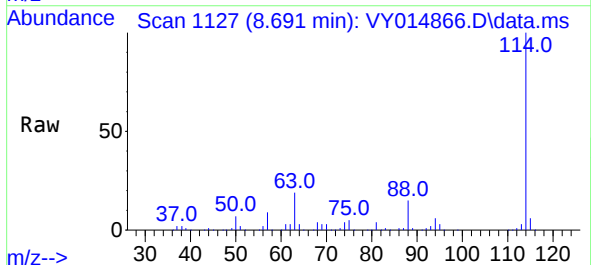
Tgt Ion: 114 Resp: 246330

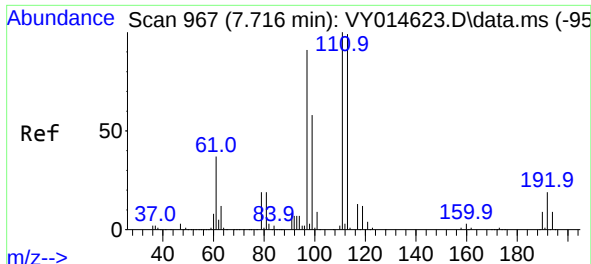
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.0 0.0 30.6

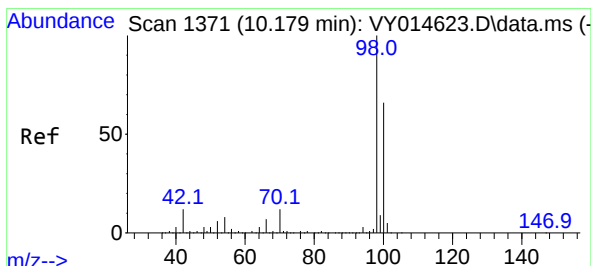
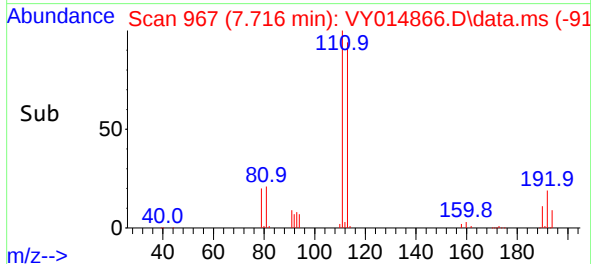
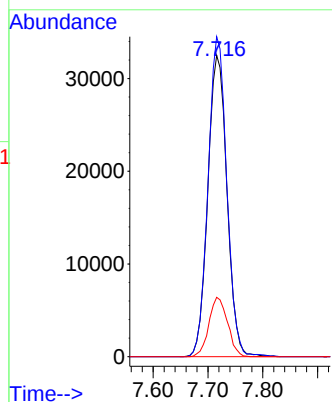
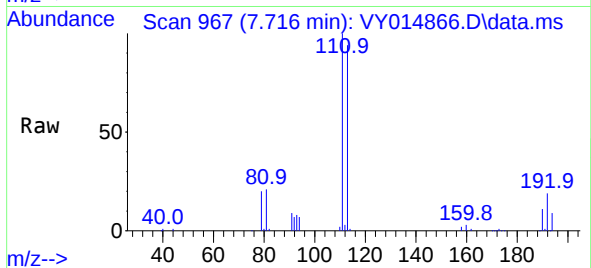




#35
Dibromofluoromethane
Concen: 50.290 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014866.D
Acq: 26 Jul 2023 21:46

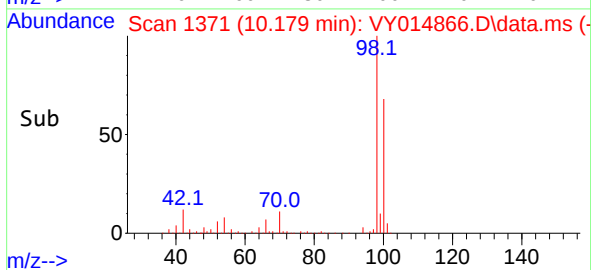
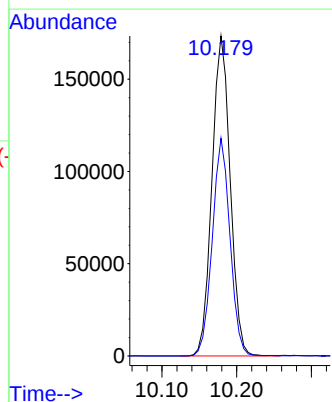
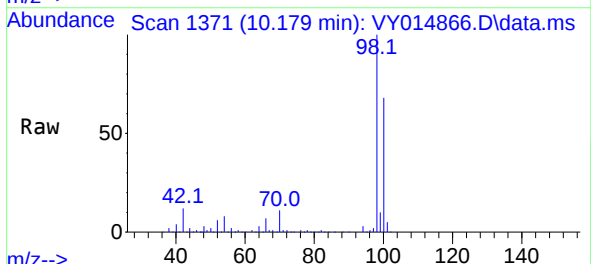
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

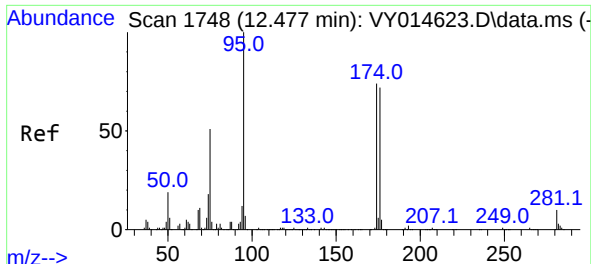
Tgt Ion:113 Resp: 78858
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 50.990 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014866.D
Acq: 26 Jul 2023 21:46

Tgt Ion: 98 Resp: 294783
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

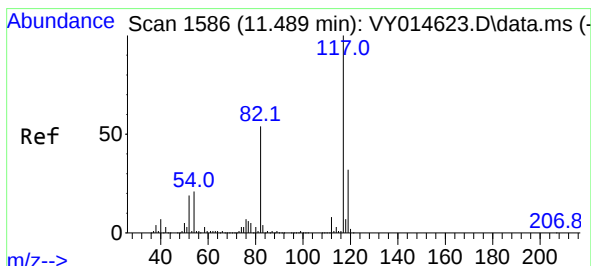
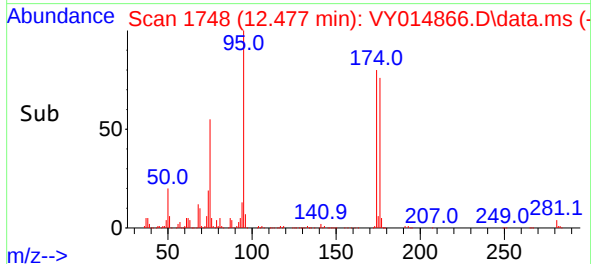
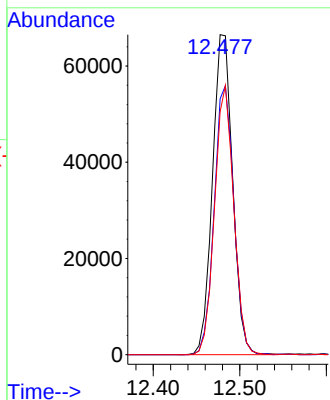
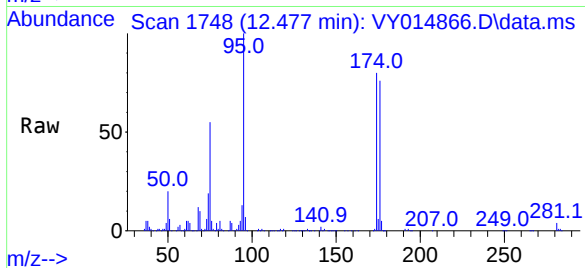




#62
4-Bromofluorobenzene
Concen: 48.564 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014866.D
Acq: 26 Jul 2023 21:46

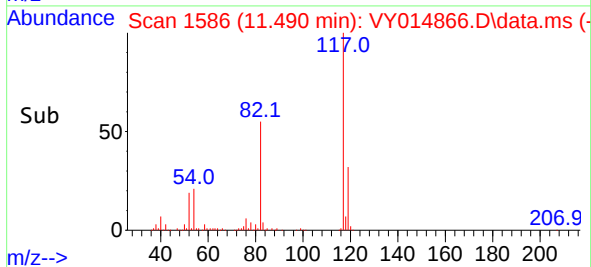
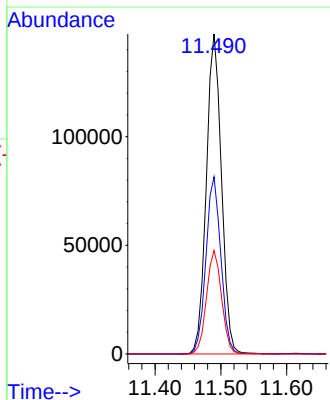
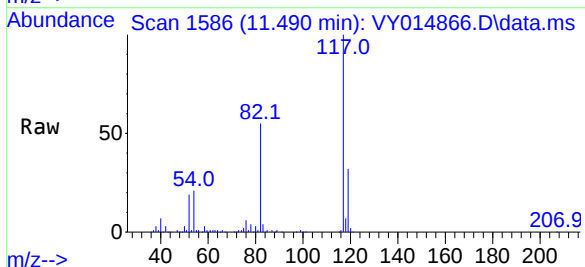
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

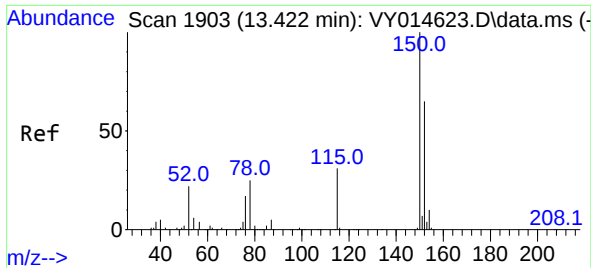
Tgt Ion: 95 Resp: 107653
Ion Ratio Lower Upper
95 100
174 81.9 0.0 178.2
176 80.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014866.D
Acq: 26 Jul 2023 21:46

Tgt Ion: 117 Resp: 235895
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 32.3 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014866.D
Acq: 26 Jul 2023 21:46

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 110882
Ion Ratio Lower Upper
152 100
115 59.7 28.8 86.5
150 157.8 0.0 348.8

