

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014306.D
 Acq On : 21 Jun 2023 01:16
 Operator : KP/MD
 Sample : 03321-10
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-22

Quant Time: Jun 21 02:12:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

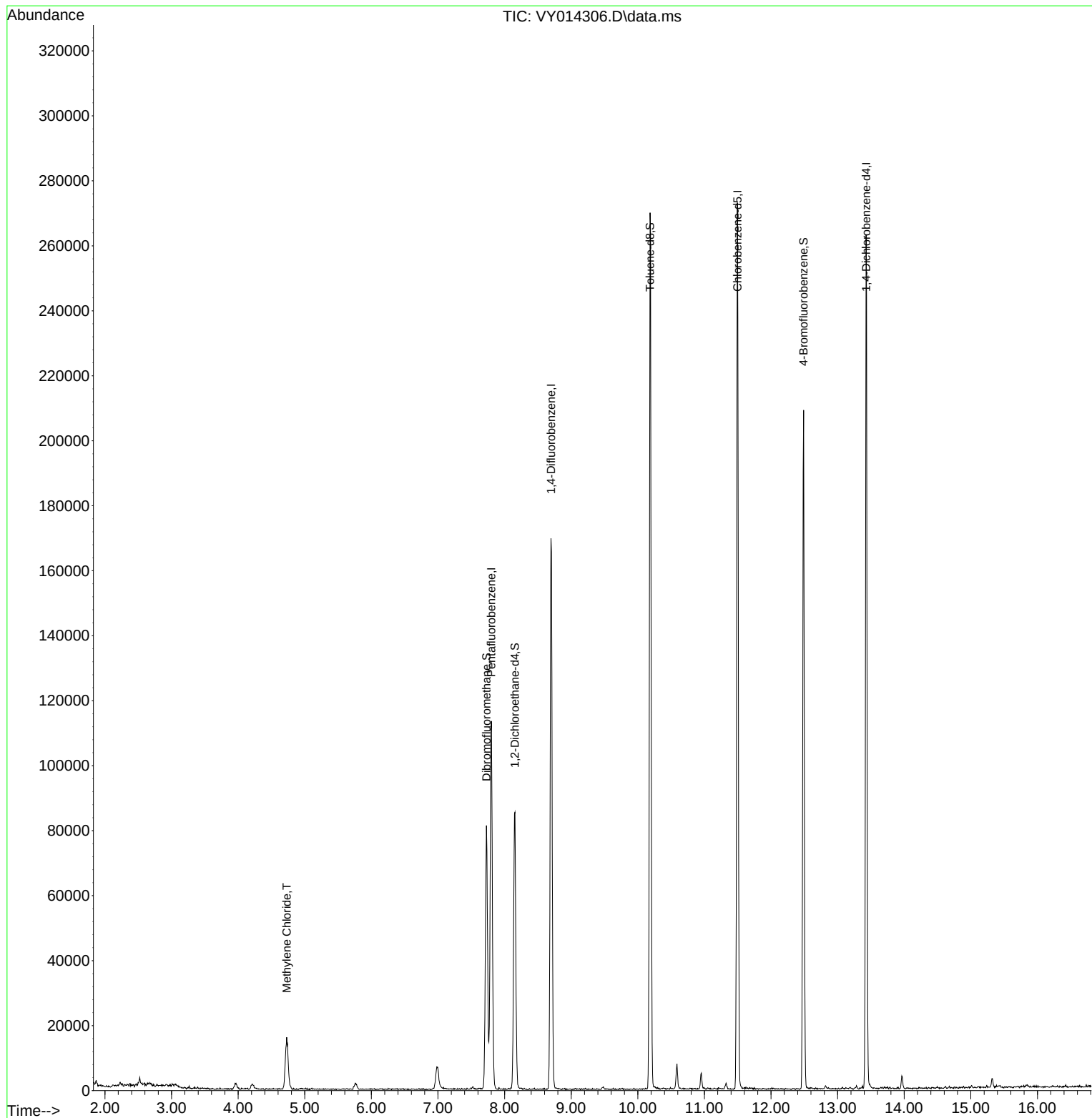
Internal Standards						
1) Pentafluorobenzene	7.801	168	89363	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	145969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	148914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	74104	59.550	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.100%
35) Dibromofluoromethane	7.728	113	53564	51.744	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.480%
50) Toluene-d8	10.185	98	177040	45.745	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.500%
62) 4-Bromofluorobenzene	12.489	95	59398	43.205	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.420%
Target Compounds						
20) Methylene Chloride	4.728	84	11500	6.483	ug/l	Qvalue 93

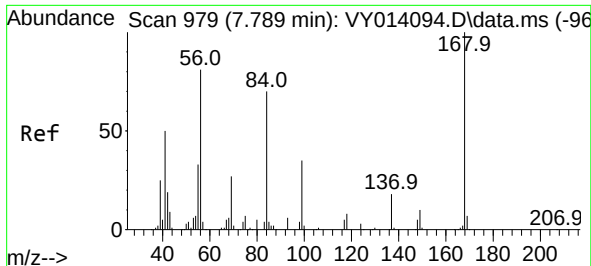
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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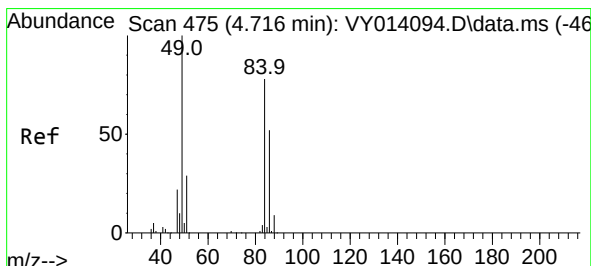
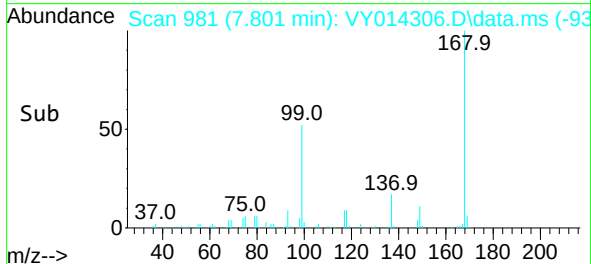
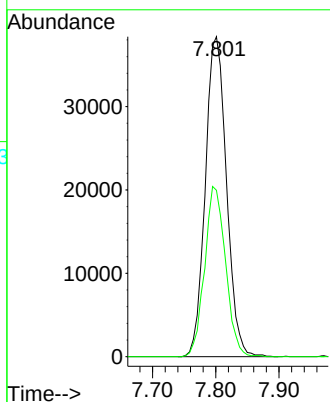
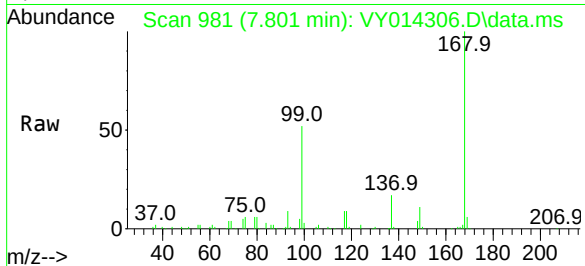




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014306.D
Acq: 21 Jun 2023 01:16

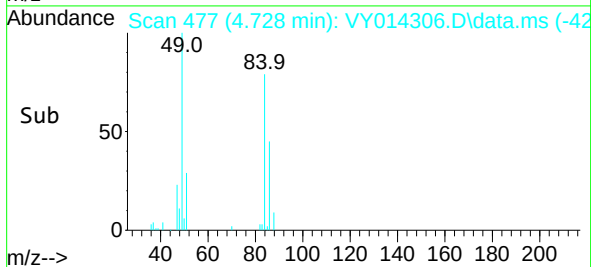
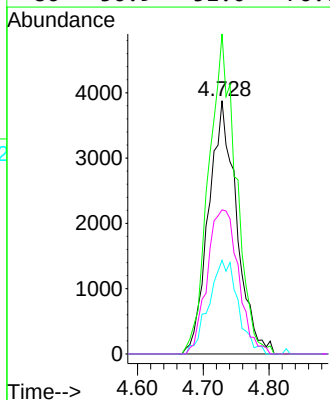
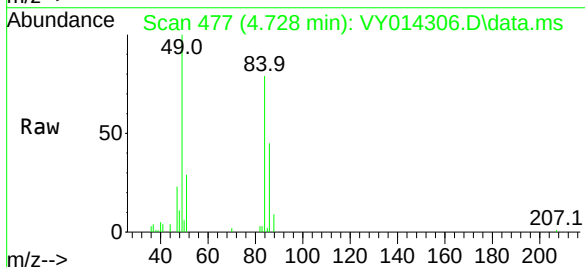
Instrument :
MSVOA_Y
ClientSampleId :
WC-22

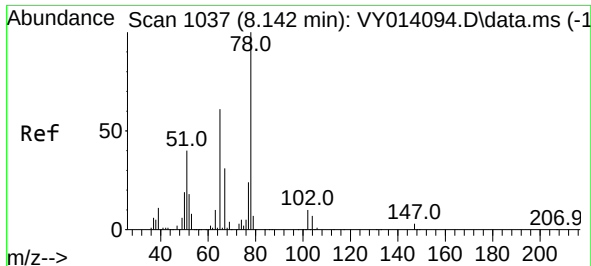
Tgt Ion:168 Resp: 89363
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#20
Methylene Chloride
Concen: 6.483 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY014306.D
Acq: 21 Jun 2023 01:16

Tgt Ion: 84 Resp: 11500
Ion Ratio Lower Upper
84 100
49 126.3 106.9 160.3
51 37.0 33.2 49.8
86 56.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.550 ug/l

RT: 8.155 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY014306.D

Acq: 21 Jun 2023 01:16

Instrument :

MSVOA_Y

ClientSampleId :

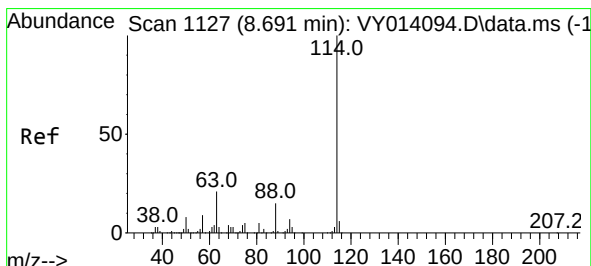
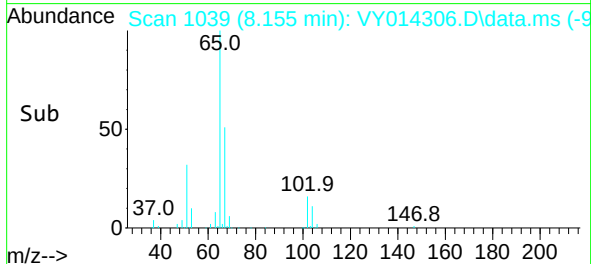
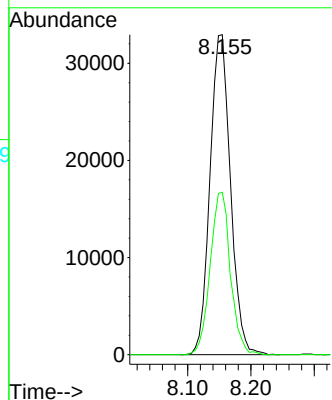
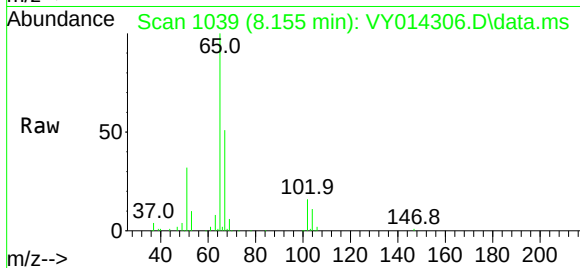
WC-22

Tgt Ion: 65 Resp: 74104

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014306.D

Acq: 21 Jun 2023 01:16

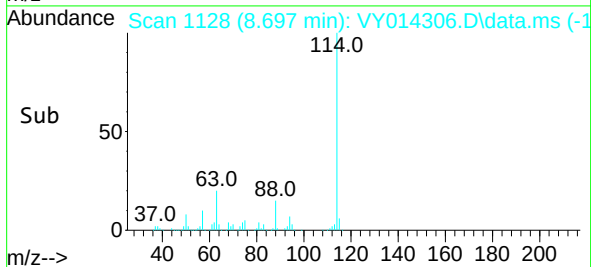
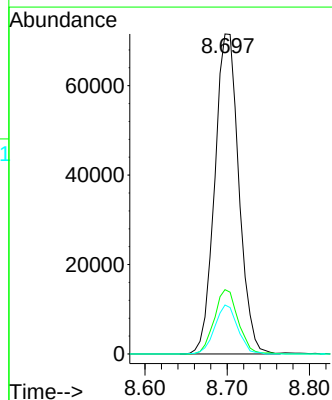
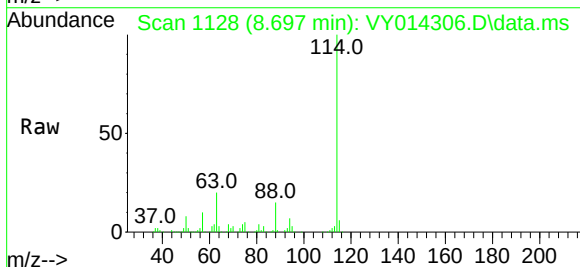
Tgt Ion: 114 Resp: 145969

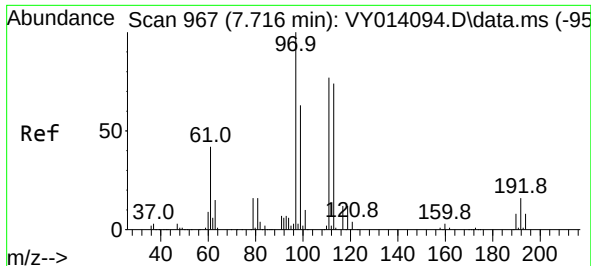
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.3 0.0 30.6

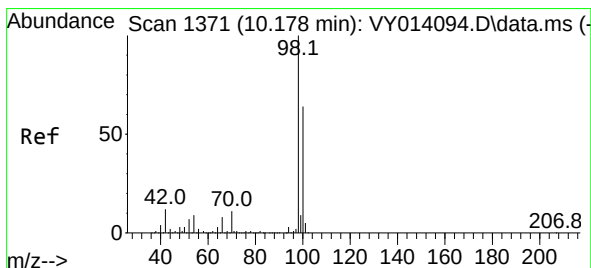
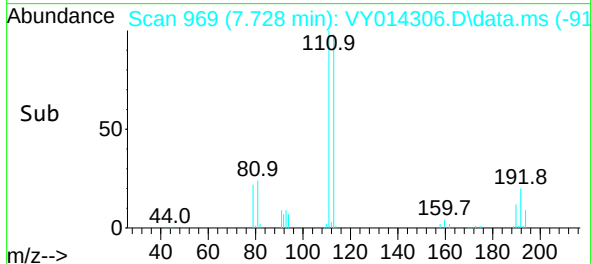
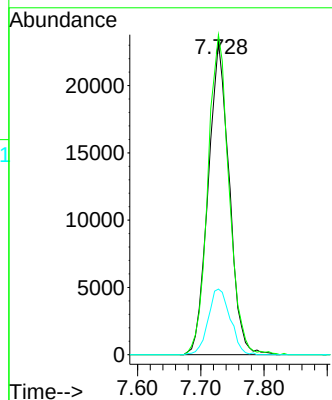
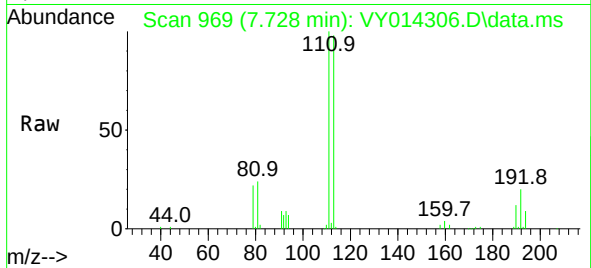




#35
Dibromofluoromethane
Concen: 51.744 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014306.D
Acq: 21 Jun 2023 01:16

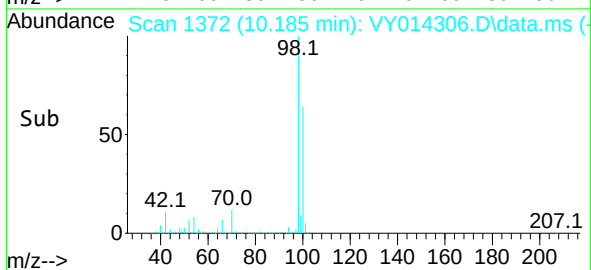
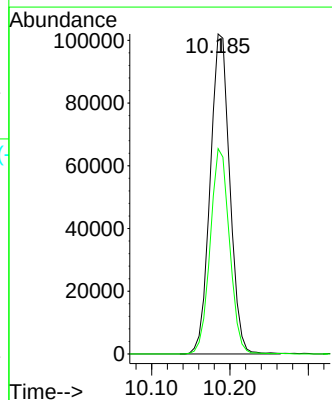
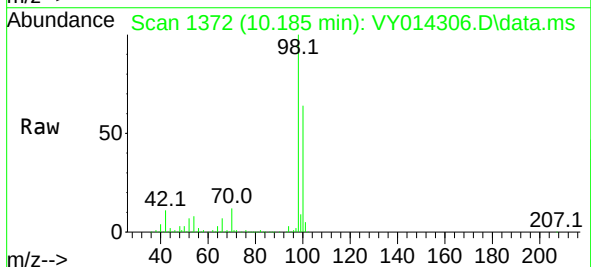
Instrument :
MSVOA_Y
ClientSampleId :
WC-22

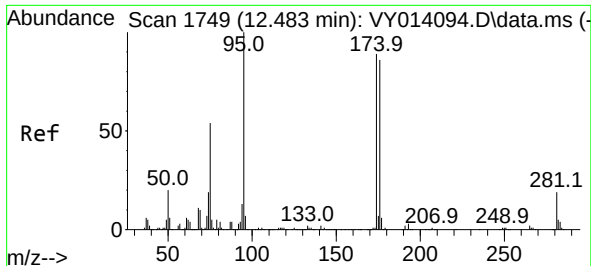
Tgt Ion:113 Resp: 53564
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 22.0 16.9 25.3



#50
Toluene-d8
Concen: 45.745 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014306.D
Acq: 21 Jun 2023 01:16

Tgt Ion: 98 Resp: 177040
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

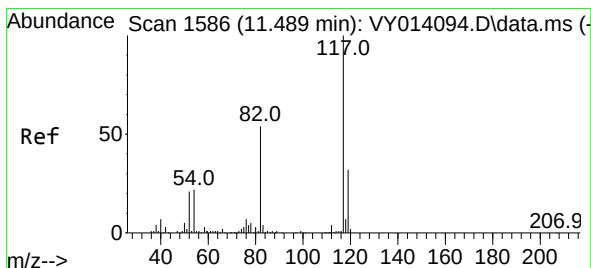
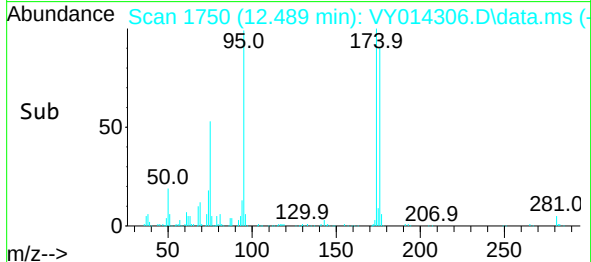
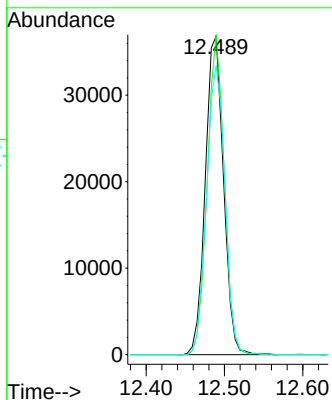
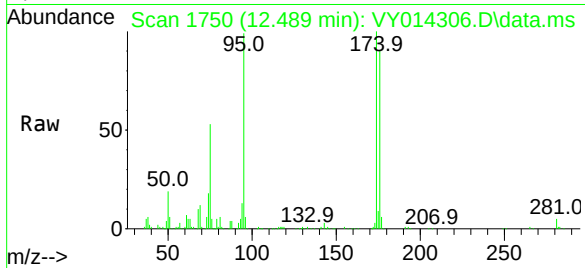




#62
4-Bromofluorobenzene
Concen: 43.205 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014306.D
Acq: 21 Jun 2023 01:16

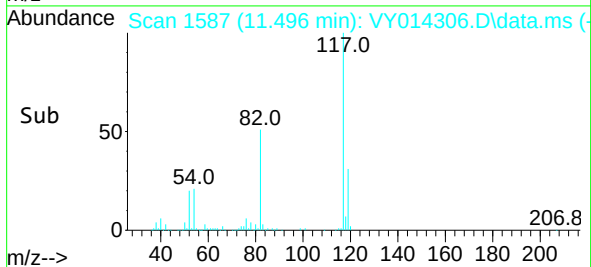
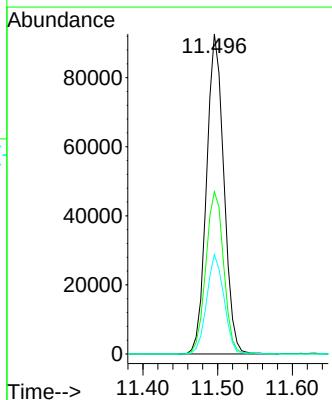
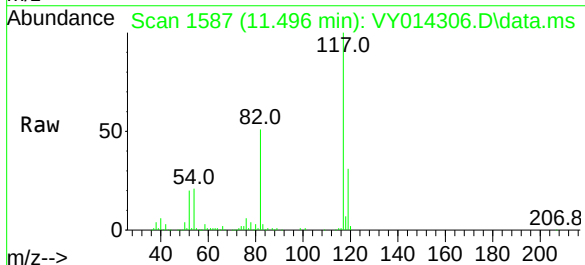
Instrument :
MSVOA_Y
ClientSampleId :
WC-22

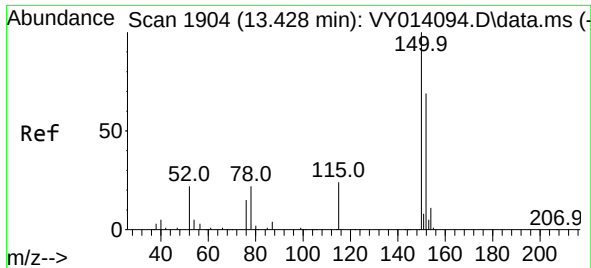
Tgt Ion: 95 Resp: 59398
Ion Ratio Lower Upper
95 100
174 94.5 0.0 178.2
176 92.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014306.D
Acq: 21 Jun 2023 01:16

Tgt Ion: 117 Resp: 148914
Ion Ratio Lower Upper
117 100
82 50.7 43.4 65.0
119 31.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014306.D

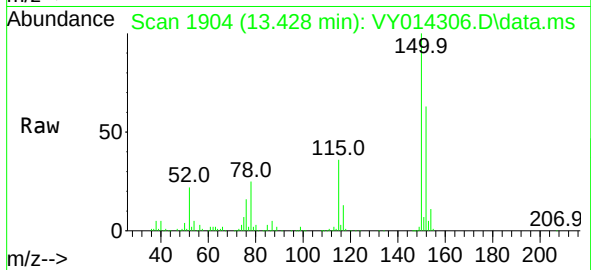
Acq: 21 Jun 2023 01:16

Instrument :

MSVOA_Y

ClientSampleId :

WC-22



Tgt Ion:152 Resp: 68395

Ion Ratio Lower Upper

152 100

115 55.1 28.8 86.5

150 156.5 0.0 348.8

