

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014206.D
 Acq On : 16 Jun 2023 16:24
 Operator : KP/MD
 Sample : 03295-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jun 16 23:22:35 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)

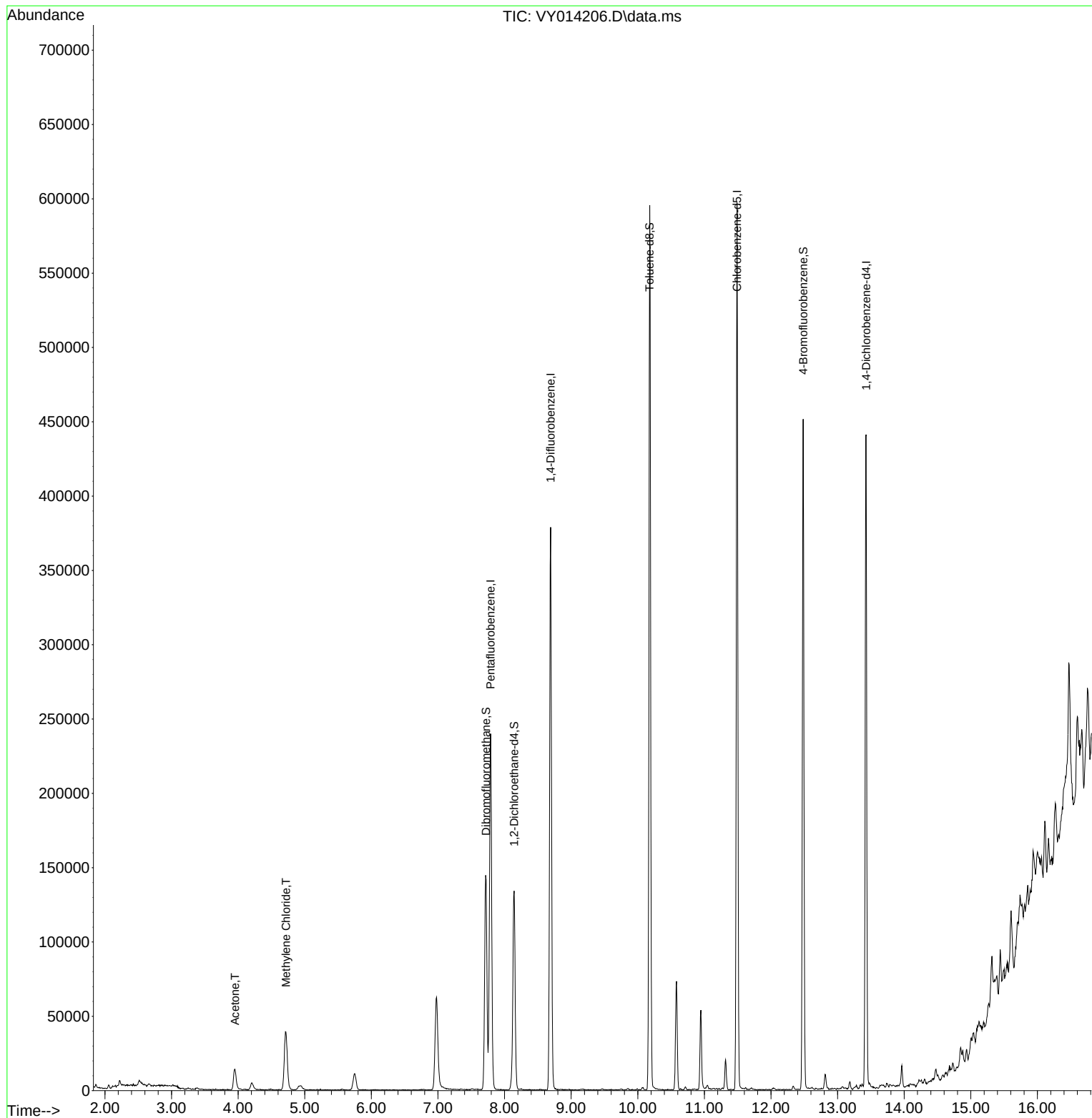
Internal Standards						
1) Pentafluorobenzene	7.789	168	182687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	301012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	111232	43.724	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.440%		
35) Dibromofluoromethane	7.722	113	99005	44.968	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.940%		
50) Toluene-d8	10.179	98	380607	46.240	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.480%		
62) 4-Bromofluorobenzene	12.483	95	118291	40.456	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	80.920%		
Target Compounds					Qvalue	
16) Acetone	3.954	43	25286	32.975	ug/l	93
20) Methylene Chloride	4.716	84	28917	8.862	ug/l	94

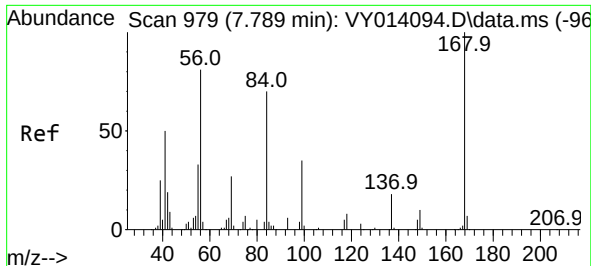
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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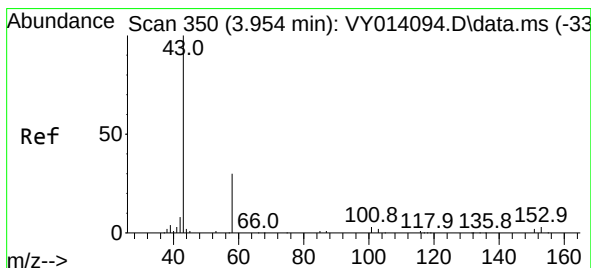
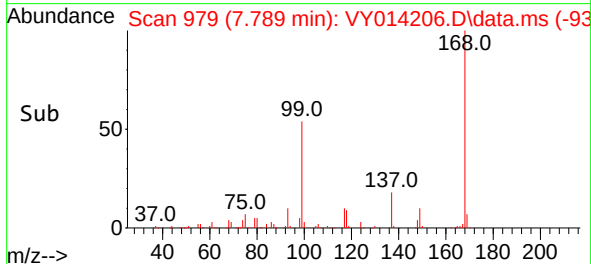
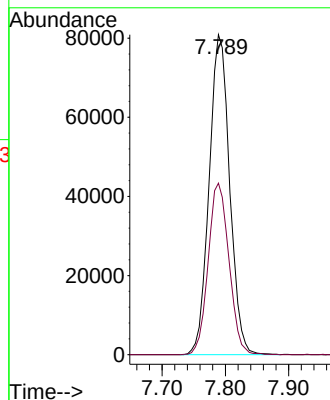
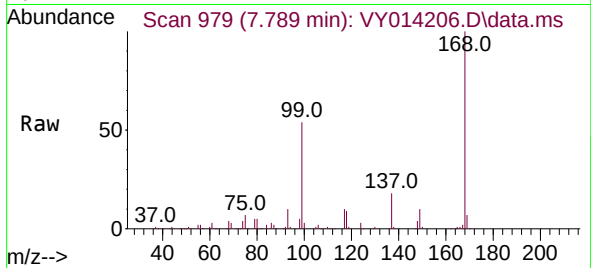




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

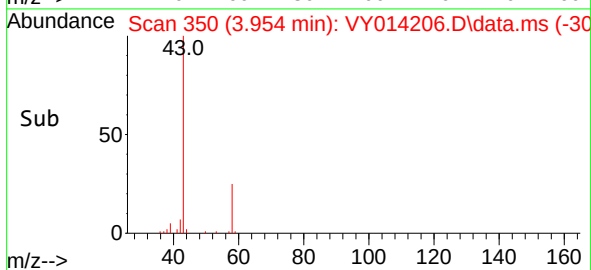
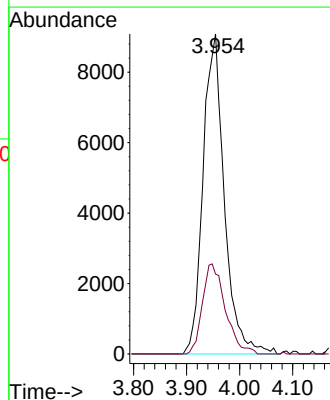
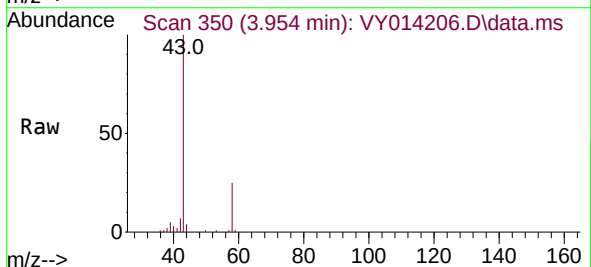
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

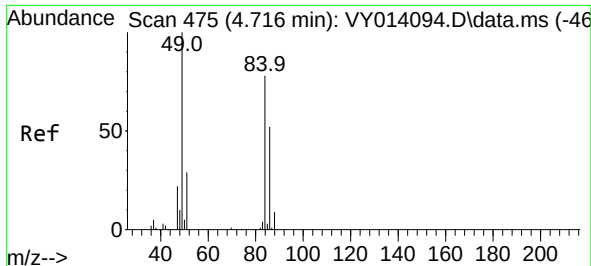
Tgt Ion:168 Resp: 182687
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#16
Acetone
Concen: 32.975 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

Tgt Ion: 43 Resp: 25286
Ion Ratio Lower Upper
43 100
58 24.9 22.7 34.1

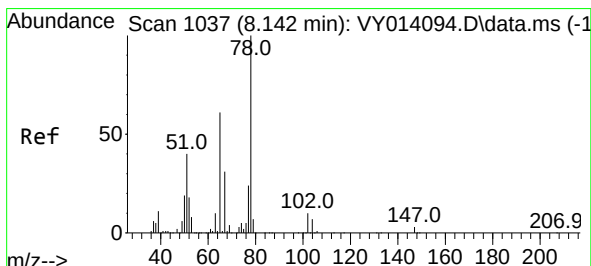
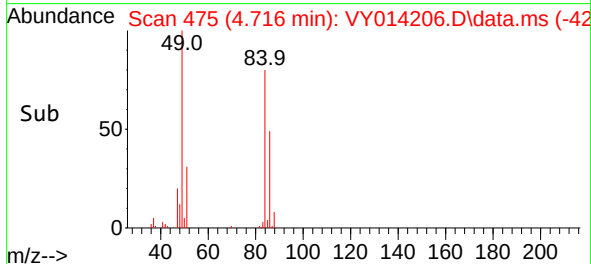
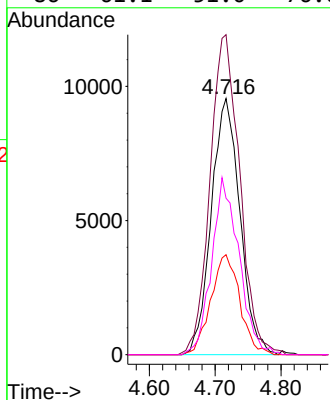
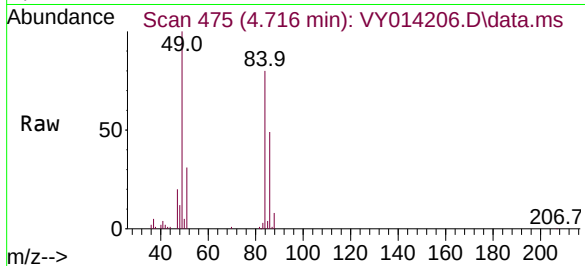




#20
Methylene Chloride
Concen: 8.862 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

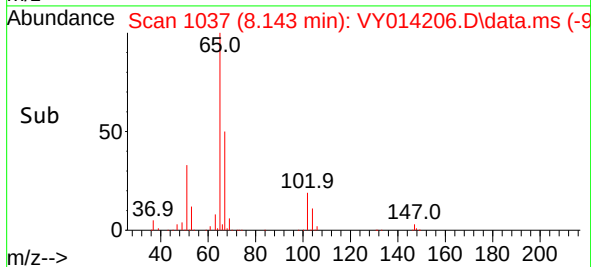
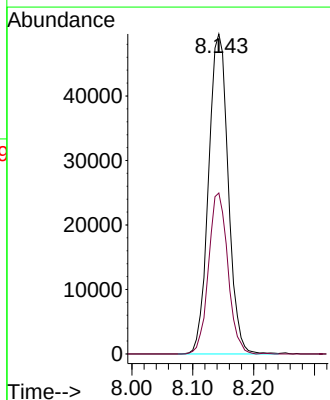
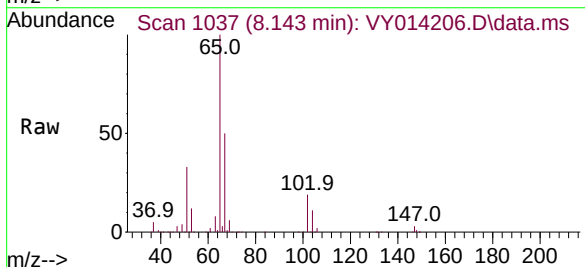
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

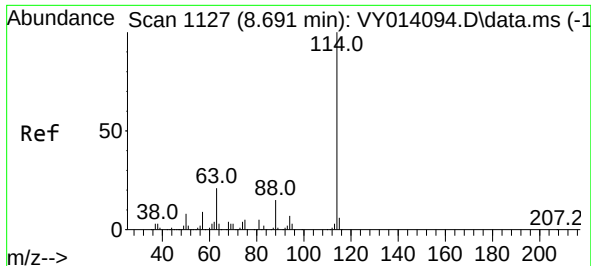
Tgt Ion: 84 Resp: 28917
Ion Ratio Lower Upper
84 100
49 124.9 106.9 160.3
51 39.1 33.2 49.8
86 61.1 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 43.724 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

Tgt Ion: 65 Resp: 111232
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014206.D

Acq: 16 Jun 2023 16:24

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

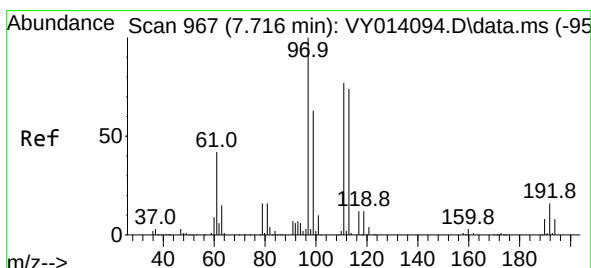
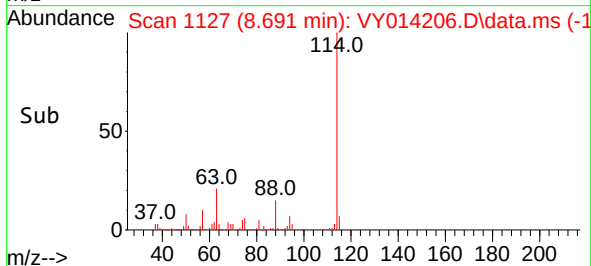
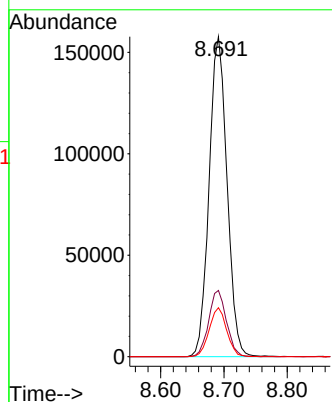
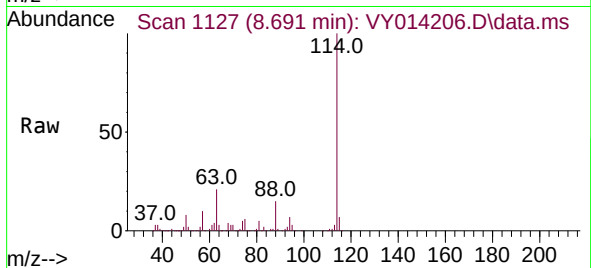
Tgt Ion:114 Resp: 310455

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.968 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014206.D

Acq: 16 Jun 2023 16:24

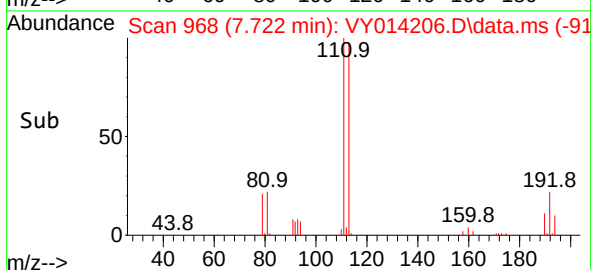
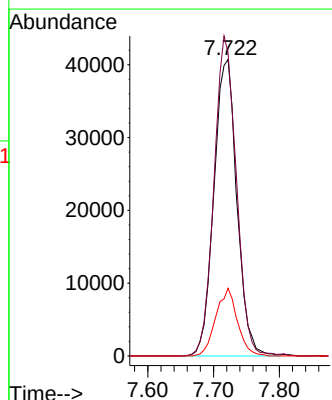
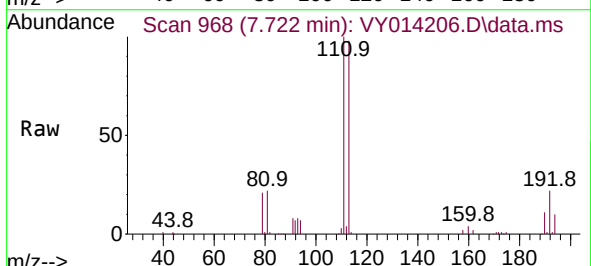
Tgt Ion:113 Resp: 99005

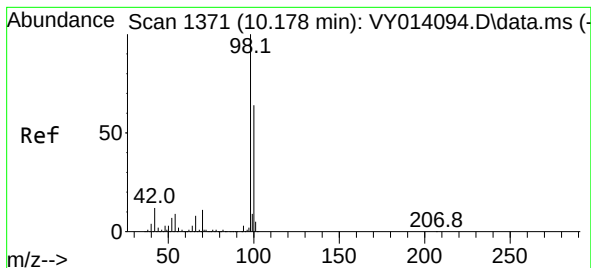
Ion Ratio Lower Upper

113 100

111 105.0 81.3 121.9

192 21.4 16.9 25.3

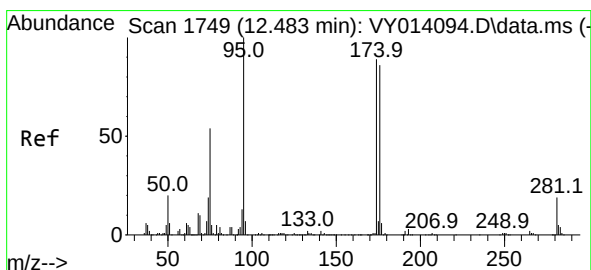
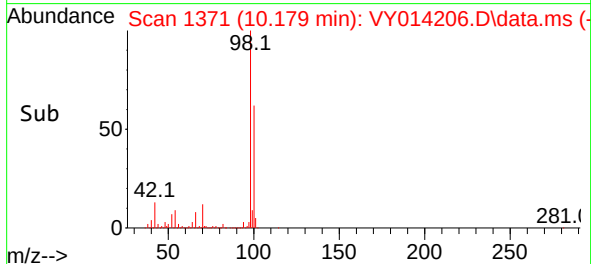
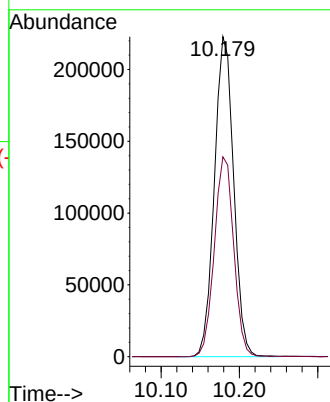
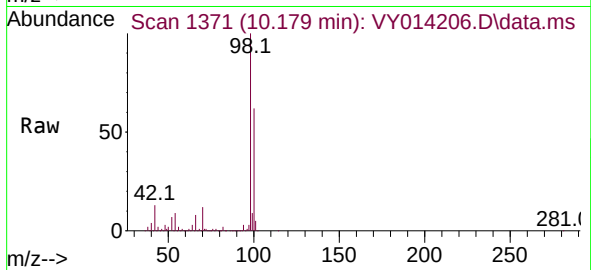




#50
Toluene-d8
Concen: 46.240 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

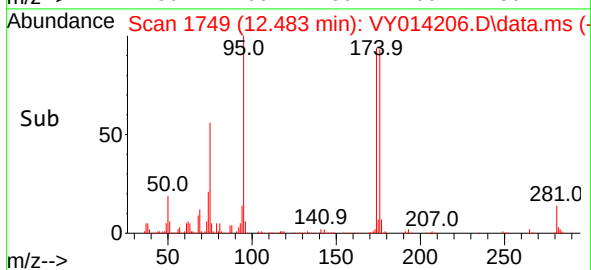
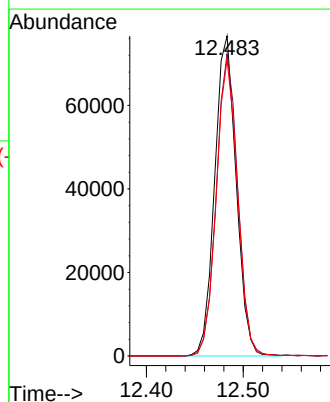
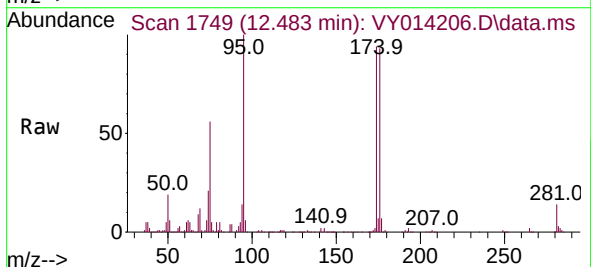
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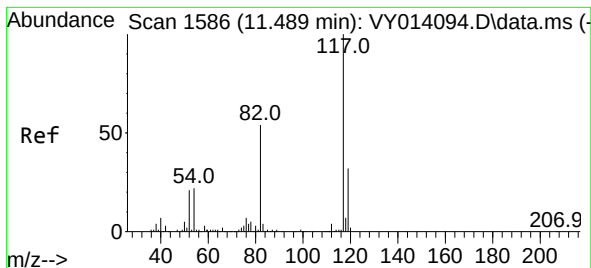
Tgt Ion: 98 Resp: 380607
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

Tgt Ion: 95 Resp: 118291
Ion Ratio Lower Upper
95 100
174 94.2 0.0 178.2
176 91.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014206.D

Acq: 16 Jun 2023 16:24

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

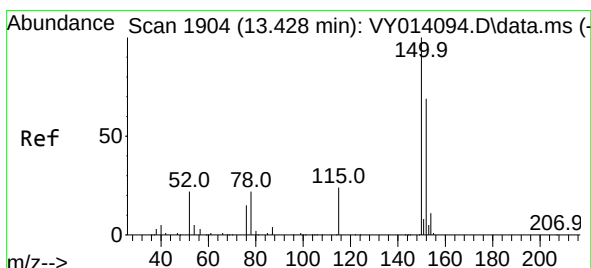
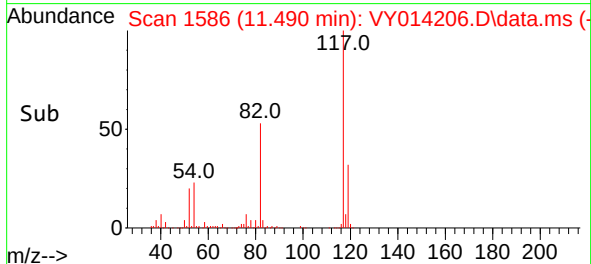
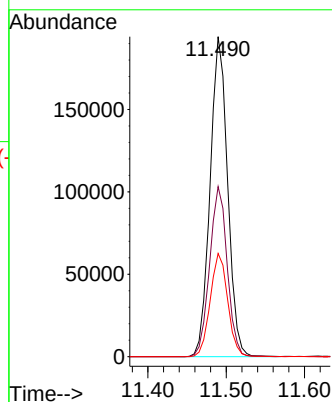
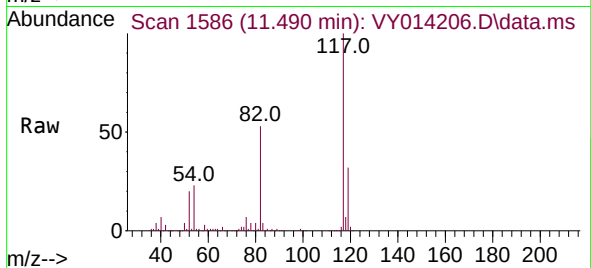
Tgt Ion:117 Resp: 301012

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 32.3 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: VY014206.D

Acq: 16 Jun 2023 16:24

Tgt Ion:152 Resp: 115647

Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 157.4 0.0 348.8

