

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014172.D
 Acq On : 14 Jun 2023 22:31
 Operator : KP/MD
 Sample : 03224-10
 Misc : 8.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-10-GRAB-6

Quant Time: Jun 15 01:49:13 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)

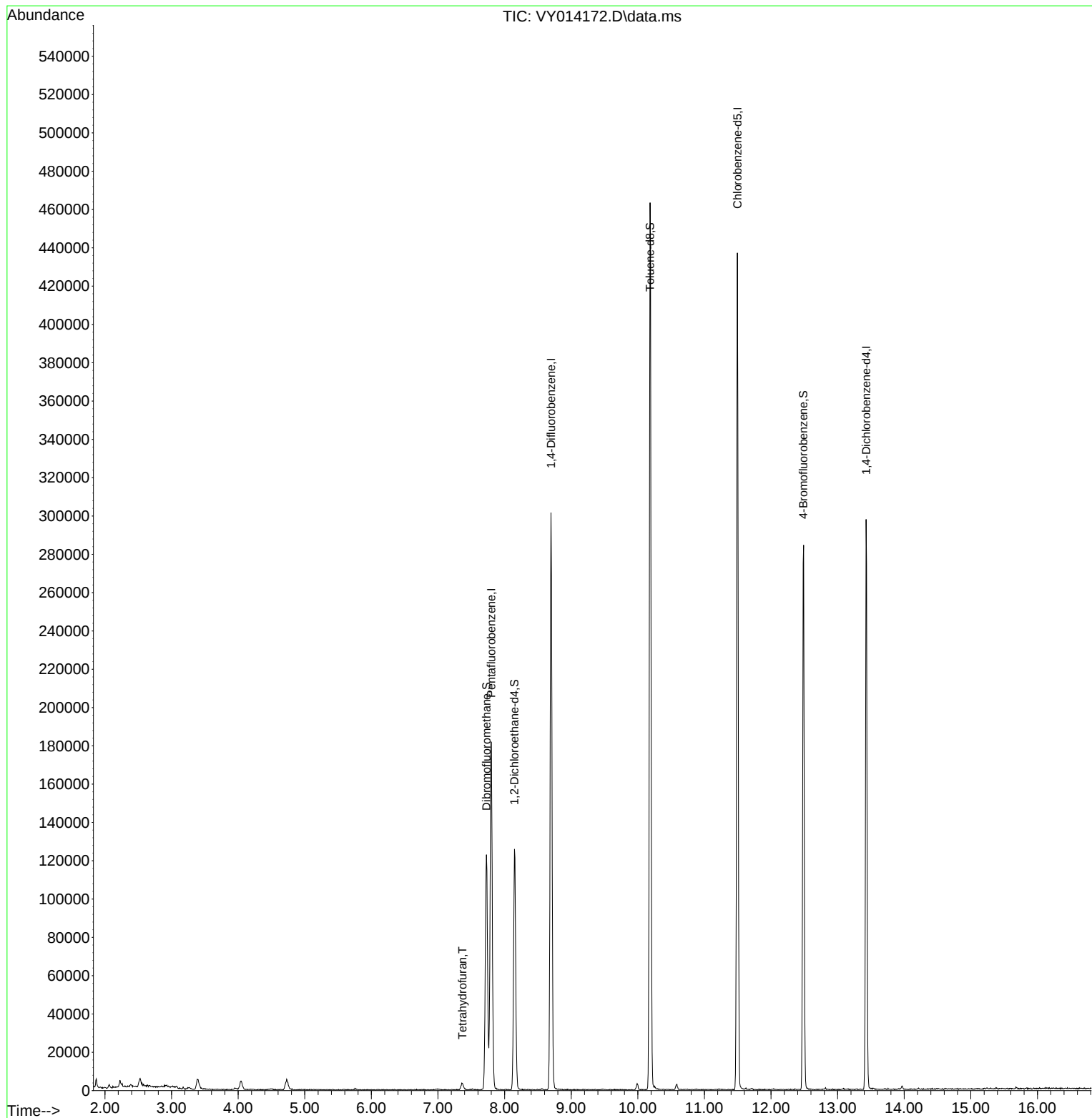
Internal Standards						
1) Pentafluorobenzene	7.801	168	142152	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	242712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	227870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103653	52.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.720%
35) Dibromofluoromethane	7.728	113	84470	49.075	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.140%
50) Toluene-d8	10.185	98	296506	46.076	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.160%
62) 4-Bromofluorobenzene	12.483	95	82110	35.920	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.840%
Target Compounds						
29) Tetrahydrofuran	7.368	42	2849	6.117	ug/l	Qvalue # 86

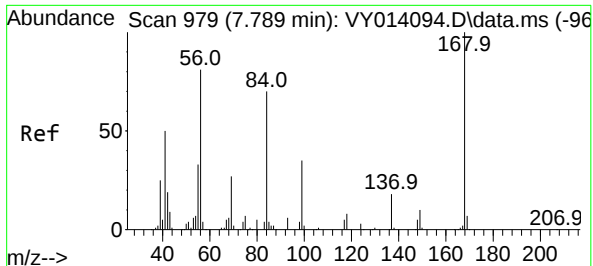
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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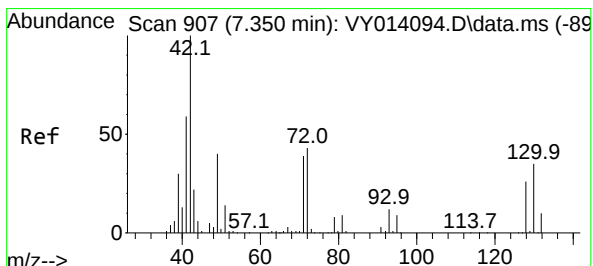
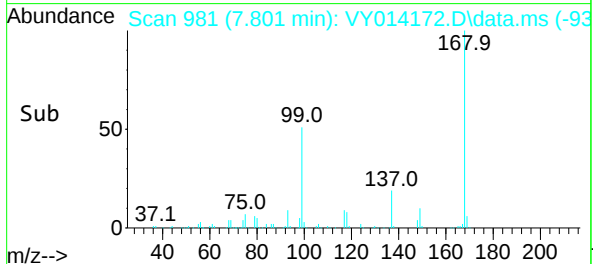
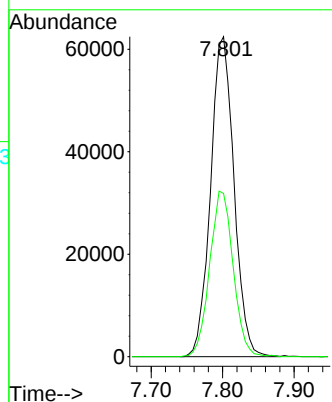
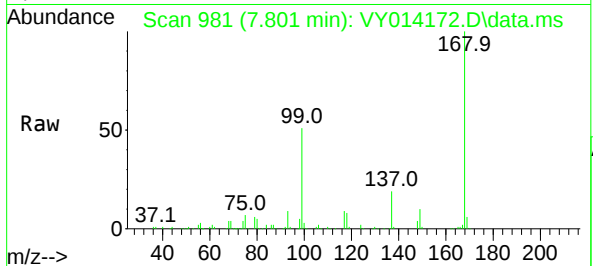




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

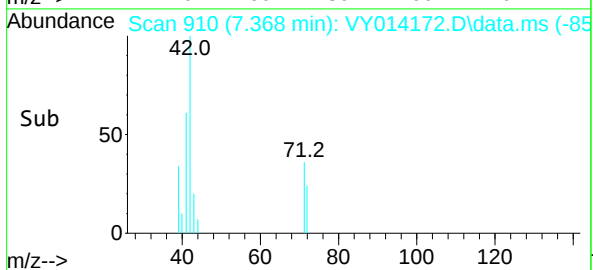
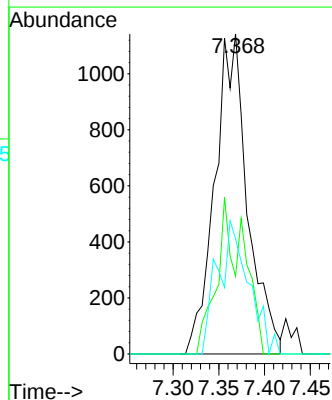
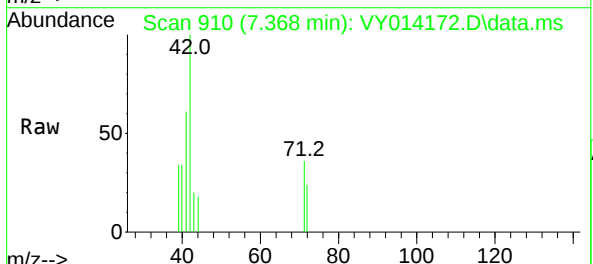
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-10-GRAB-6

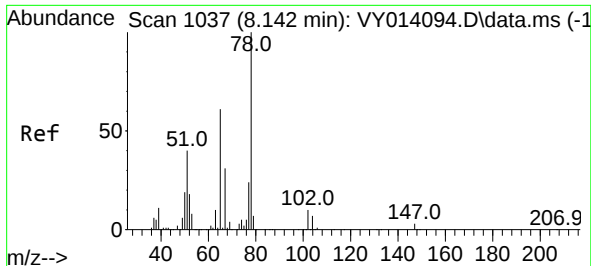
Tgt Ion:168 Resp: 142152
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.117 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

Tgt Ion: 42 Resp: 2849
Ion Ratio Lower Upper
42 100
72 24.6 32.8 49.2#
71 39.7 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 52.364 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY014172.D

Acq: 14 Jun 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

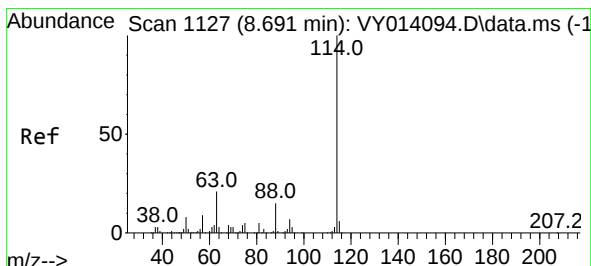
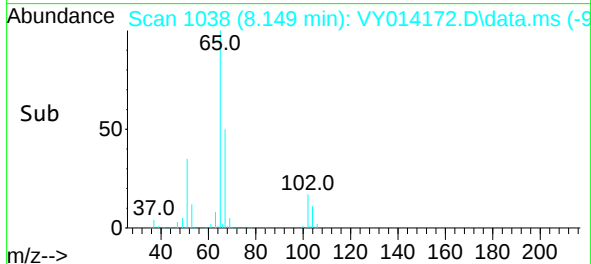
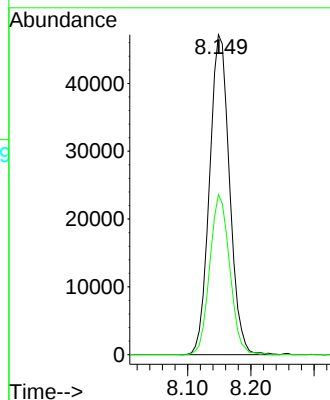
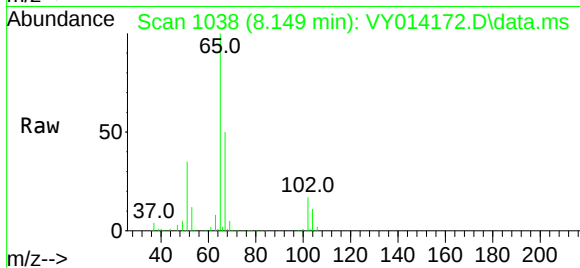
TOTAL-VOC-SB-10-GRAB-6

Tgt Ion: 65 Resp: 103653

Ion Ratio Lower Upper

65 100

67 49.8 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: VY014172.D

Acq: 14 Jun 2023 22:31

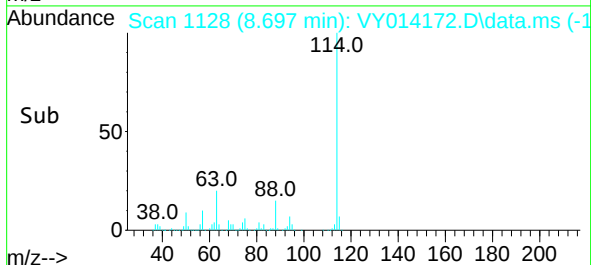
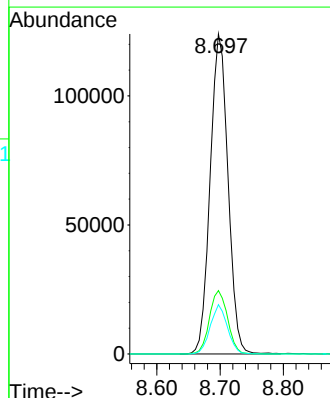
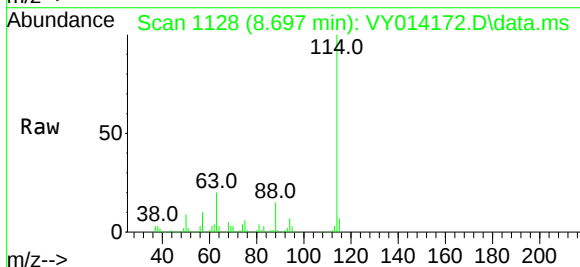
Tgt Ion: 114 Resp: 242712

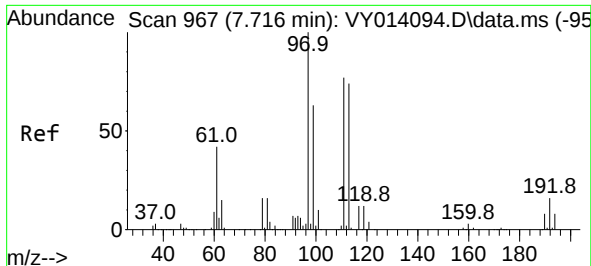
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.4 0.0 30.6

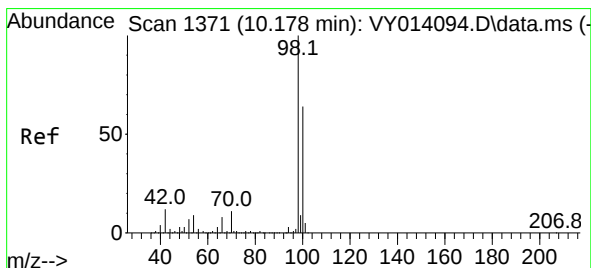
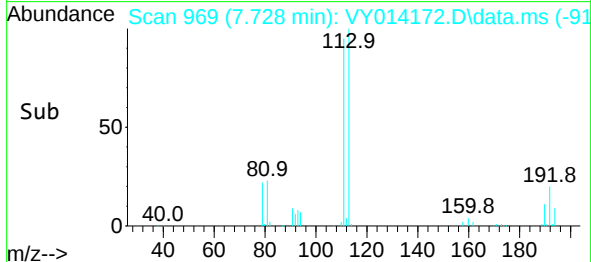
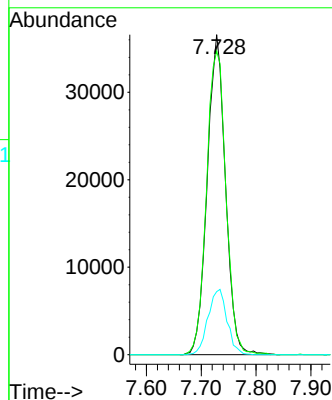
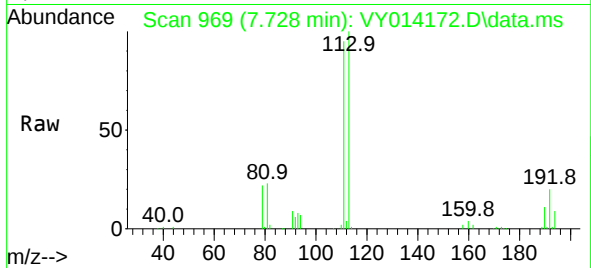




#35
Dibromofluoromethane
Concen: 49.075 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

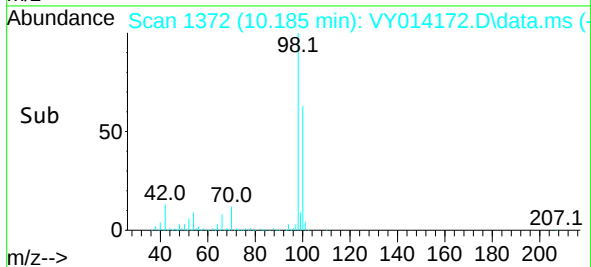
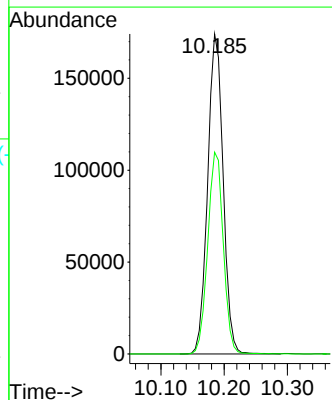
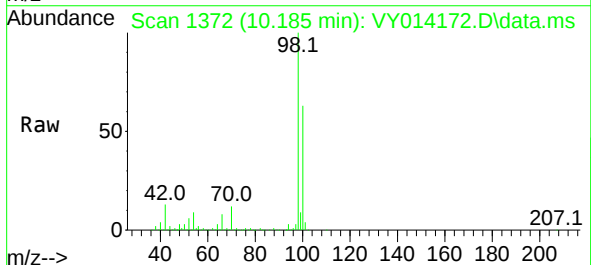
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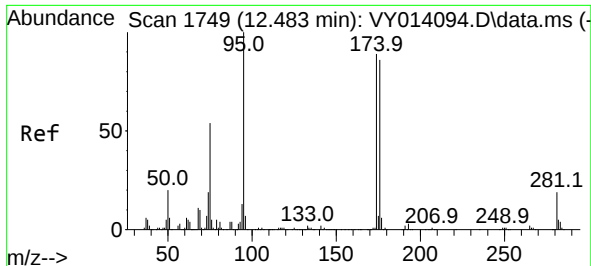
Tgt Ion:113 Resp: 84470
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 21.3 16.9 25.3



#50
Toluene-d8
Concen: 46.076 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

Tgt Ion: 98 Resp: 296506
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1

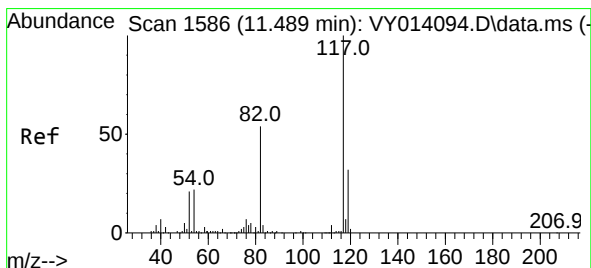
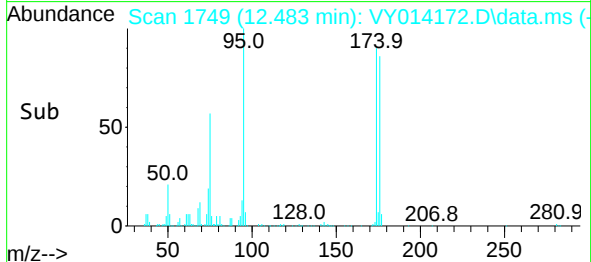
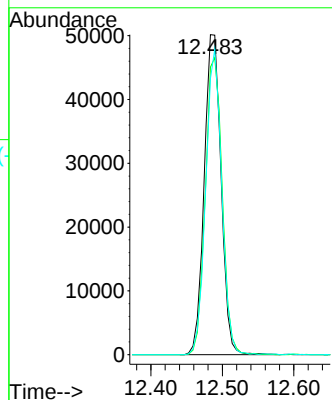
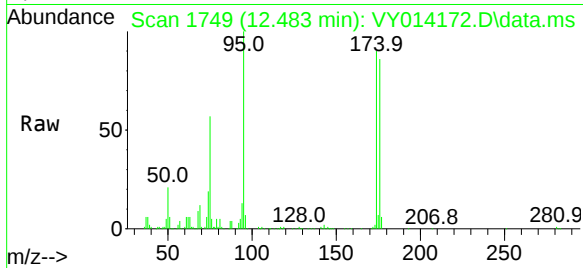




#62
4-Bromofluorobenzene
Concen: 35.920 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

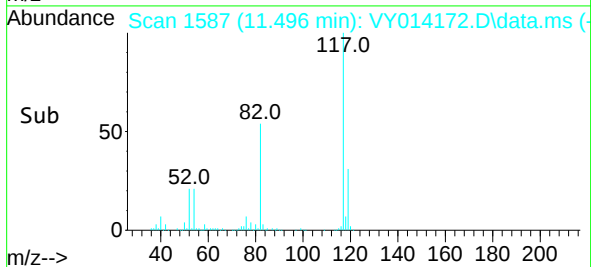
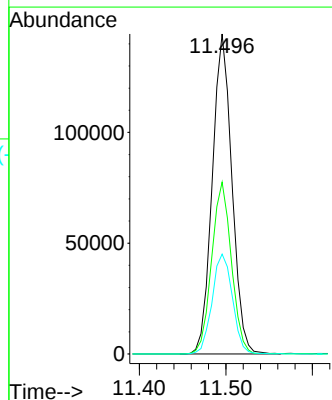
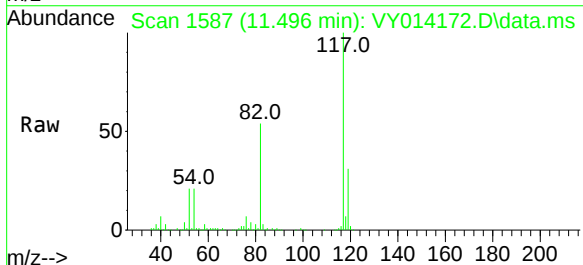
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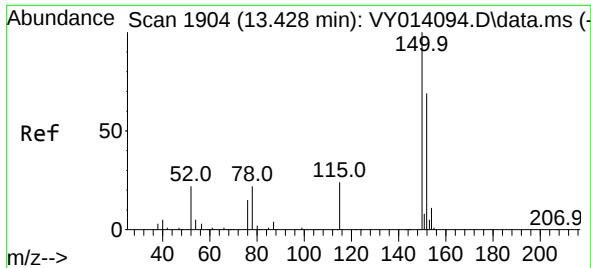
Tgt Ion: 95 Resp: 82110
Ion Ratio Lower Upper
95 100
174 93.1 0.0 178.2
176 90.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

Tgt Ion: 117 Resp: 227870
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.2 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: VY014172.D

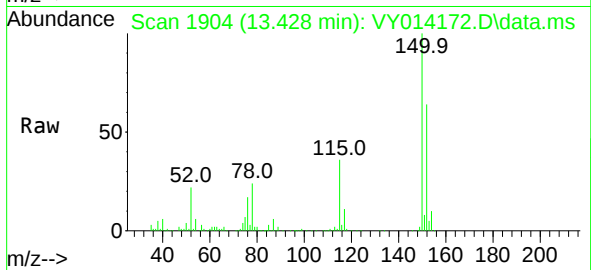
Acq: 14 Jun 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-10-GRAB-6



Tgt Ion:152 Resp: 75644

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 156.9 0.0 348.8

