

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014359.D
 Acq On : 22 Jun 2023 01:27
 Operator : KP/MD
 Sample : 03358-12
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-01

Quant Time: Jun 22 04:51:13 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)

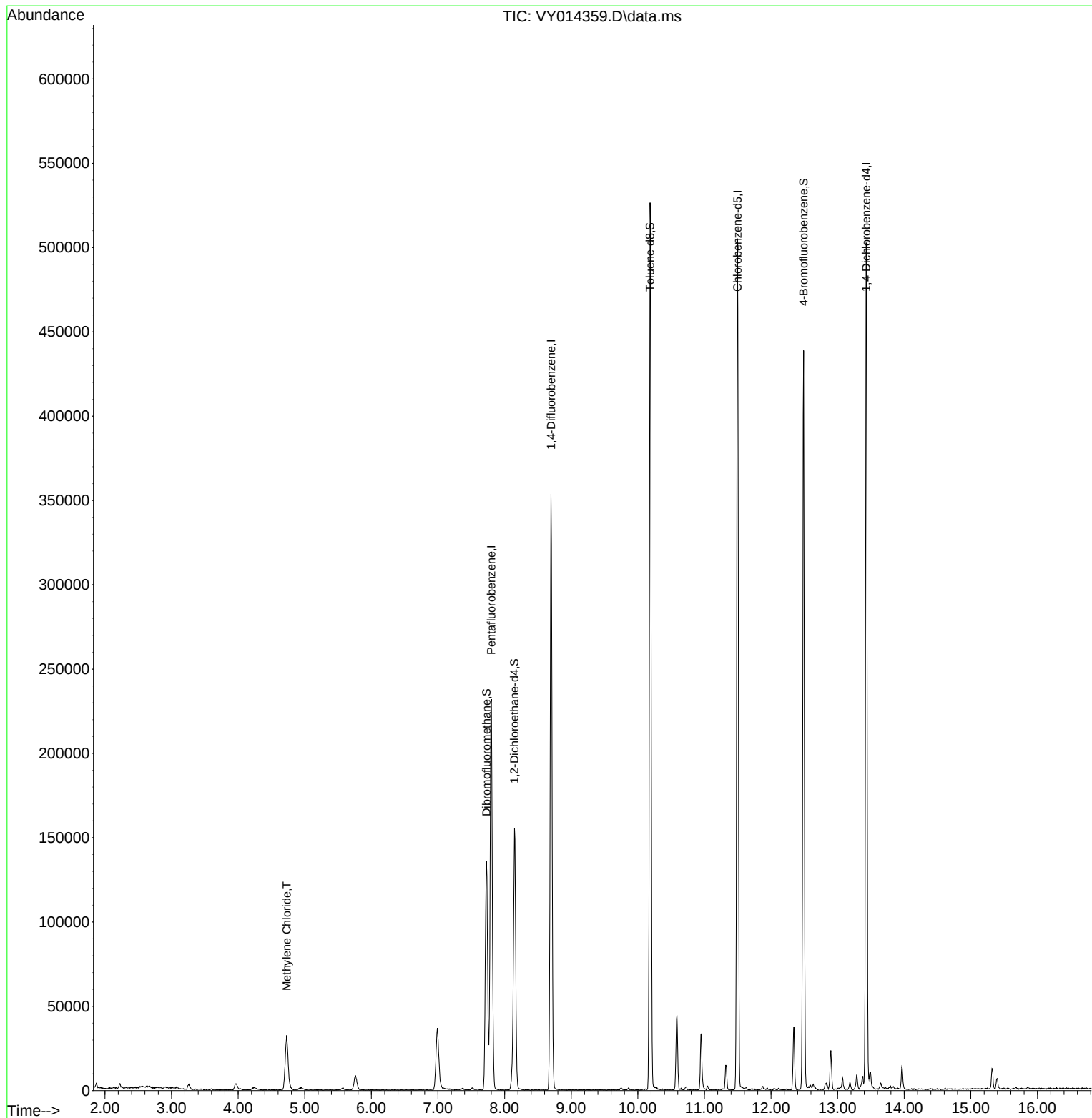
Internal Standards						
1) Pentafluorobenzene	7.801	168	181882	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	286849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	277440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	125116	49.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.800%
35) Dibromofluoromethane	7.728	113	93320	45.874	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.740%
50) Toluene-d8	10.185	98	346484	45.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.120%
62) 4-Bromofluorobenzene	12.489	95	116845	43.250	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.500%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	22916	6.266	ug/l	96

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

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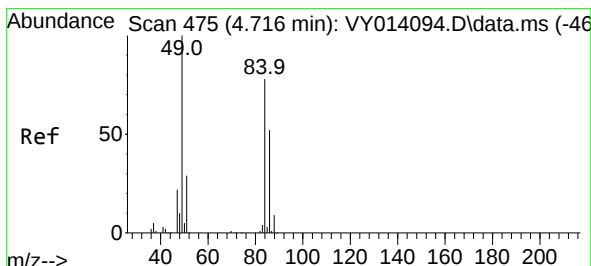
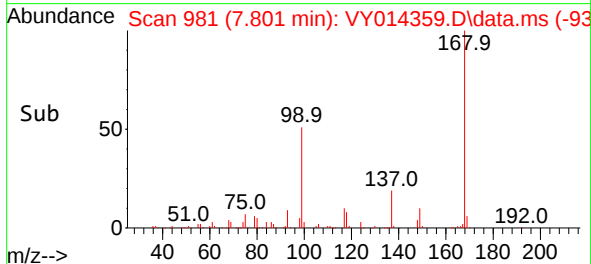
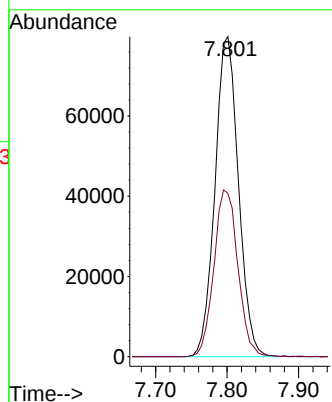
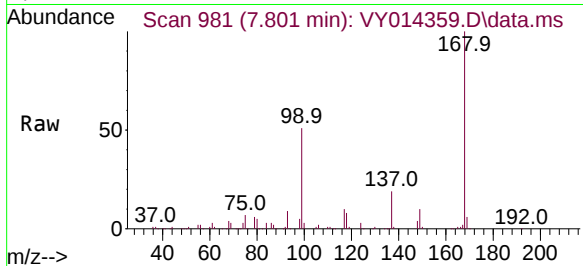




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014359.D
Acq: 22 Jun 2023 01:27

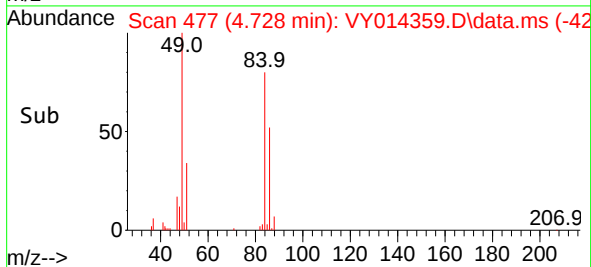
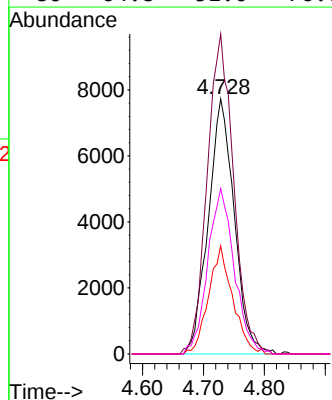
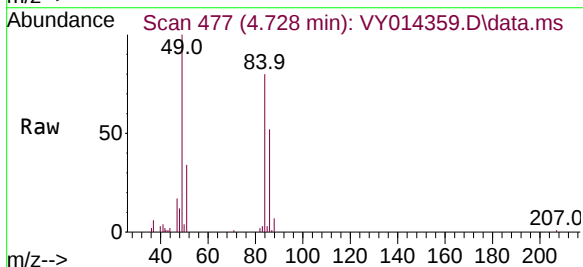
Instrument :
MSVOA_Y
ClientSampleId :
DUP-01

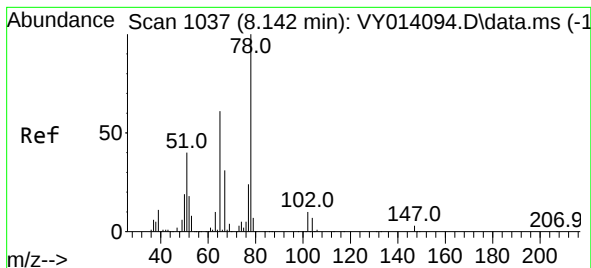
Tgt Ion:168 Resp: 181882
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#20
Methylene Chloride
Concen: 6.266 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY014359.D
Acq: 22 Jun 2023 01:27

Tgt Ion: 84 Resp: 22916
Ion Ratio Lower Upper
84 100
49 125.5 106.9 160.3
51 42.4 33.2 49.8
86 64.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 49.400 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014359.D

Acq: 22 Jun 2023 01:27

Instrument :

MSVOA_Y

ClientSampleId :

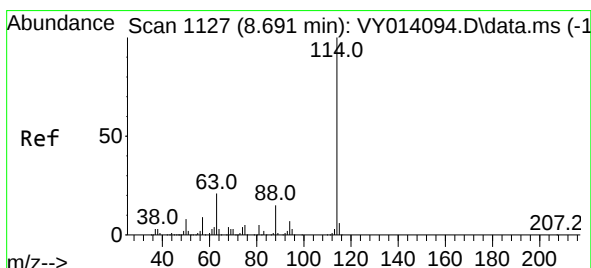
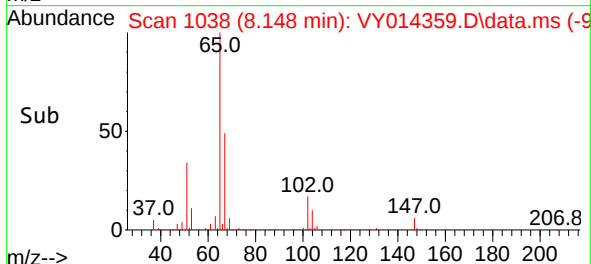
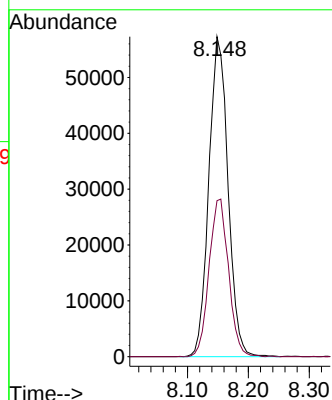
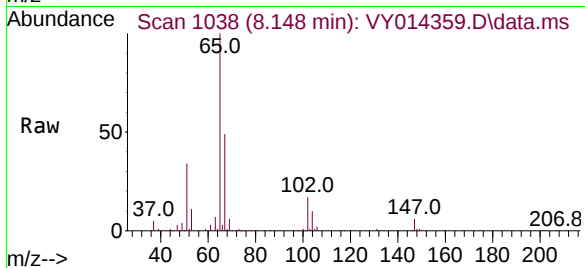
DUP-01

Tgt Ion: 65 Resp: 125116

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: VY014359.D

Acq: 22 Jun 2023 01:27

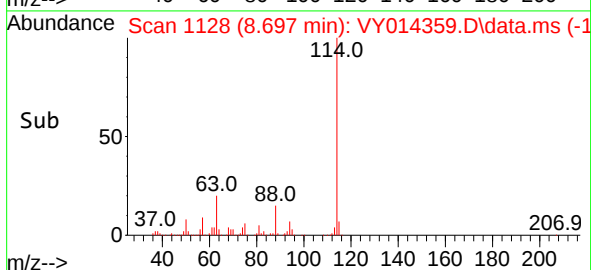
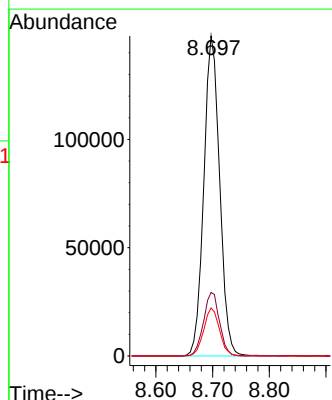
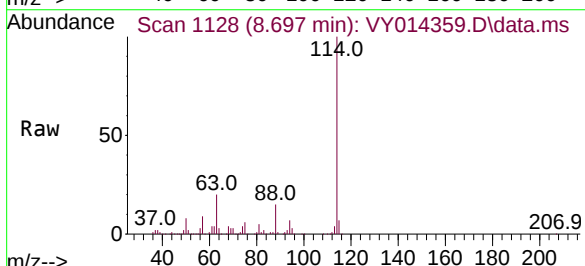
Tgt Ion: 114 Resp: 286849

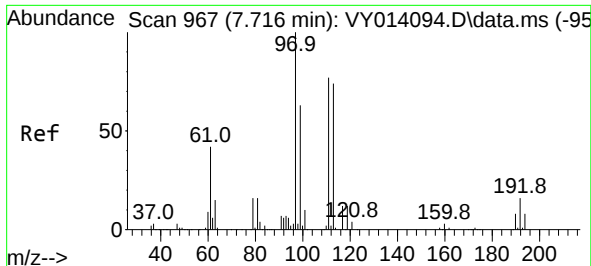
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.874 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY014359.D

Acq: 22 Jun 2023 01:27

Instrument :

MSVOA_Y

ClientSampleId :

DUP-01

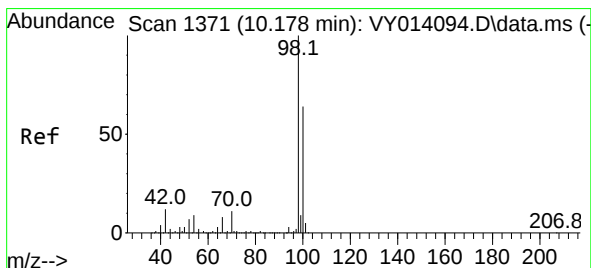
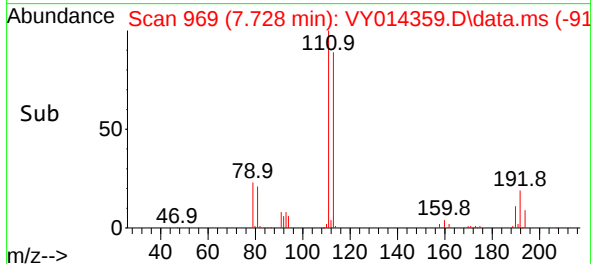
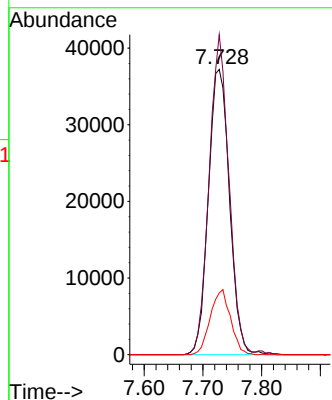
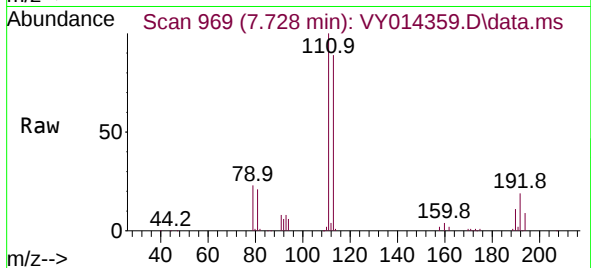
Tgt Ion:113 Resp: 93320

Ion Ratio Lower Upper

113 100

111 104.6 81.3 121.9

192 21.8 16.9 25.3



#50

Toluene-d8

Concen: 45.558 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.007 min

Lab File: VY014359.D

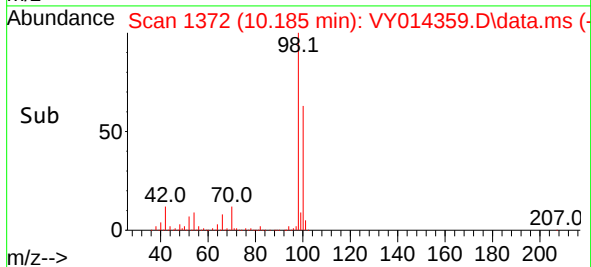
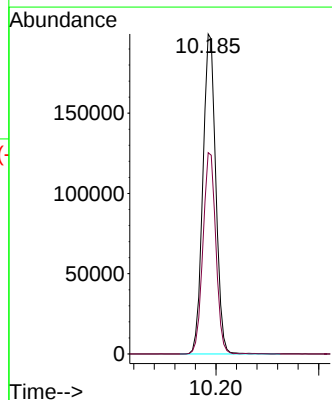
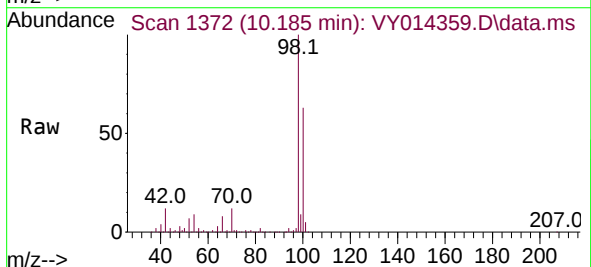
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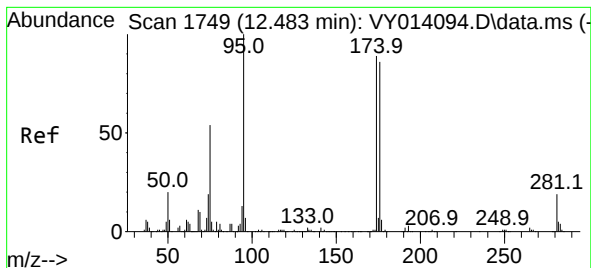
Tgt Ion: 98 Resp: 346484

Ion Ratio Lower Upper

98 100

100 62.7 50.1 75.1

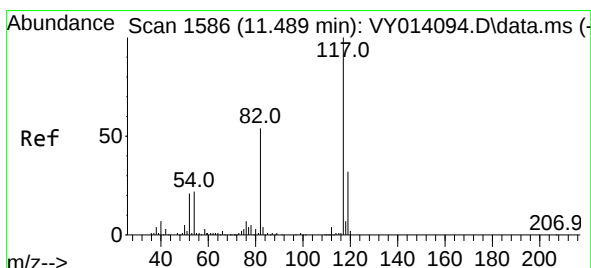
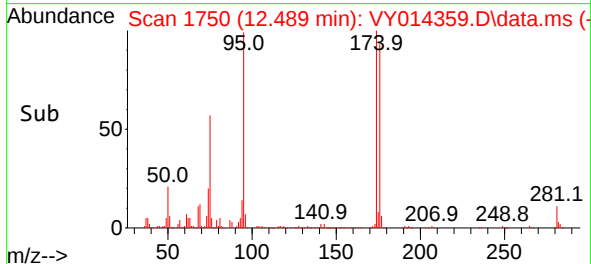
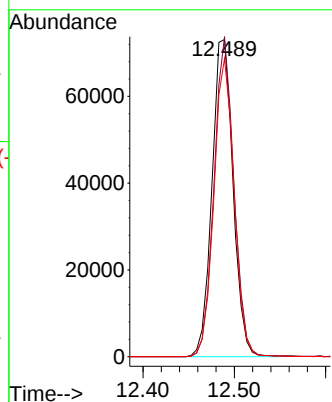
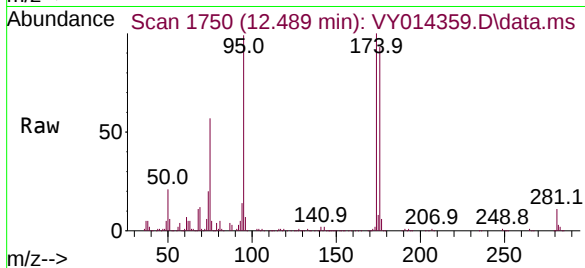




#62
4-Bromofluorobenzene
Concen: 43.250 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014359.D
Acq: 22 Jun 2023 01:27

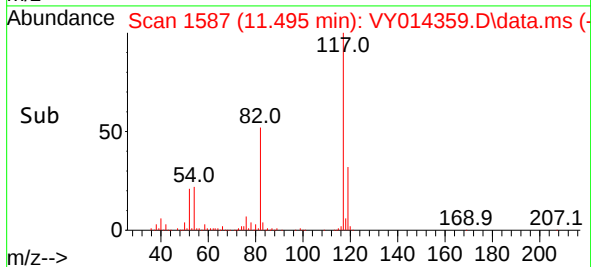
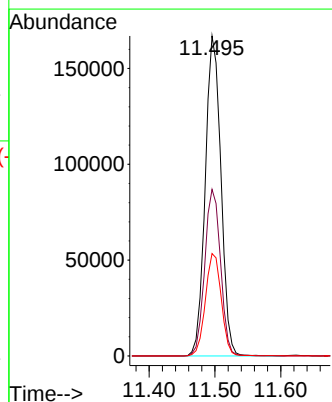
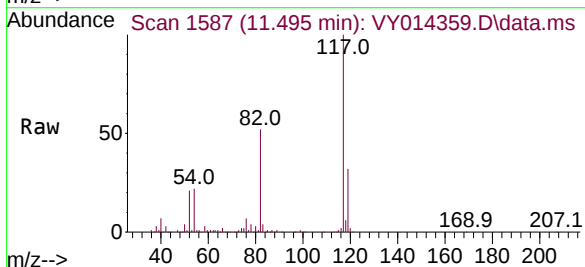
Instrument :
MSVOA_Y
ClientSampleId :
DUP-01

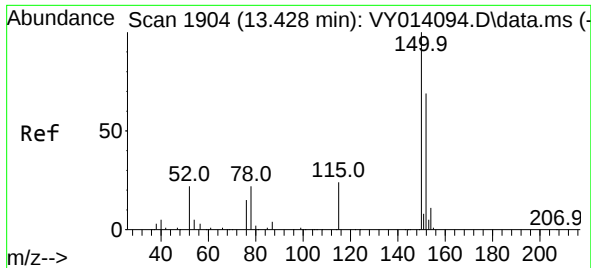
Tgt Ion: 95 Resp: 116845
Ion Ratio Lower Upper
95 100
174 95.3 0.0 178.2
176 90.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014359.D
Acq: 22 Jun 2023 01:27

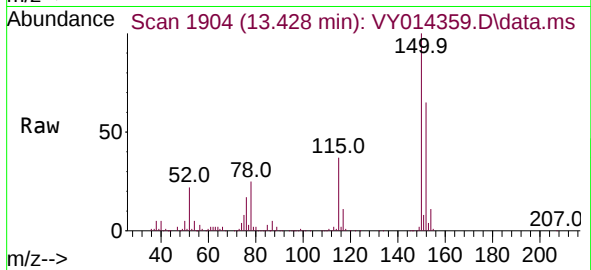
Tgt Ion: 117 Resp: 277440
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014359.D
 Acq: 22 Jun 2023 01:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-01



Tgt Ion:152 Resp: 133657

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.8	86.5
150	156.5	0.0	348.8

