

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014979.D
 Acq On : 08 Aug 2023 12:50
 Operator : SY/MD
 Sample : 03913-01
 Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11933

Quant Time: Aug 09 00:59:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

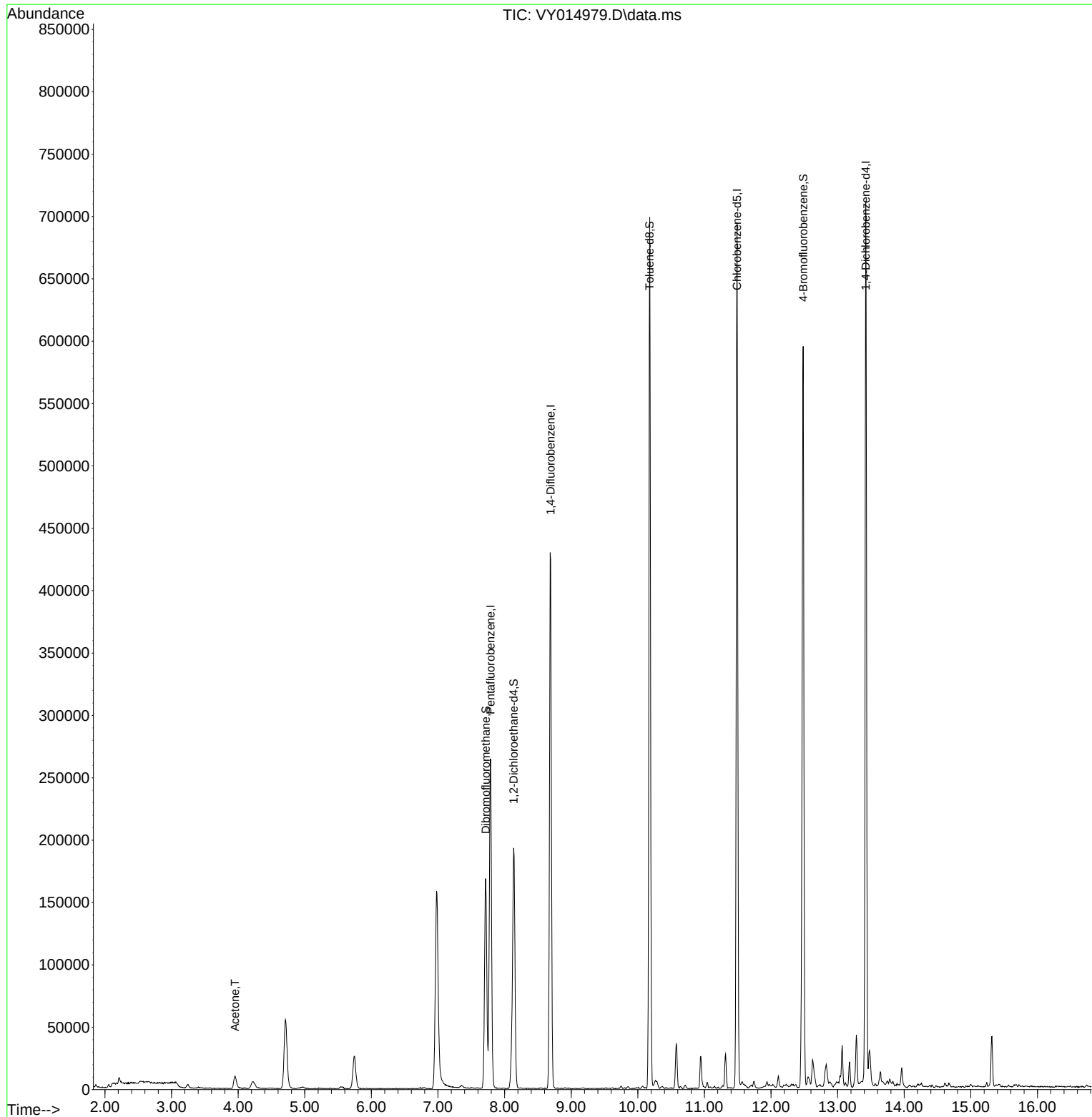
Internal Standards						
1) Pentafluorobenzene	7.789	168	209291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	370620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	363101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	141010	55.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.180%
35) Dibromofluoromethane	7.716	113	118487	49.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.179	98	445483	49.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.483	95	167454	52.376	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.760%
Target Compounds						
16) Acetone	3.954	43	18671	23.604	ug/l	Qvalue 93

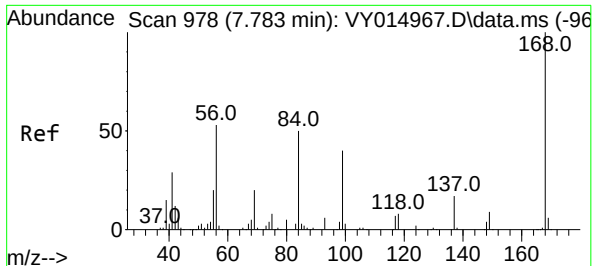
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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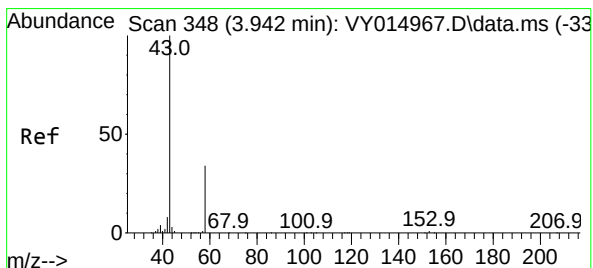
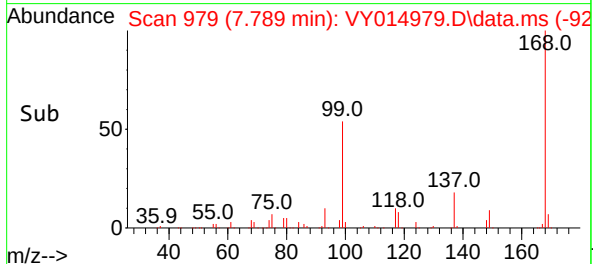
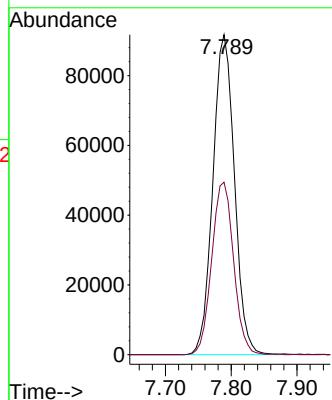
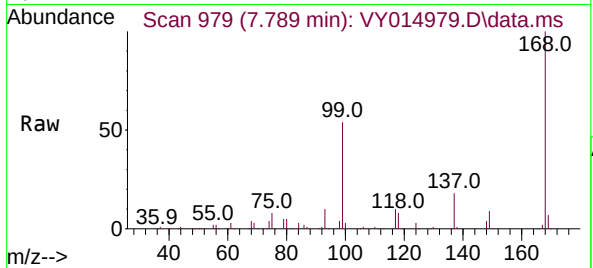




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014979.D
Acq: 08 Aug 2023 12:50

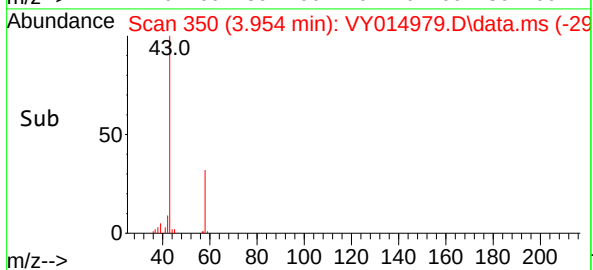
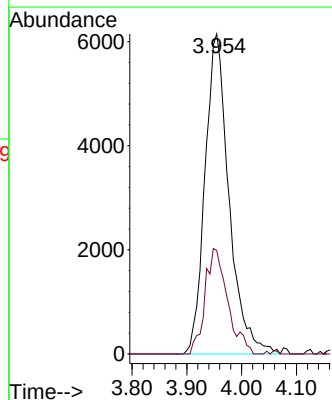
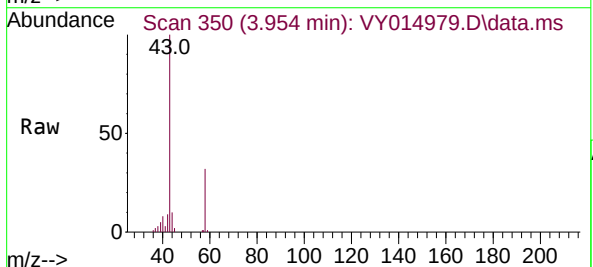
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

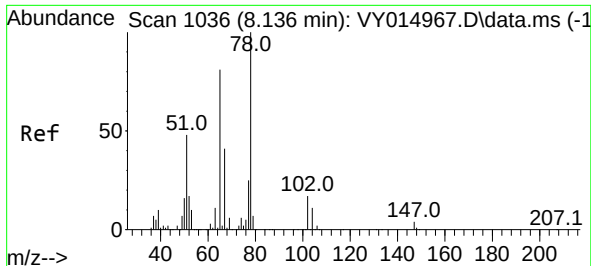
Tgt Ion:168 Resp: 209291
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 23.604 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY014979.D
Acq: 08 Aug 2023 12:50

Tgt Ion: 43 Resp: 18671
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 55.589 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014979.D

Acq: 08 Aug 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

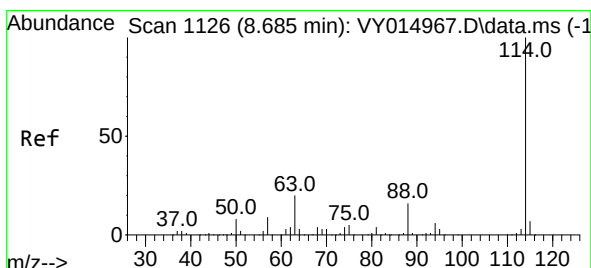
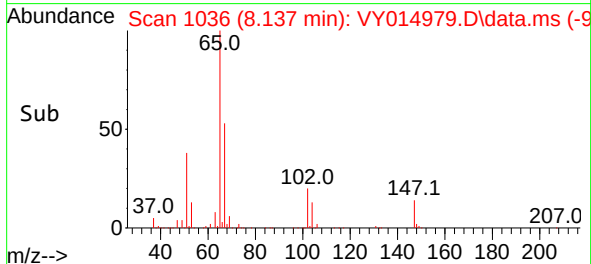
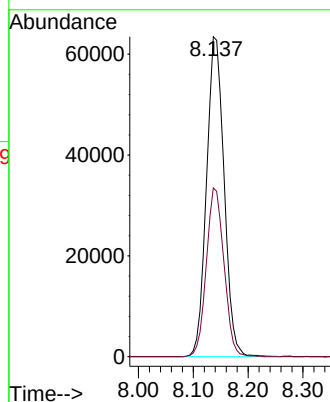
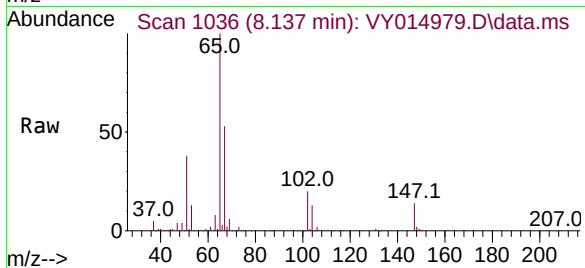
72-11933

Tgt Ion: 65 Resp: 141010

Ion Ratio Lower Upper

65 100

67 52.9 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: VY014979.D

Acq: 08 Aug 2023 12:50

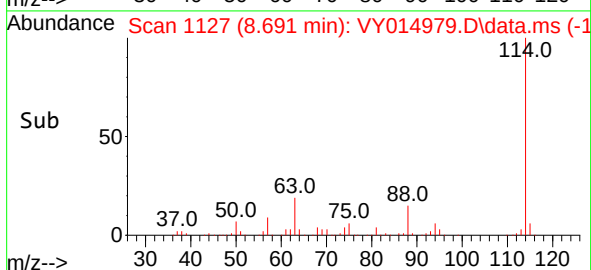
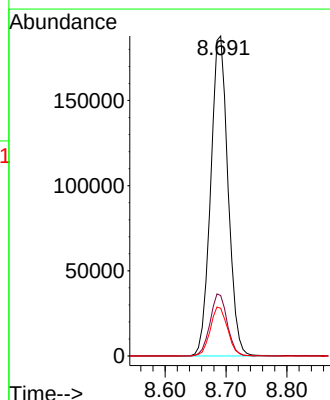
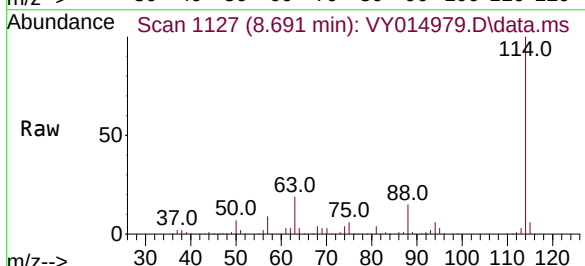
Tgt Ion: 114 Resp: 370620

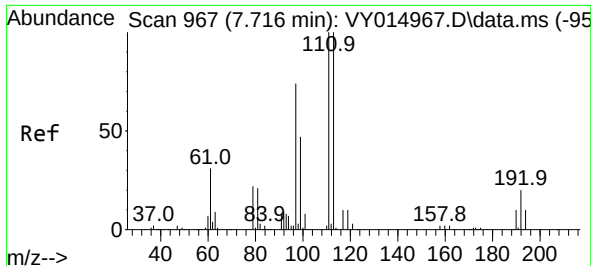
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.9 0.0 30.6

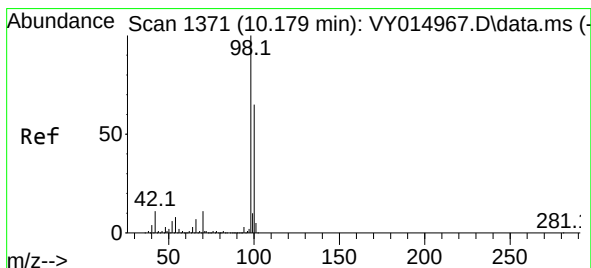
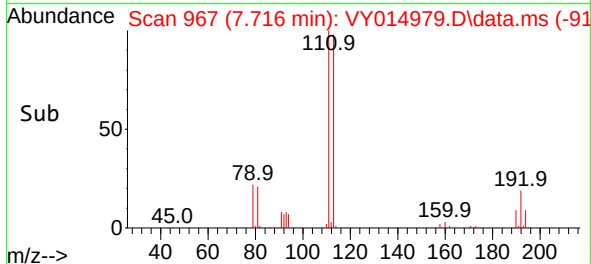
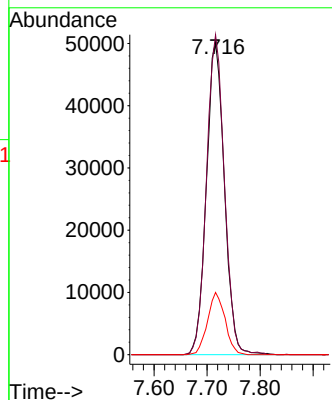
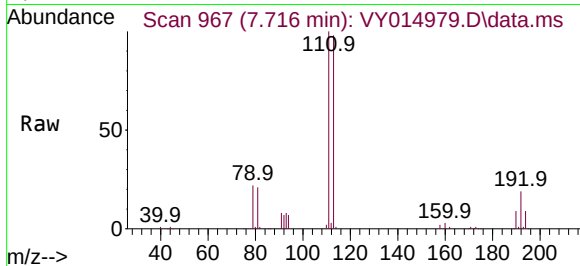




#35
 Dibromofluoromethane
 Concen: 49.994 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY014979.D
 Acq: 08 Aug 2023 12:50

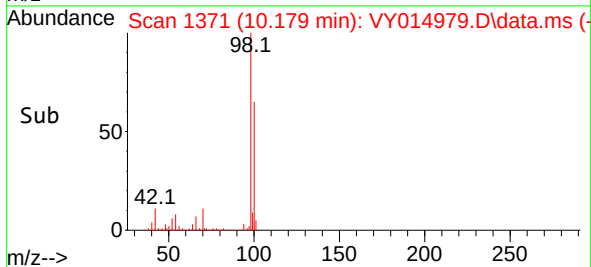
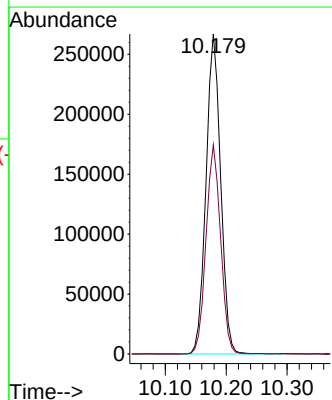
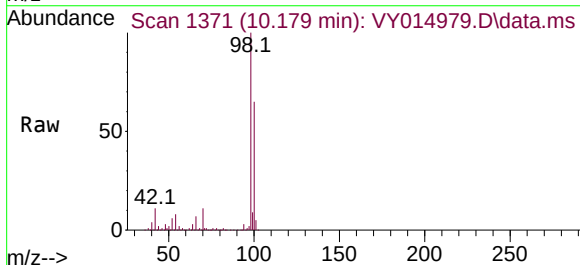
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11933

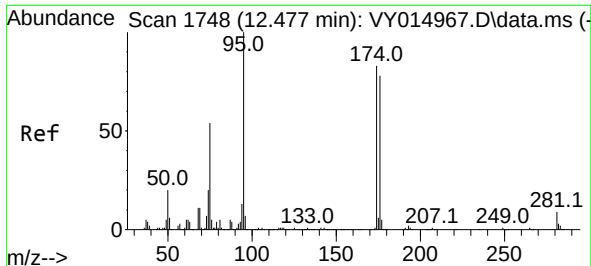
Tgt Ion:113 Resp: 118487
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.3 121.9
 192 19.4 16.9 25.3



#50
 Toluene-d8
 Concen: 49.383 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY014979.D
 Acq: 08 Aug 2023 12:50

Tgt Ion: 98 Resp: 445483
 Ion Ratio Lower Upper
 98 100
 100 65.1 50.1 75.1

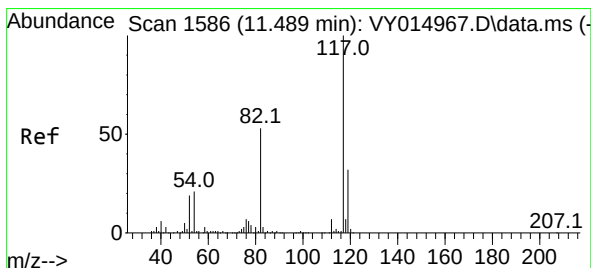
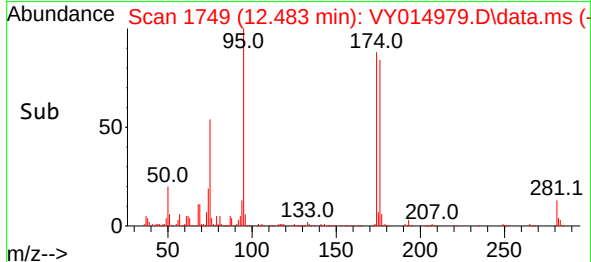
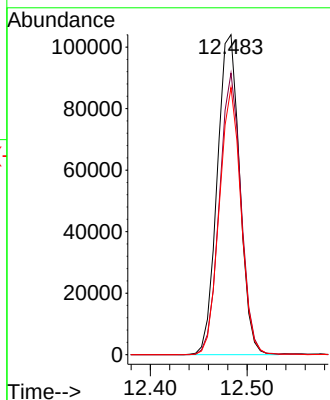
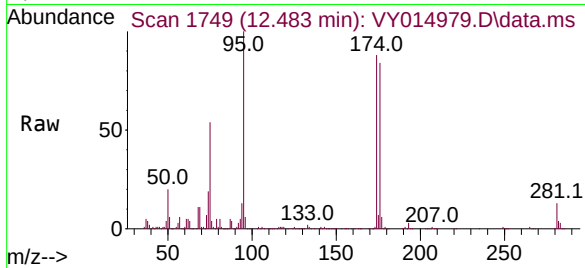




#62
4-Bromofluorobenzene
Concen: 52.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014979.D
Acq: 08 Aug 2023 12:50

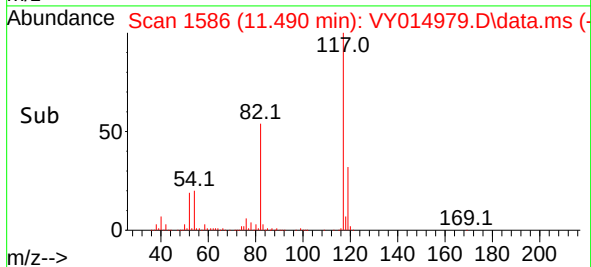
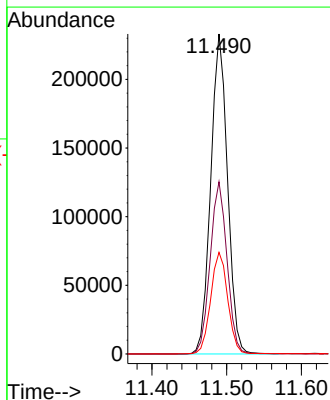
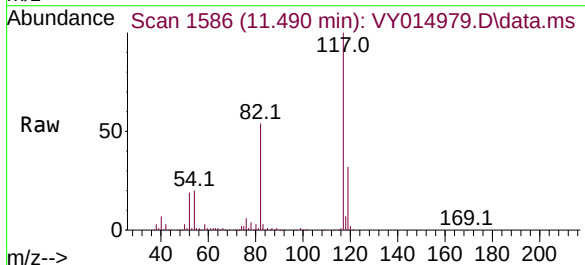
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

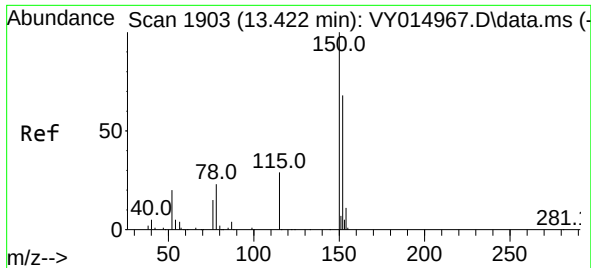
Tgt Ion: 95 Resp: 167454
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 80.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014979.D
Acq: 08 Aug 2023 12:50

Tgt Ion: 117 Resp: 363101
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 31.7 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: VY014979.D

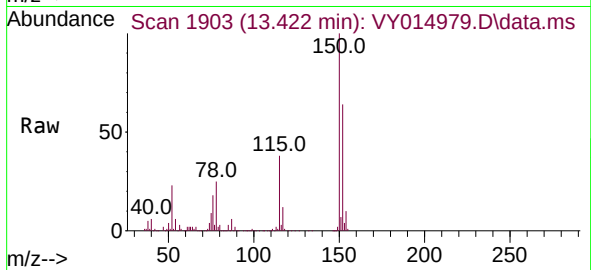
Acq: 08 Aug 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

72-11933



Tgt Ion:152 Resp: 176872

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 156.5 0.0 348.8

