

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014044.D
 Acq On : 06 Jun 2023 20:30
 Operator : KP/MD
 Sample : 03044-08
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-0-2.0

Quant Time: Jun 07 01:43:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

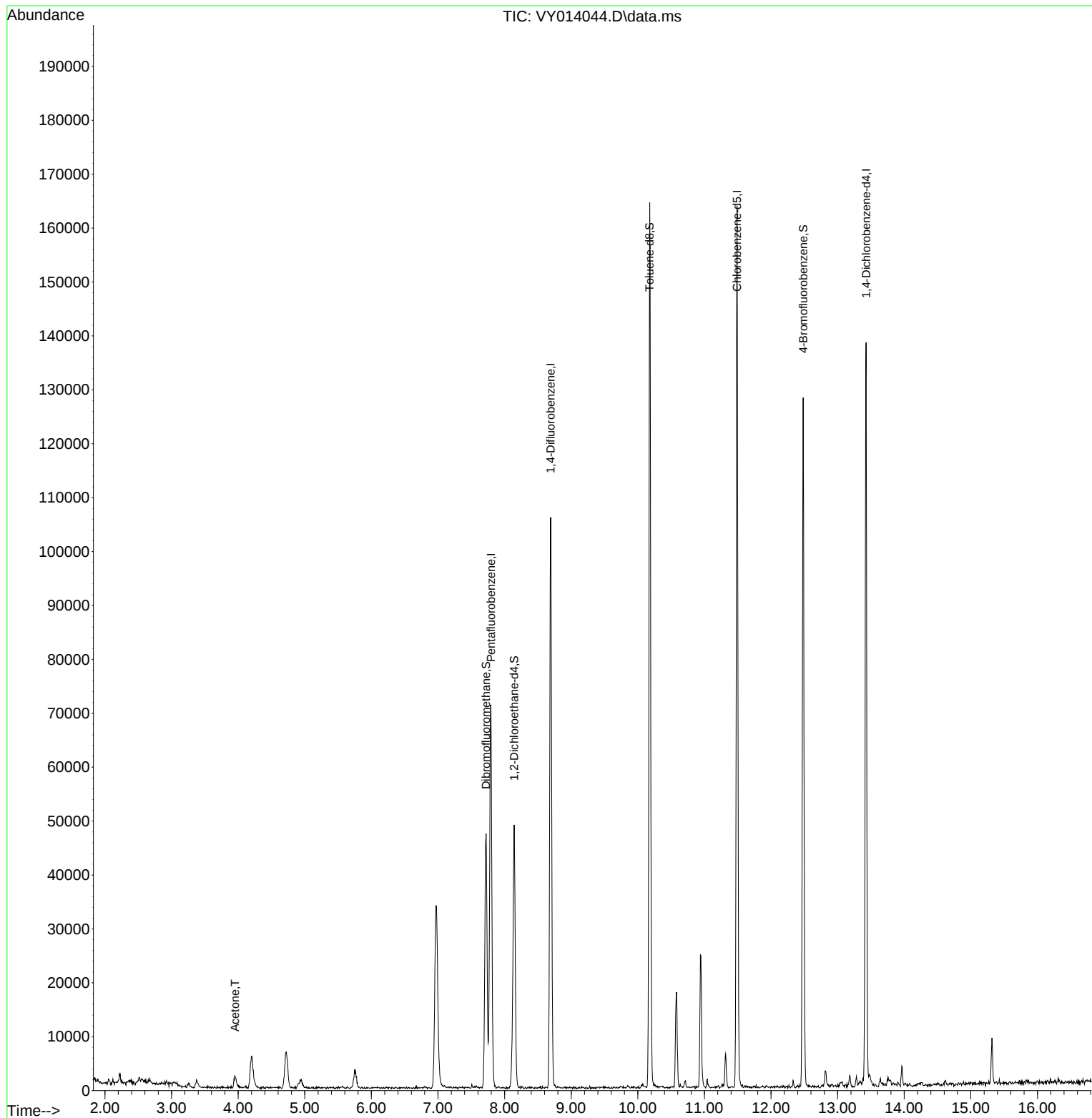
Internal Standards						
1) Pentafluorobenzene	7.795	168	55659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	87619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	86672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	37536	50.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.880%	
35) Dibromofluoromethane	7.722	113	32642	58.621	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.240%	
50) Toluene-d8	10.179	98	107358	50.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.483	95	33002	45.576	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.160%	
Target Compounds						
16) Acetone	3.954	43	3766	14.940	ug/l	Qvalue 91

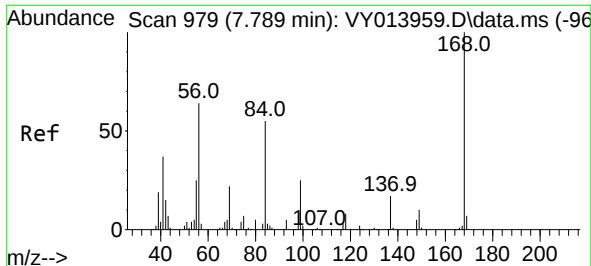
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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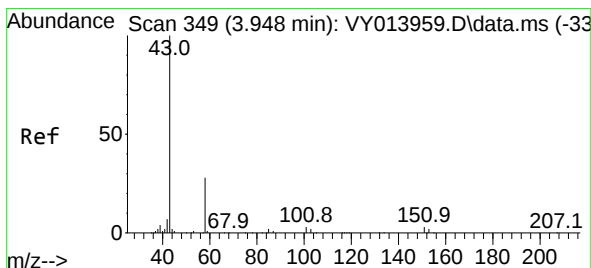
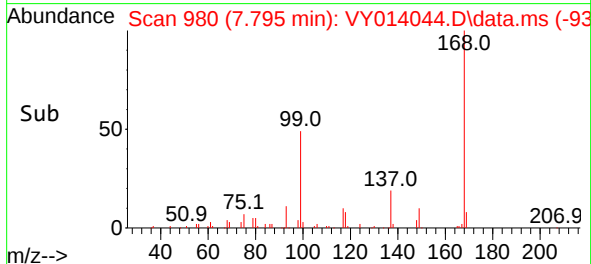
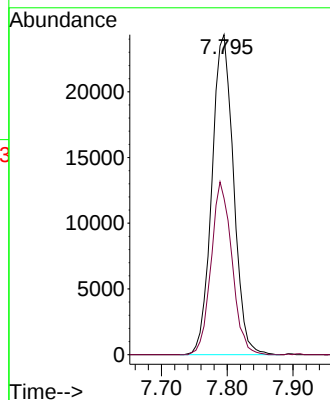
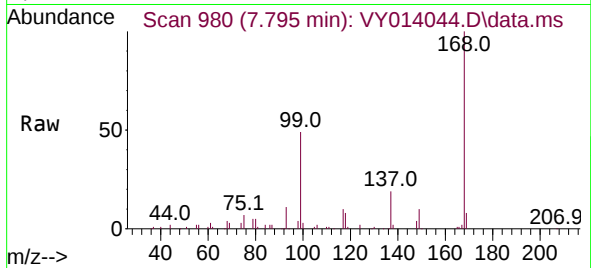




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014044.D
Acq: 06 Jun 2023 20:30

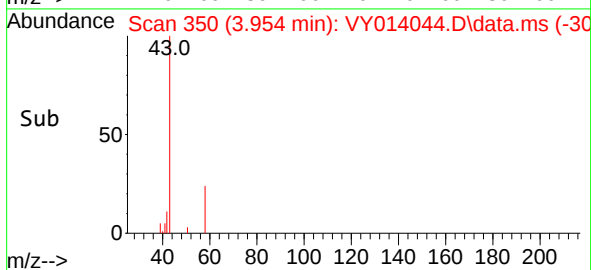
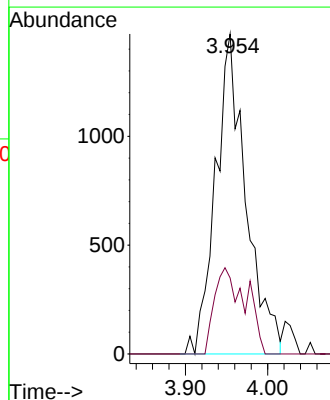
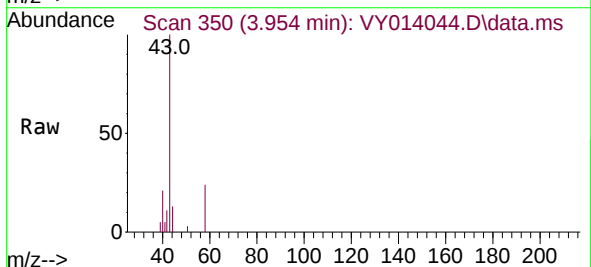
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

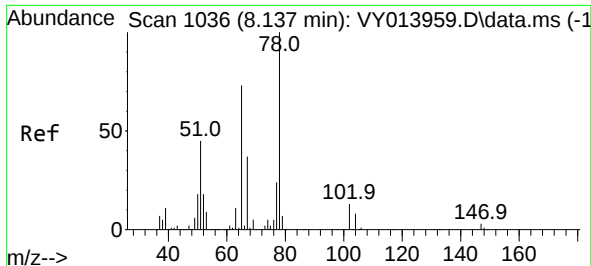
Tgt Ion:168 Resp: 55659
Ion Ratio Lower Upper
168 100
99 48.8 43.4 65.0



#16
Acetone
Concen: 14.940 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY014044.D
Acq: 06 Jun 2023 20:30

Tgt Ion: 43 Resp: 3766
Ion Ratio Lower Upper
43 100
58 23.7 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 50.945 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014044.D

Acq: 06 Jun 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

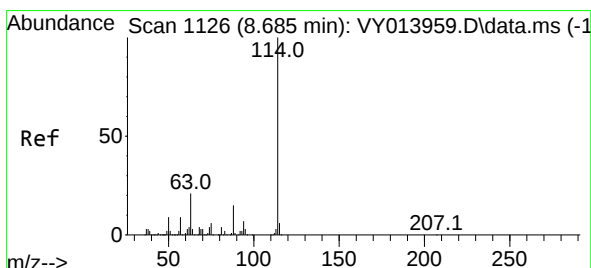
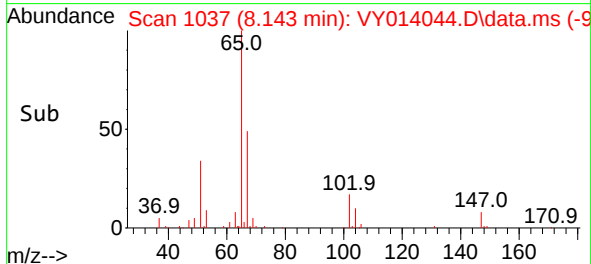
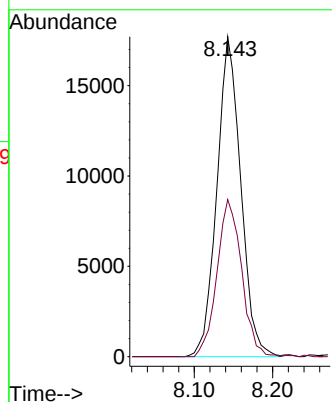
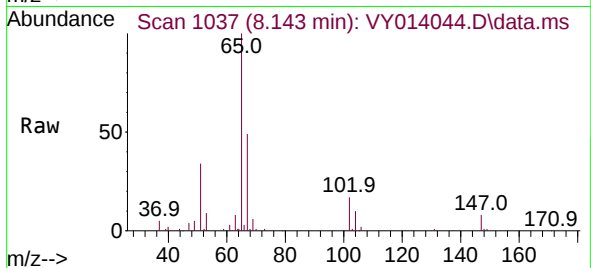
SB-04-0-2.0

Tgt Ion: 65 Resp: 37536

Ion Ratio Lower Upper

65 100

67 50.6 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: VY014044.D

Acq: 06 Jun 2023 20:30

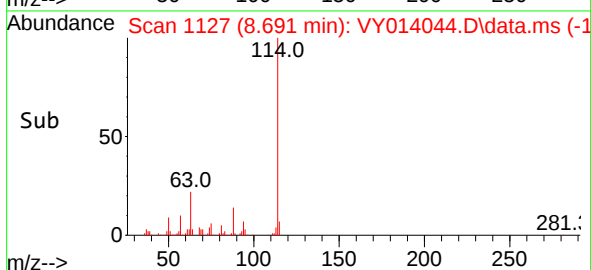
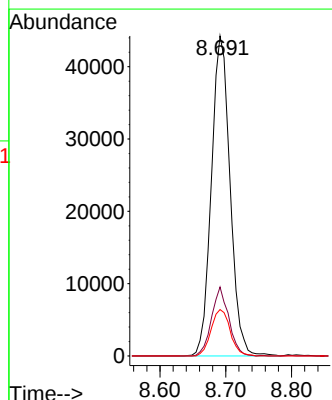
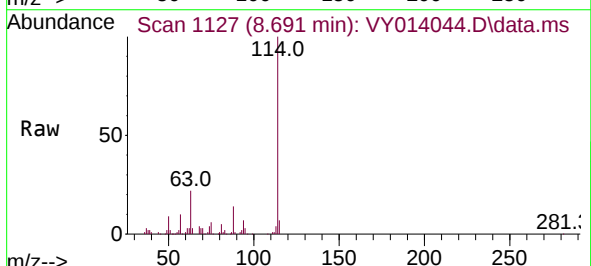
Tgt Ion:114 Resp: 87619

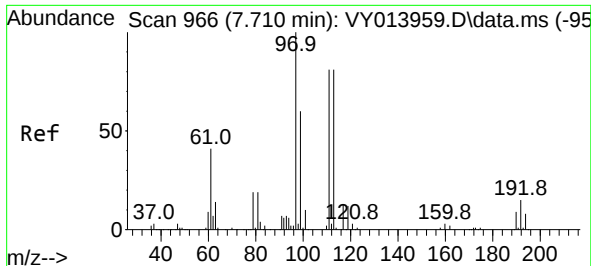
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 58.621 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY014044.D

Acq: 06 Jun 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-0-2.0

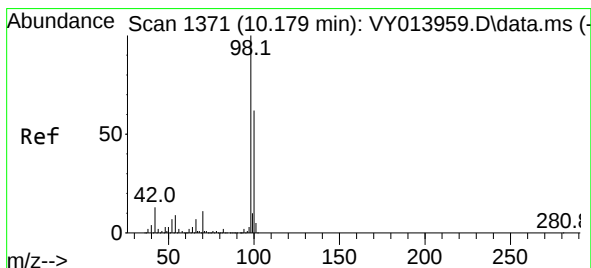
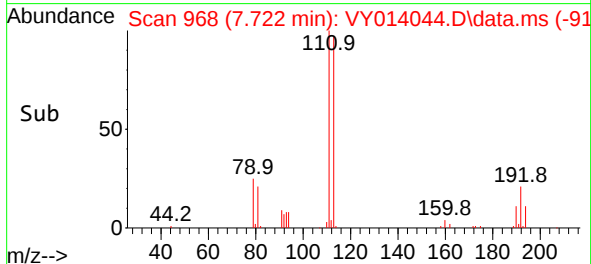
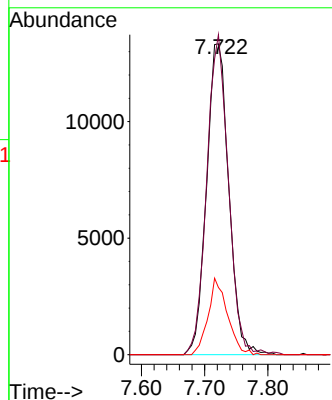
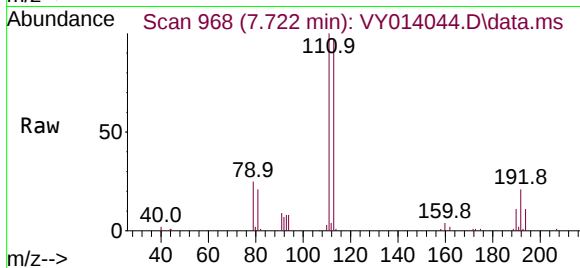
Tgt Ion:113 Resp: 32642

Ion Ratio Lower Upper

113 100

111 99.9 81.3 121.9

192 21.5 16.9 25.3



#50

Toluene-d8

Concen: 50.546 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014044.D

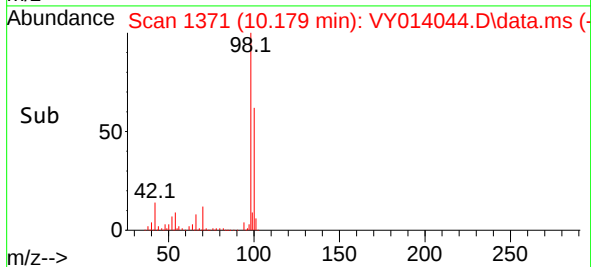
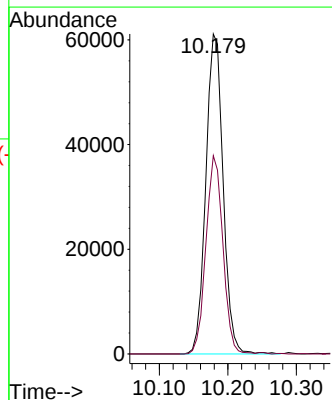
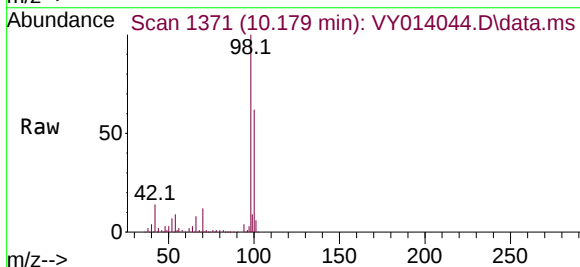
Acq: 06 Jun 2023 20:30

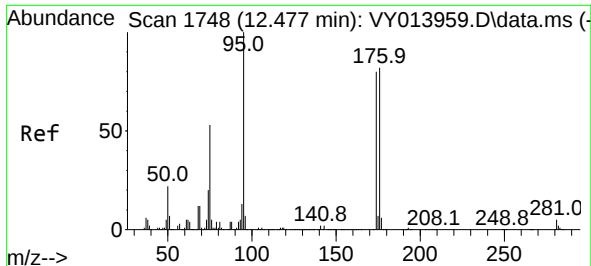
Tgt Ion: 98 Resp: 107358

Ion Ratio Lower Upper

98 100

100 60.8 50.1 75.1

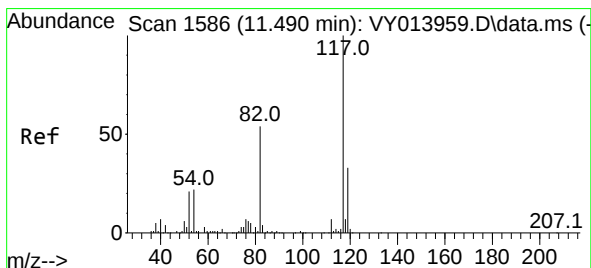
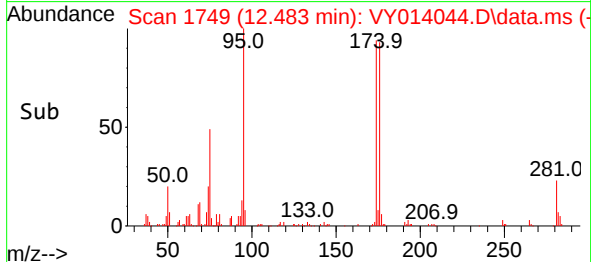
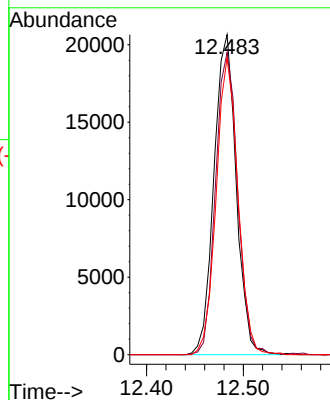
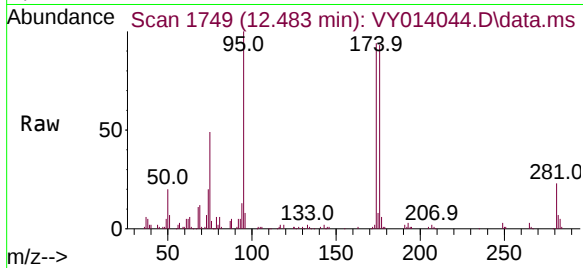




#62
4-Bromofluorobenzene
Concen: 45.576 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014044.D
Acq: 06 Jun 2023 20:30

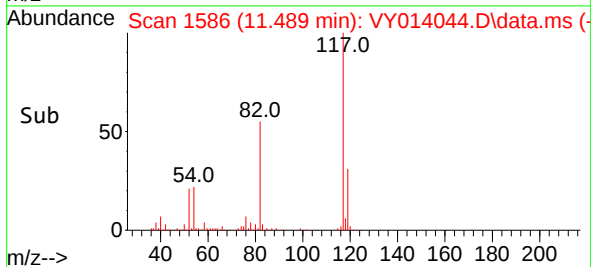
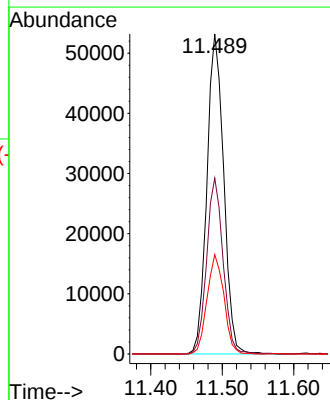
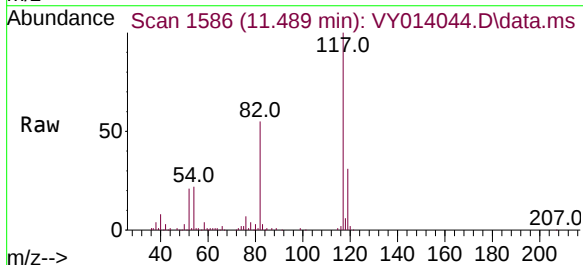
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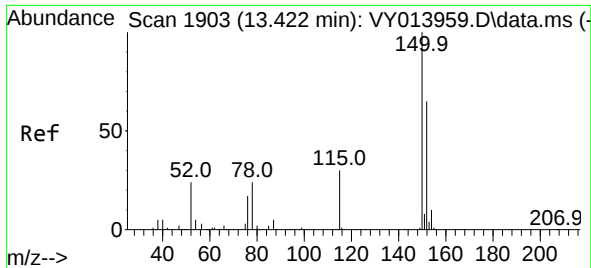
Tgt Ion: 95 Resp: 33002
Ion Ratio Lower Upper
95 100
174 93.9 0.0 178.2
176 90.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014044.D
Acq: 06 Jun 2023 20:30

Tgt Ion: 117 Resp: 86672
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 31.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014044.D

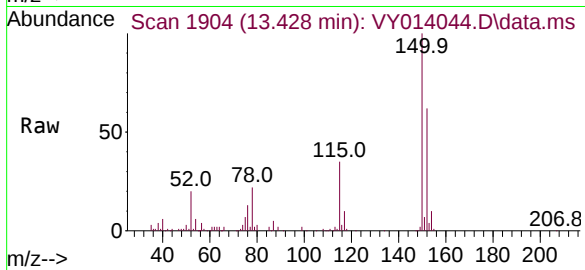
Acq: 06 Jun 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-0-2.0



Tgt Ion:152 Resp: 36062

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 158.1 0.0 348.8

