

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014064.D
 Acq On : 07 Jun 2023 16:52
 Operator : KP/MD
 Sample : 03044-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0RE

Quant Time: Jun 08 02:34:06 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)

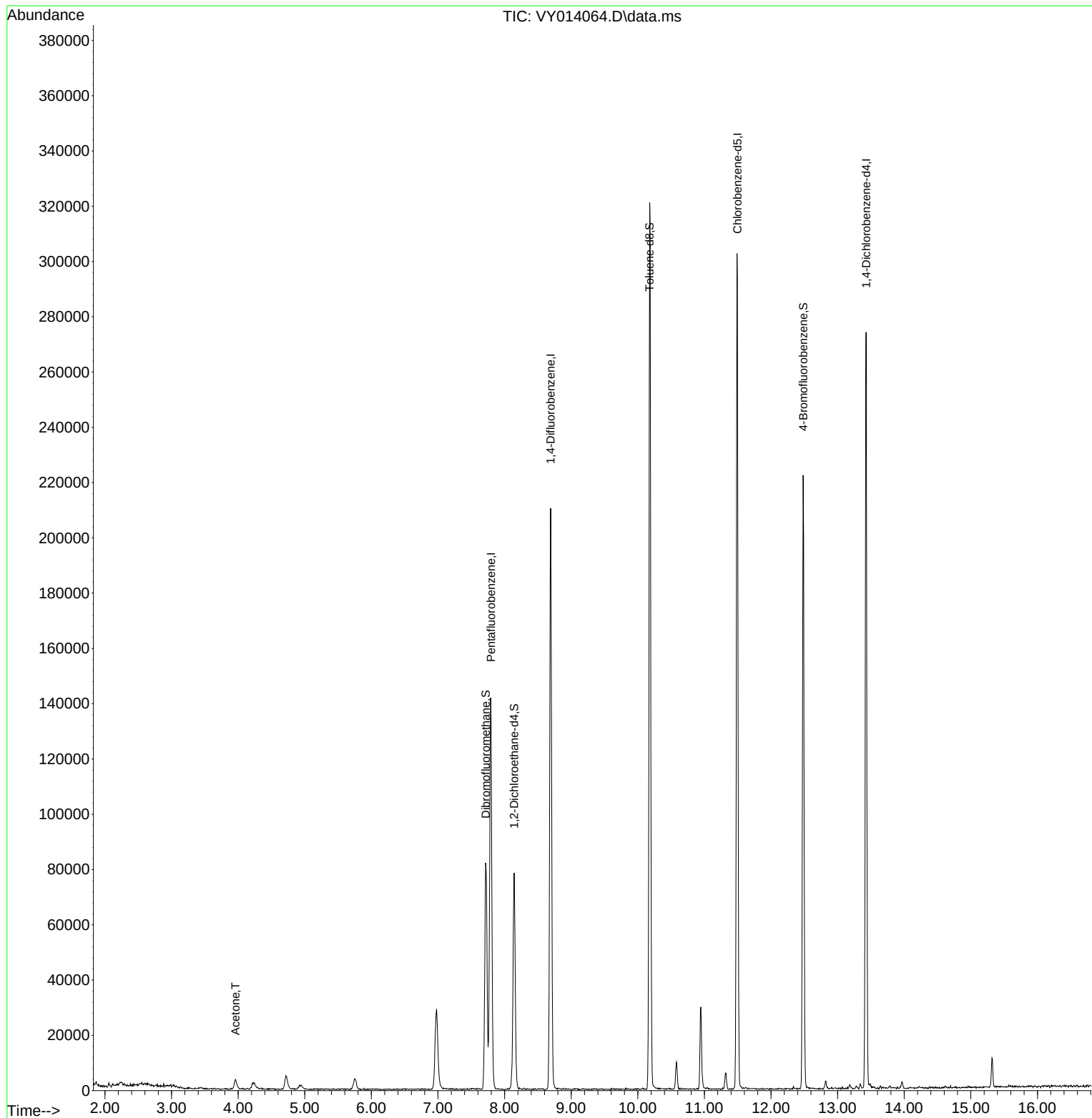
Internal Standards						
1) Pentafluorobenzene	7.795	168	107814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	173344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	162877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63075	44.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.380%
35) Dibromofluoromethane	7.716	113	57070	51.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.620%
50) Toluene-d8	10.179	98	211029	50.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.483	95	59871	41.793	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.580%
Target Compounds						
16) Acetone	3.960	43	6382	13.070	ug/l	Qvalue 91

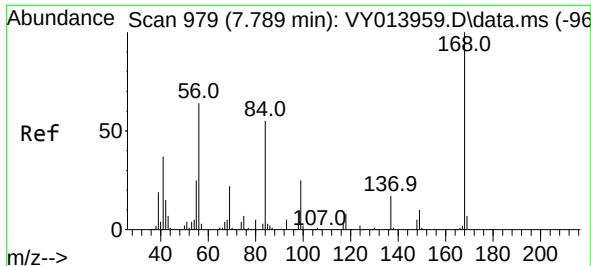
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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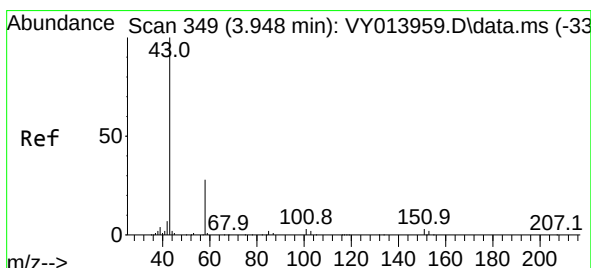
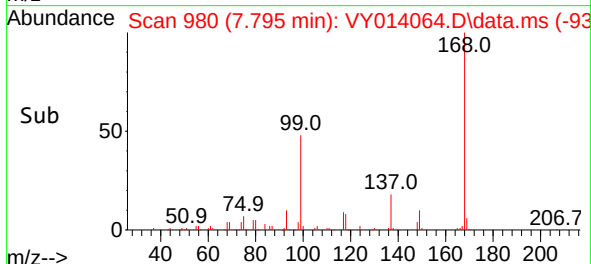
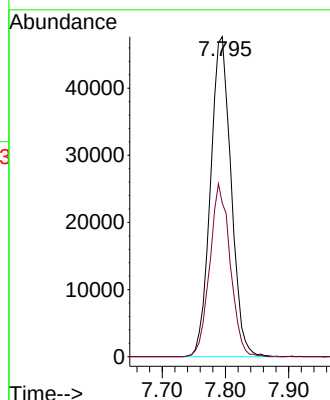
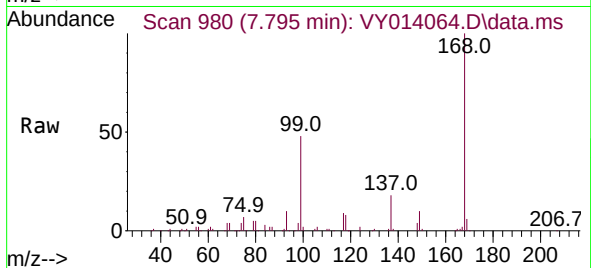




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

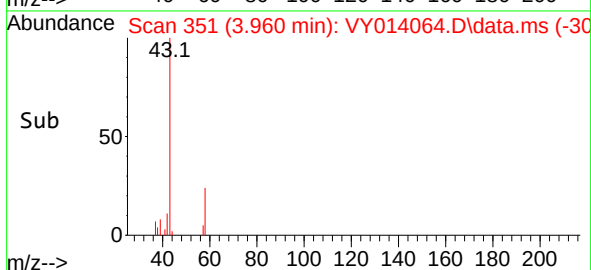
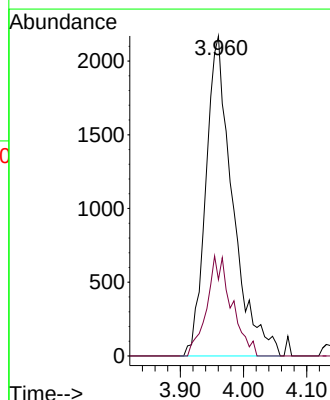
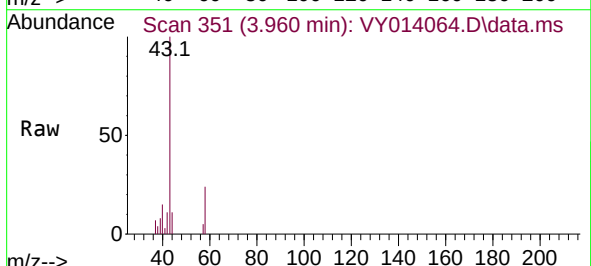
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0RE

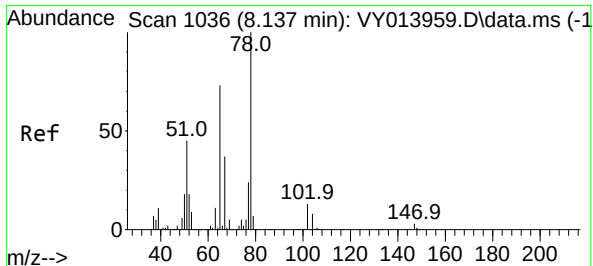
Tgt Ion:168 Resp: 107814
Ion Ratio Lower Upper
168 100
99 48.0 43.4 65.0



#16
Acetone
Concen: 13.070 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

Tgt Ion: 43 Resp: 6382
Ion Ratio Lower Upper
43 100
58 23.9 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 44.195 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014064.D

Acq: 07 Jun 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

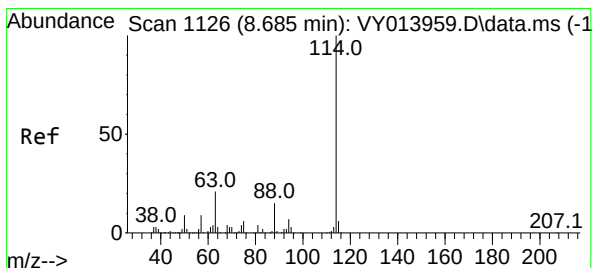
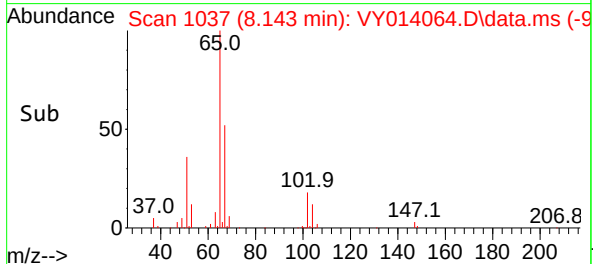
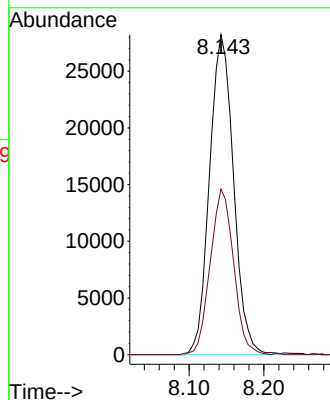
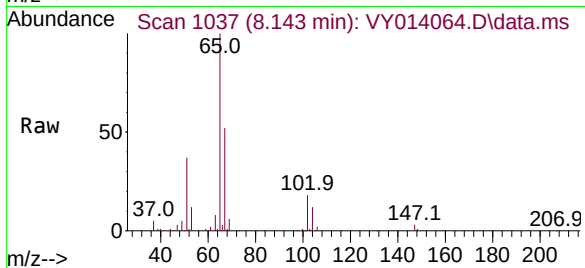
SB-02-0-2.0RE

Tgt Ion: 65 Resp: 63075

Ion Ratio Lower Upper

65 100

67 50.3 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: VY014064.D

Acq: 07 Jun 2023 16:52

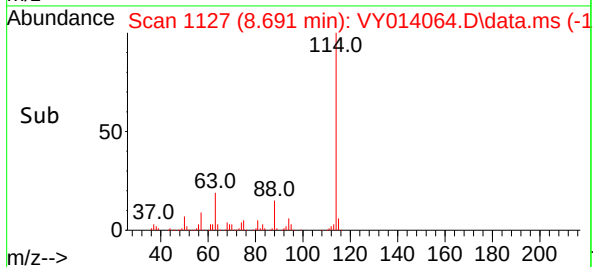
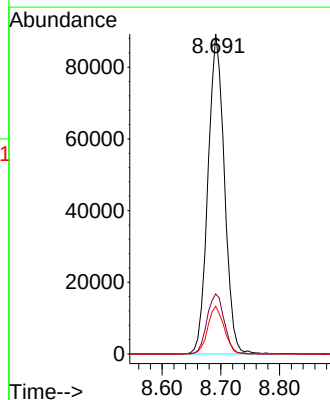
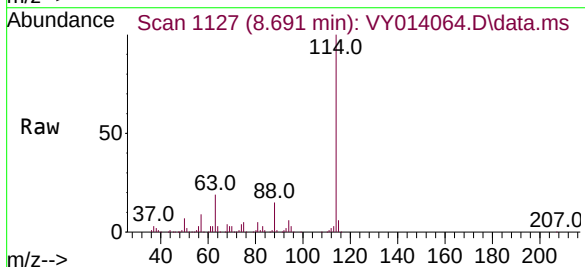
Tgt Ion: 114 Resp: 173344

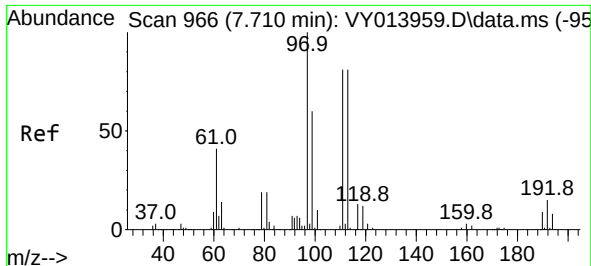
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.805 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY014064.D

Acq: 07 Jun 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0RE

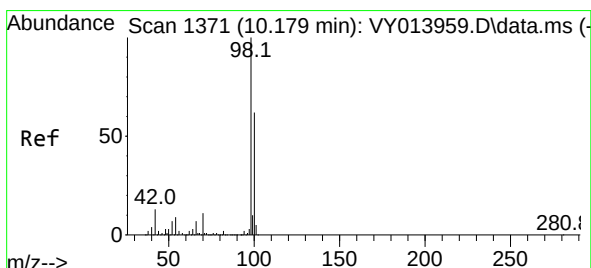
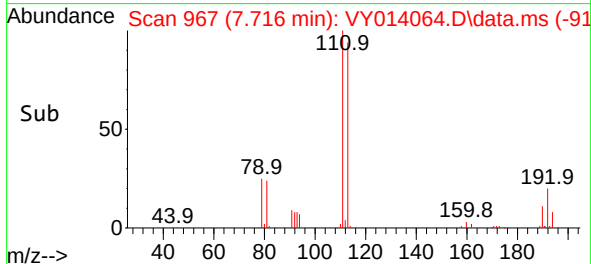
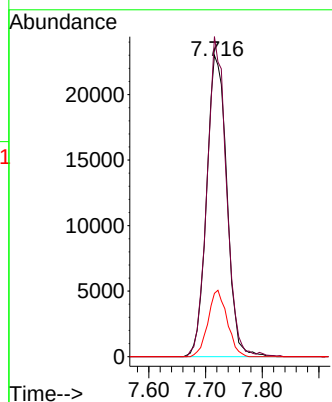
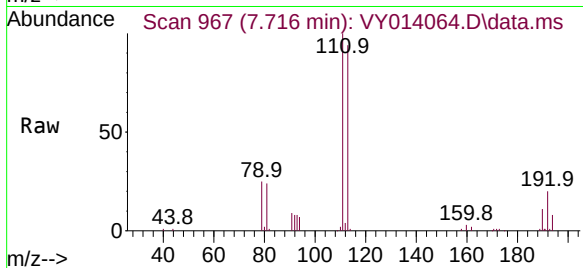
Tgt Ion:113 Resp: 57070

Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

192 20.9 16.9 25.3



#50

Toluene-d8

Concen: 50.221 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014064.D

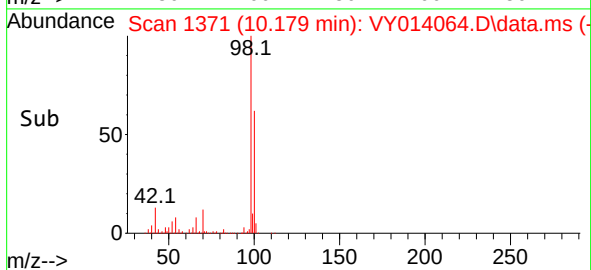
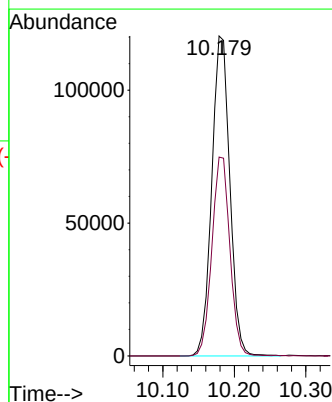
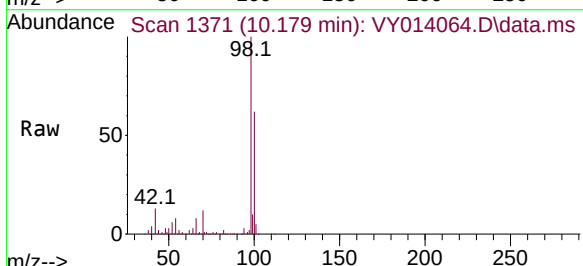
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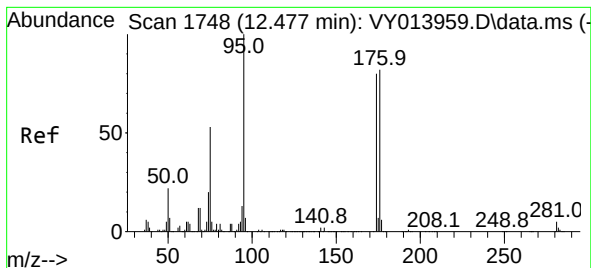
Tgt Ion: 98 Resp: 211029

Ion Ratio Lower Upper

98 100

100 62.0 50.1 75.1

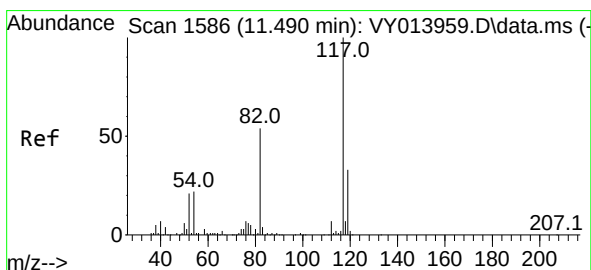
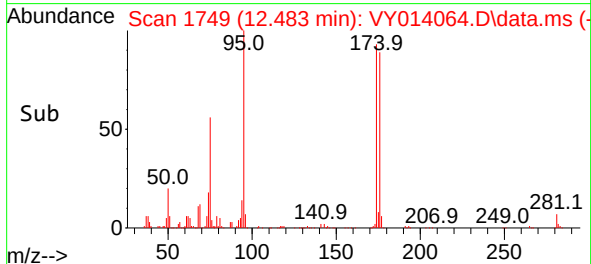
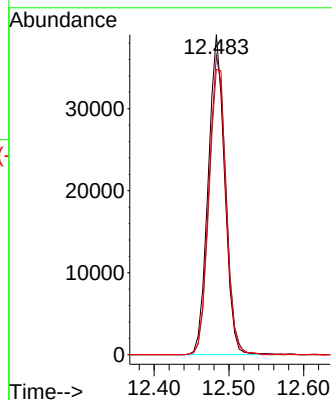
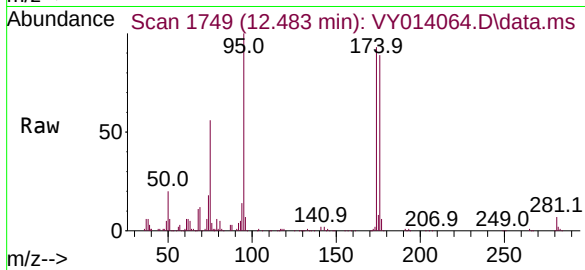




#62
4-Bromofluorobenzene
Concen: 41.793 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

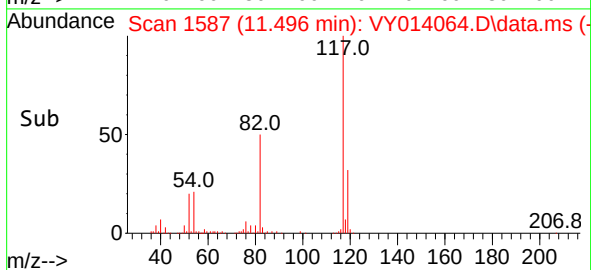
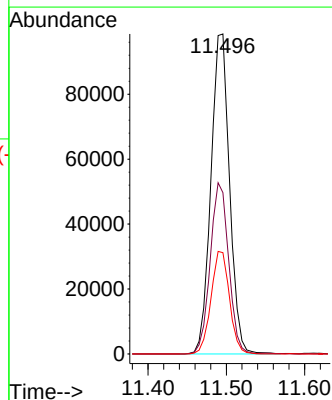
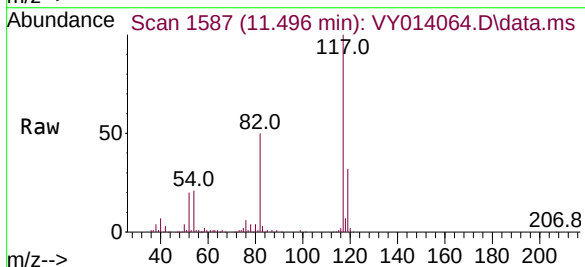
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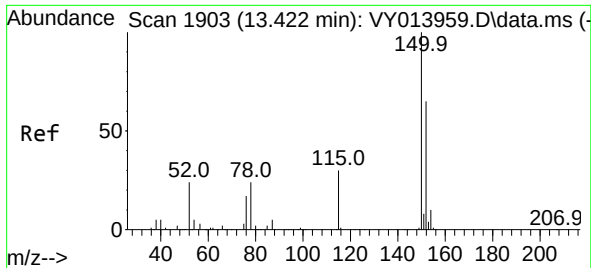
Tgt Ion: 95 Resp: 59871
Ion Ratio Lower Upper
95 100
174 96.6 0.0 178.2
176 94.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014064.D
Acq: 07 Jun 2023 16:52

Tgt Ion: 117 Resp: 162877
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.0
119 31.7 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: VY014064.D

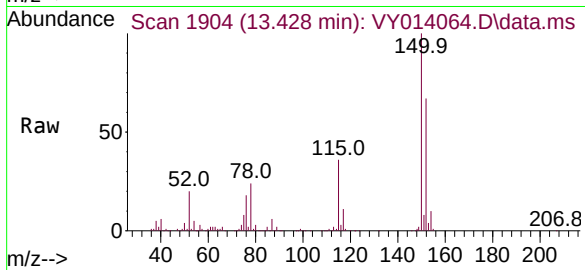
Acq: 07 Jun 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0RE



Tgt Ion:152 Resp: 70144

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 155.5 0.0 348.8

