

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014037.D
 Acq On : 06 Jun 2023 17:46
 Operator : KP/MD
 Sample : 03039-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB30ARE

Quant Time: Jun 07 01:41:03 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)

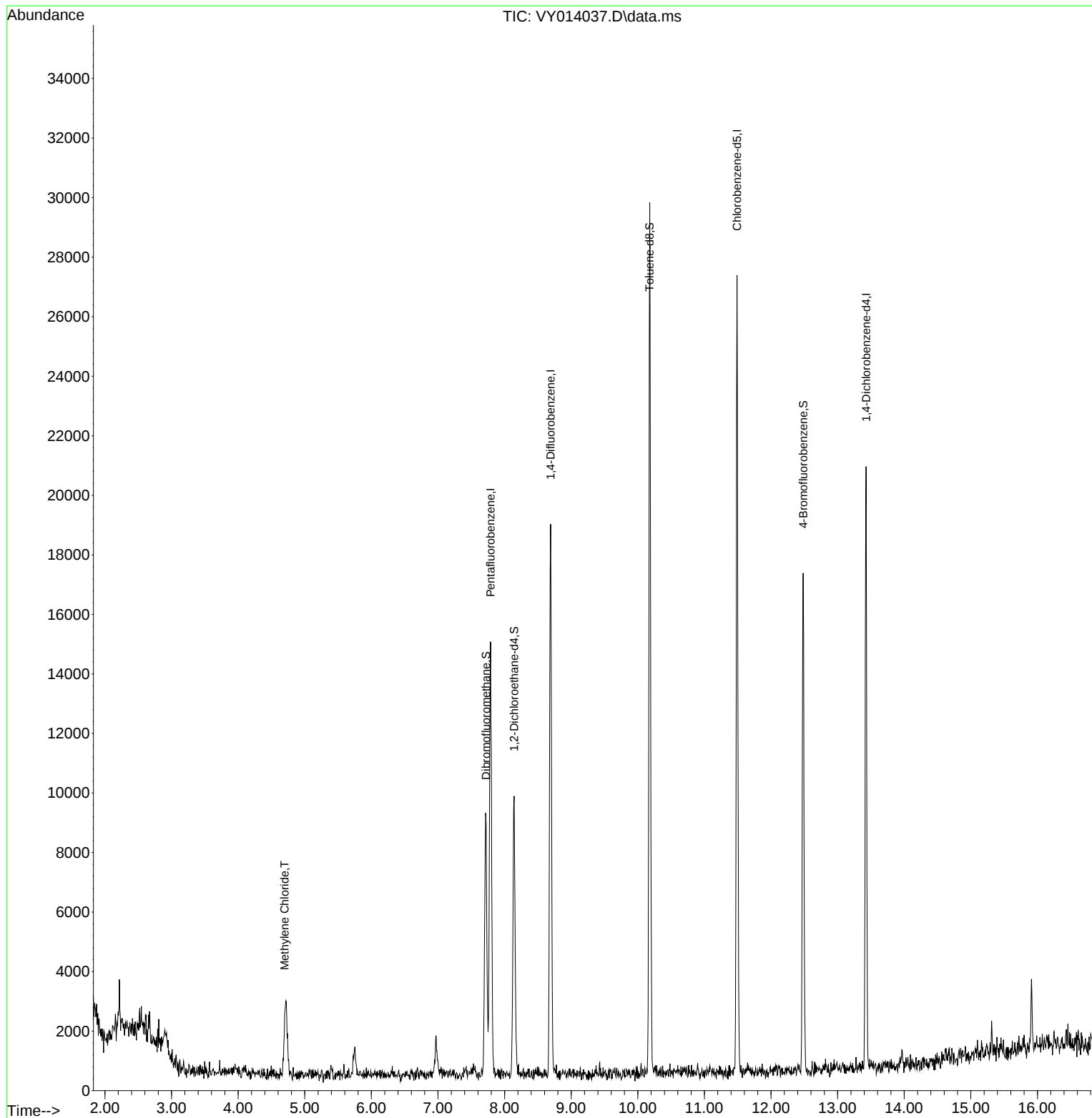
Internal Standards						
1) Pentafluorobenzene	7.789	168	10835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7381	51.461	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	102.920%	
35) Dibromofluoromethane	7.722	113	6331	62.812	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	=	125.620%	
50) Toluene-d8	10.179	98	18941	49.266	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	98.540%	
62) 4-Bromofluorobenzene	12.483	95	5405	41.237	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	82.480%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	1998	12.019	ug/l #	66

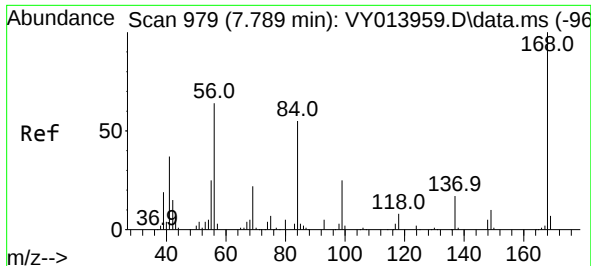
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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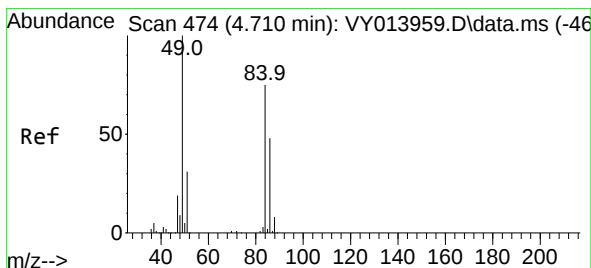
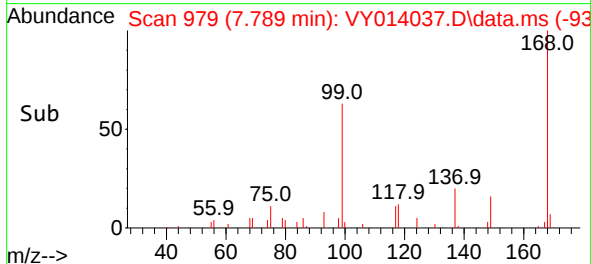
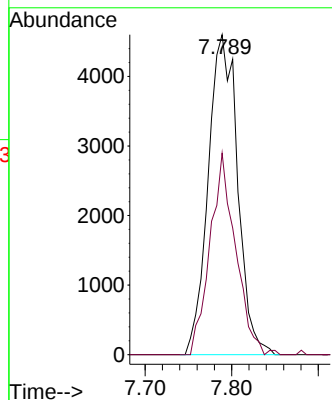
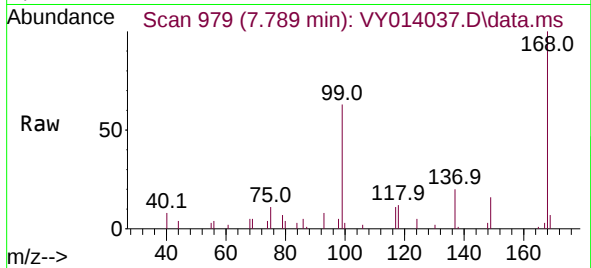




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46

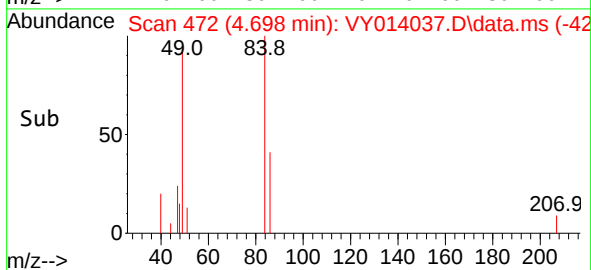
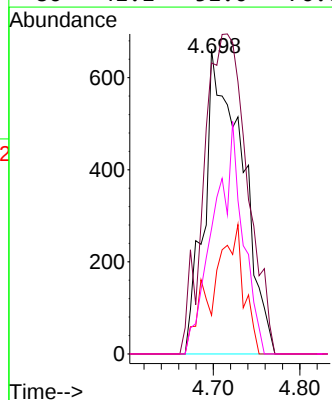
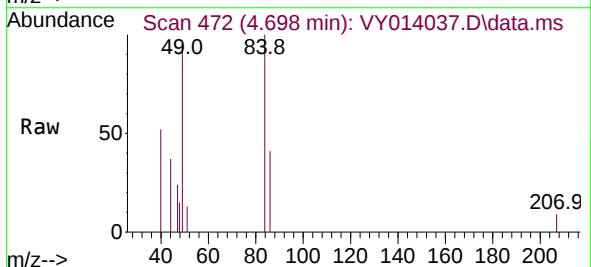
Instrument :
MSVOA_Y
ClientSampleId :
SB30ARE

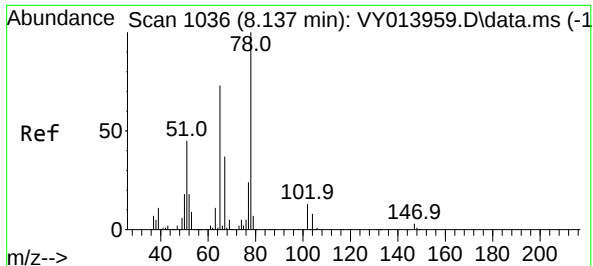
Tgt Ion:168 Resp: 10835
Ion Ratio Lower Upper
168 100
99 63.0 43.4 65.0



#20
Methylene Chloride
Concen: 12.019 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46

Tgt Ion: 84 Resp: 1998
Ion Ratio Lower Upper
84 100
49 95.5 106.9 160.3#
51 12.7 33.2 49.8#
86 41.1 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 51.461 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY014037.D

Acq: 06 Jun 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

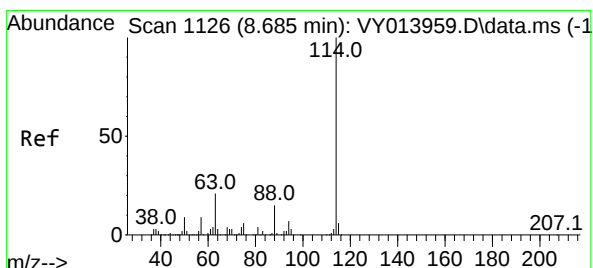
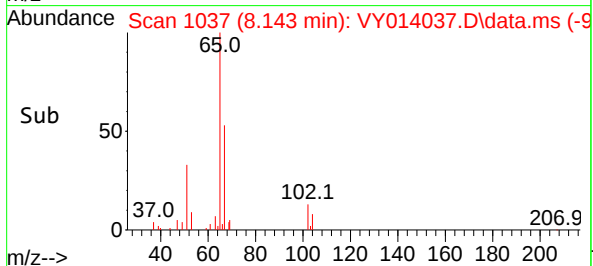
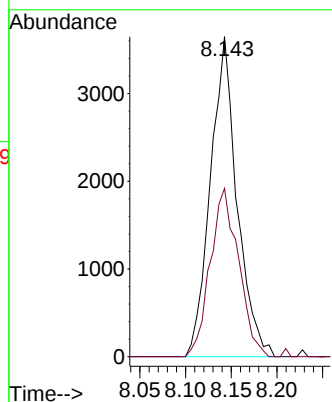
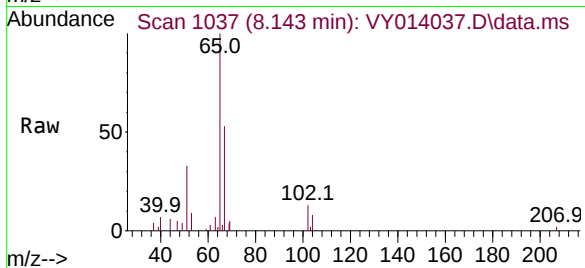
SB30ARE

Tgt Ion: 65 Resp: 7381

Ion Ratio Lower Upper

65 100

67 55.9 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: VY014037.D

Acq: 06 Jun 2023 17:46

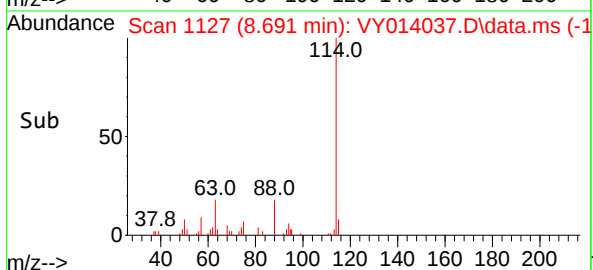
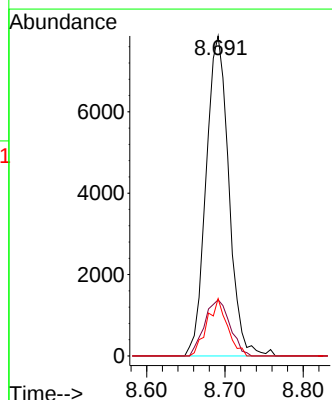
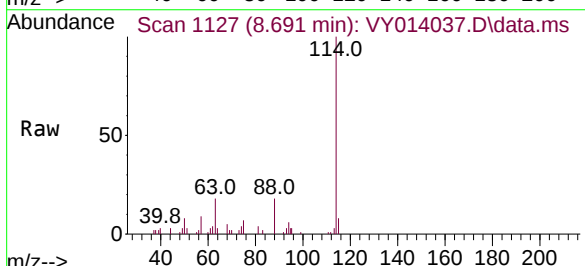
Tgt Ion: 114 Resp: 15860

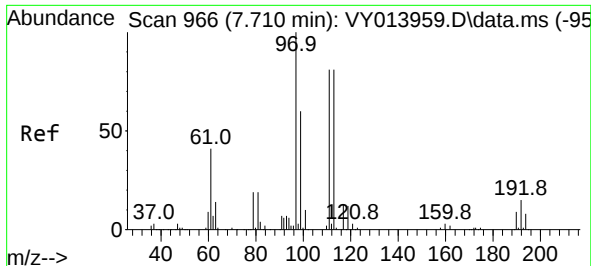
Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.4

88 17.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 62.812 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY014037.D

Acq: 06 Jun 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

SB30ARE

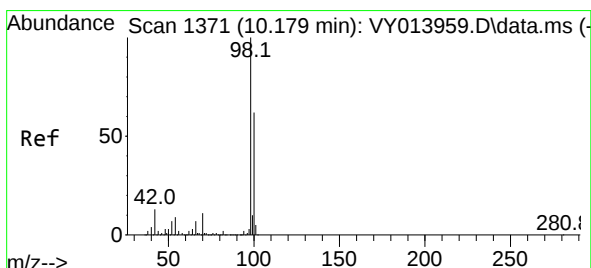
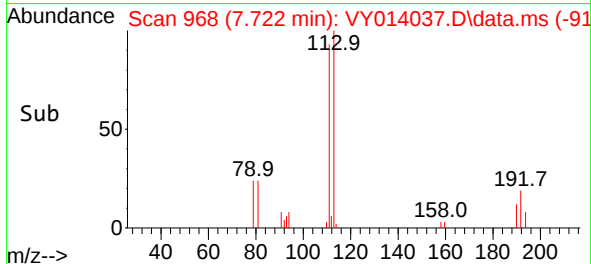
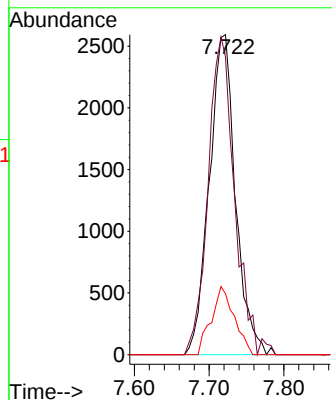
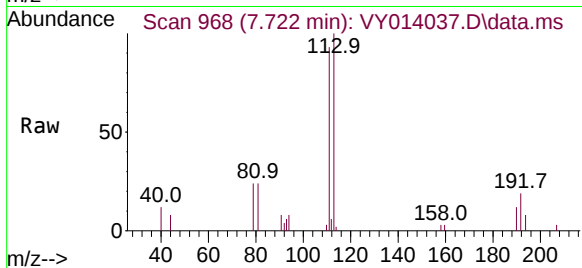
Tgt Ion:113 Resp: 6331

Ion Ratio Lower Upper

113 100

111 100.3 81.3 121.9

192 18.6 16.9 25.3



#50

Toluene-d8

Concen: 49.266 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014037.D

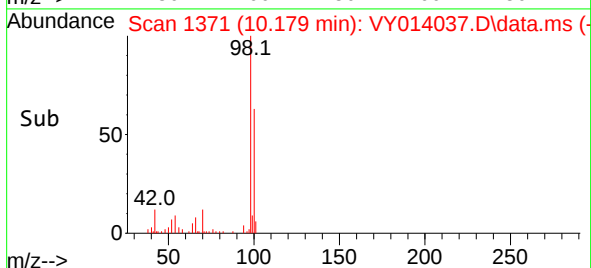
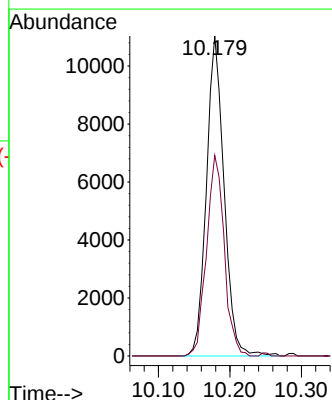
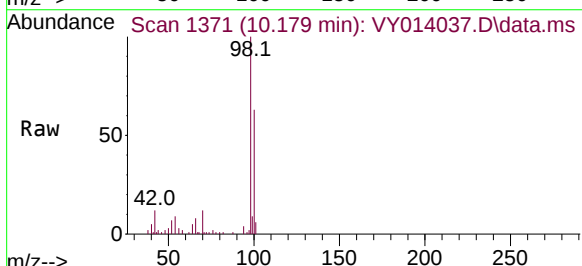
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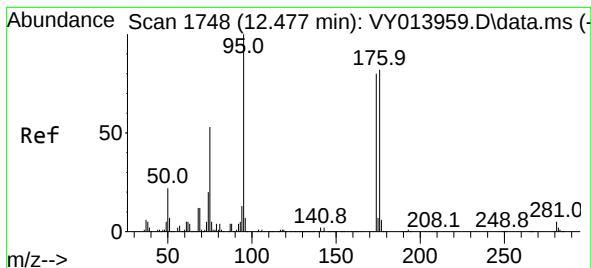
Tgt Ion: 98 Resp: 18941

Ion Ratio Lower Upper

98 100

100 62.8 50.1 75.1

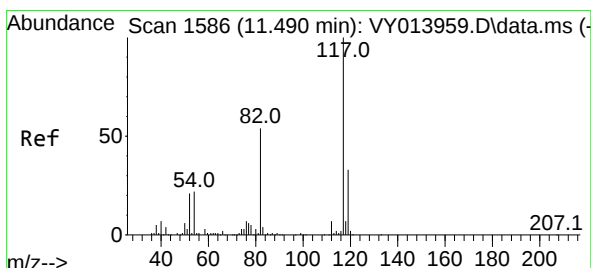
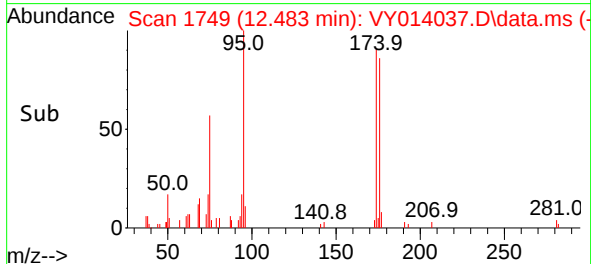
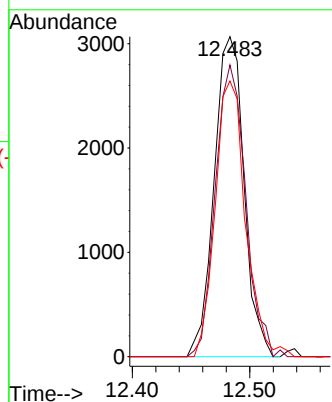
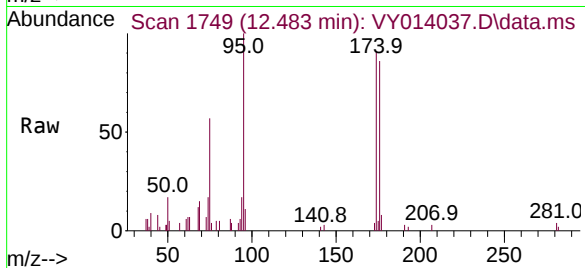




#62
4-Bromofluorobenzene
Concen: 41.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46

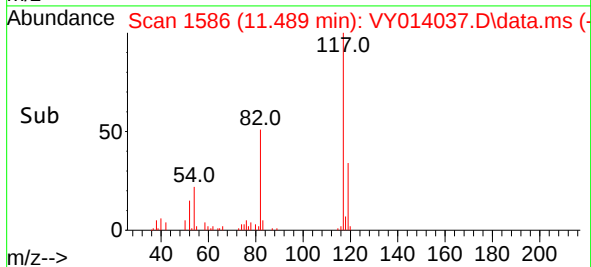
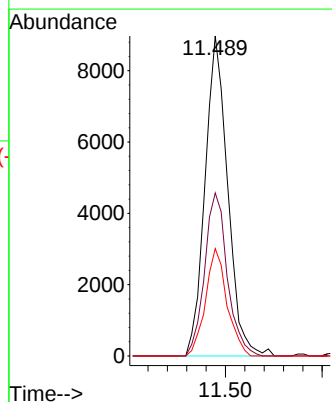
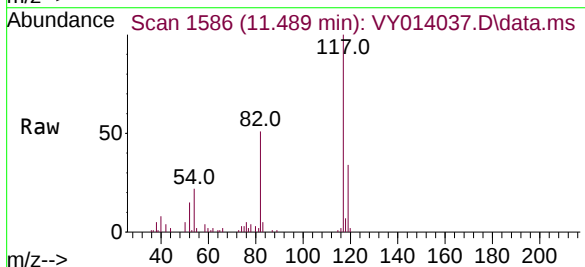
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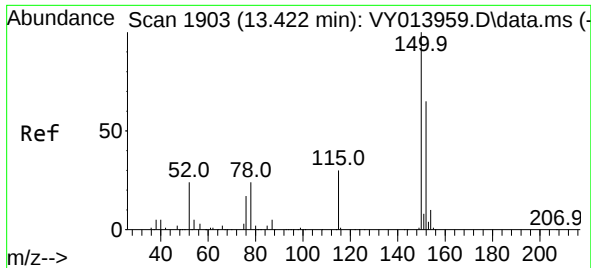
Tgt Ion: 95 Resp: 5405
Ion Ratio Lower Upper
95 100
174 92.7 0.0 178.2
176 87.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46

Tgt Ion: 117 Resp: 14621
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 33.6 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: VY014037.D

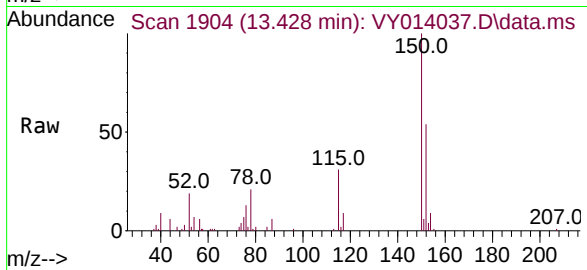
Acq: 06 Jun 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

SB30ARE



Tgt Ion:152 Resp: 5524

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 158.6 0.0 348.8

