

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013252.D
 Acq On : 11 Apr 2023 18:57
 Operator : KP/MD
 Sample : 02270-02
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-7-9-20230410

Quant Time: Apr 12 01:37:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

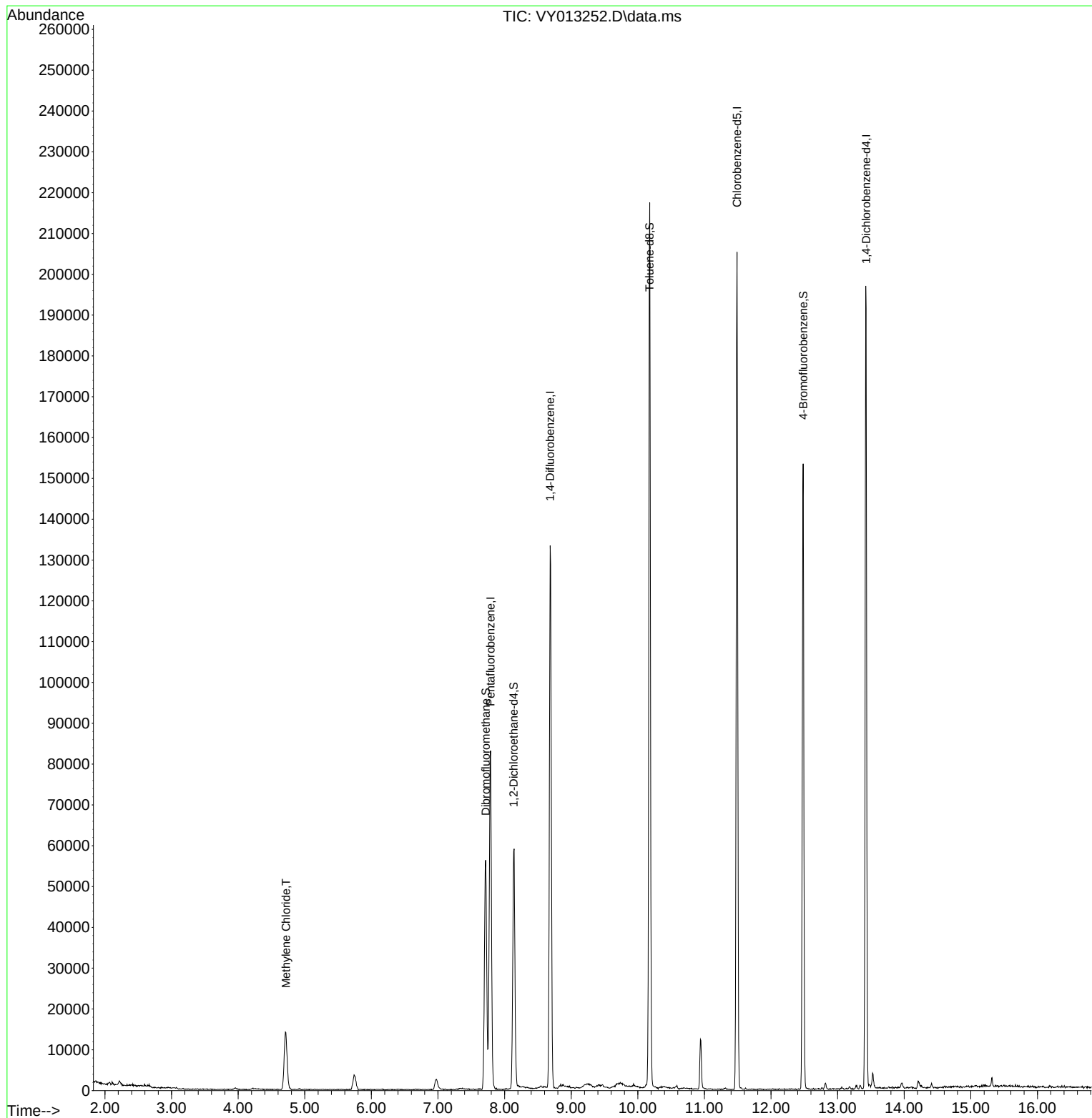
Internal Standards						
1) Pentafluorobenzene	7.789	168	63367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	109018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	105058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	49229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	45755	64.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.420%	
35) Dibromofluoromethane	7.716	113	38689	59.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.740%	
50) Toluene-d8	10.179	98	135290	59.298	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.600%	
62) 4-Bromofluorobenzene	12.483	95	44105	54.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.260%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	9803	6.490	ug/l	97

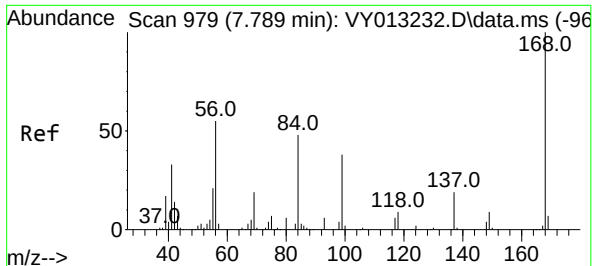
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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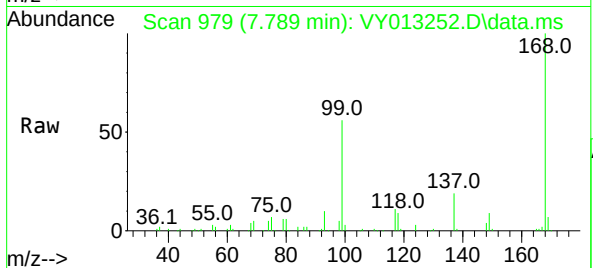
Quant Time: Apr 12 01:37:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
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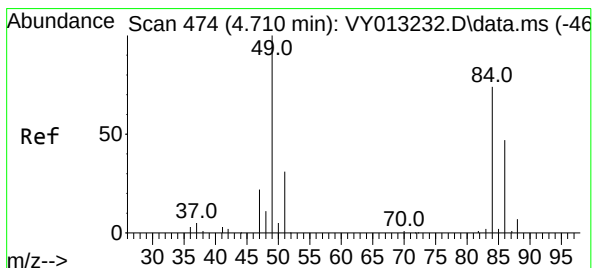
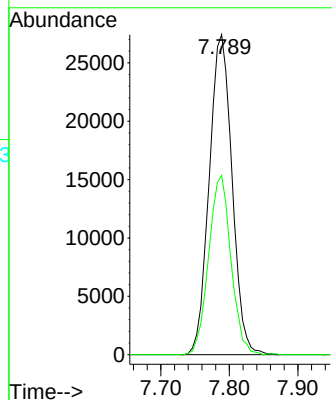
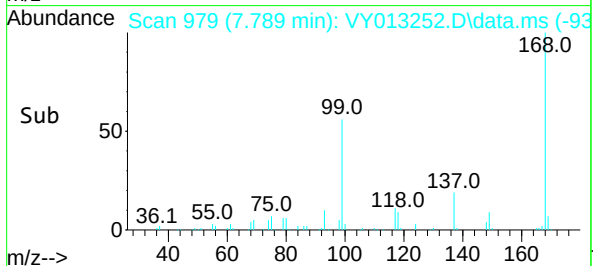


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-7-9-20230410

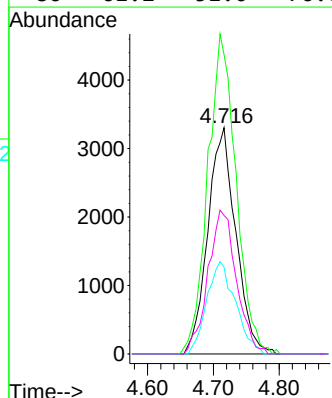
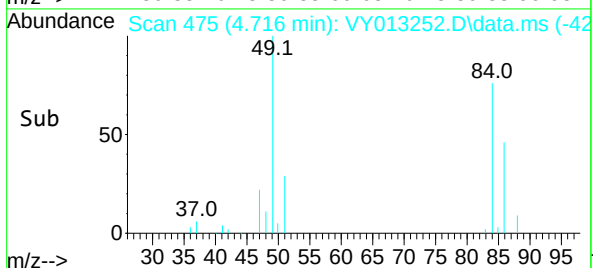
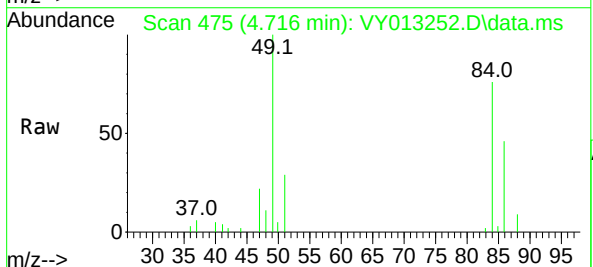


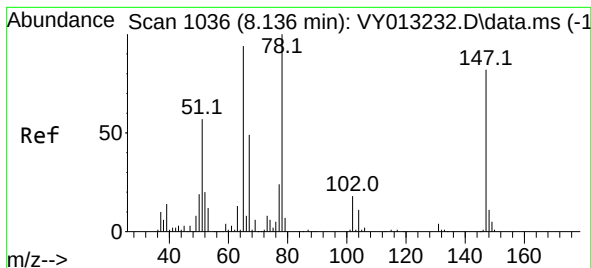
Tgt Ion:168 Resp: 63367
Ion Ratio Lower Upper
168 100
99 56.1 41.7 62.5



#20
Methylene Chloride
Concen: 6.490 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Tgt Ion: 84 Resp: 9803
Ion Ratio Lower Upper
84 100
49 132.3 102.6 154.0
51 38.3 31.9 47.9
86 61.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 64.210 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013252.D

Acq: 11 Apr 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

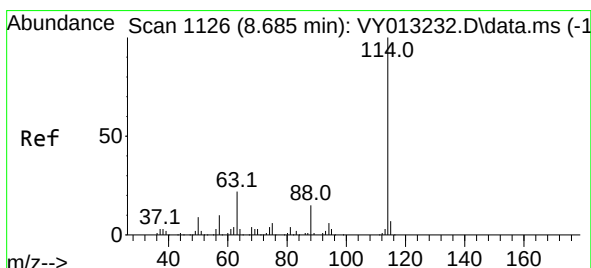
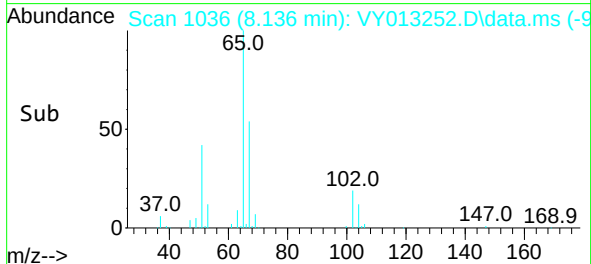
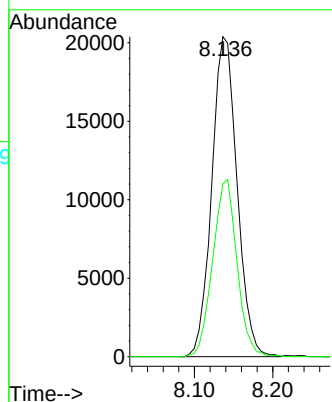
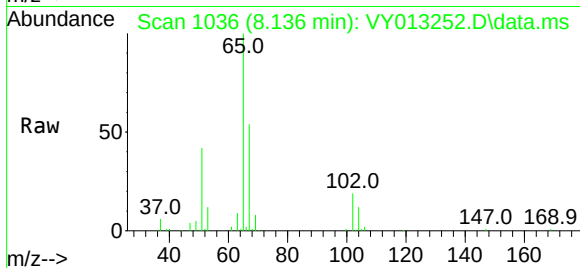
SB-17-7-9-20230410

Tgt Ion: 65 Resp: 45755

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013252.D

Acq: 11 Apr 2023 18:57

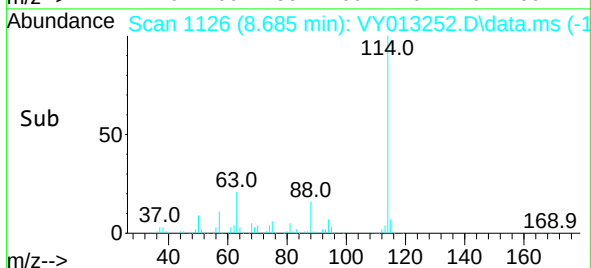
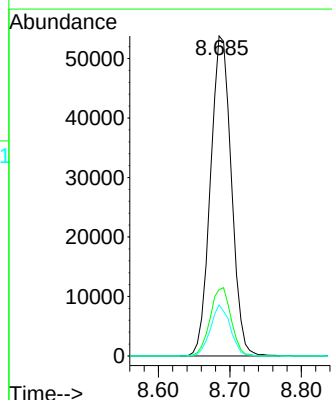
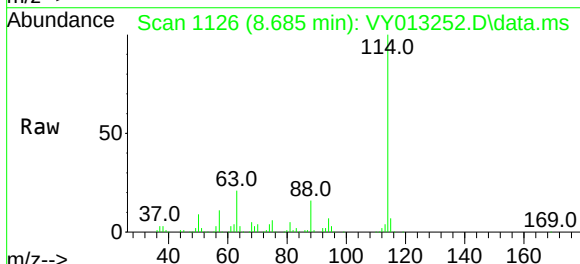
Tgt Ion: 114 Resp: 109018

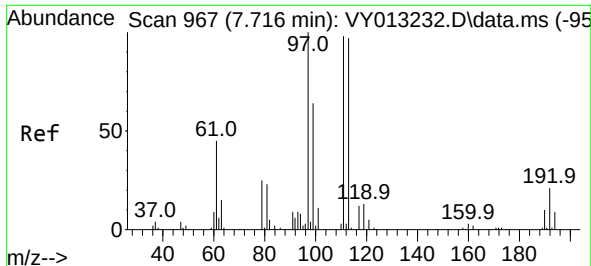
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 16.0 0.0 28.6

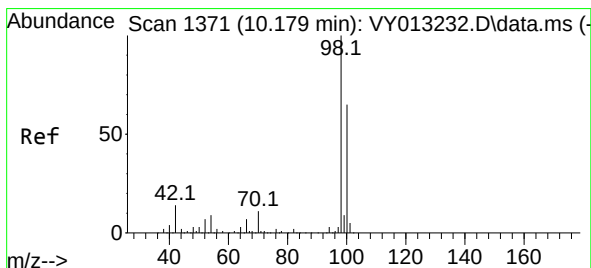
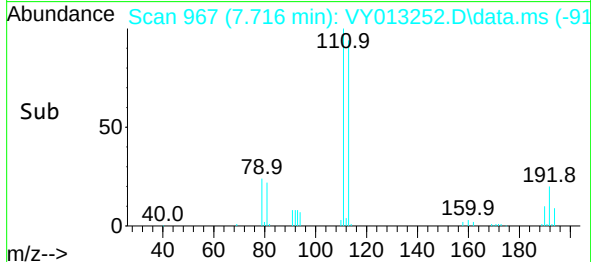
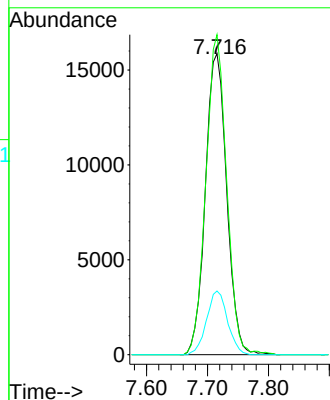
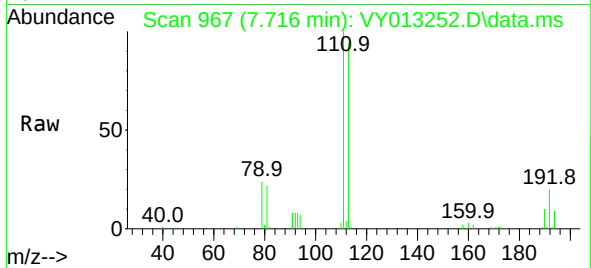




#35
Dibromofluoromethane
Concen: 59.370 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

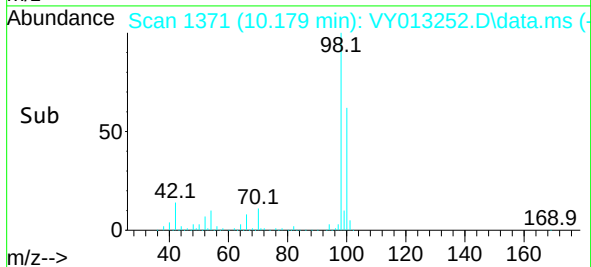
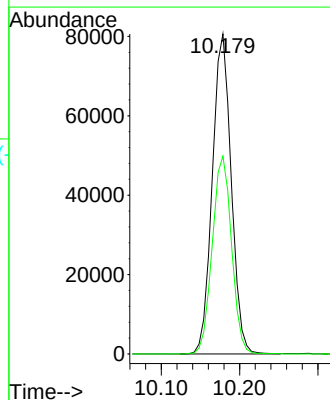
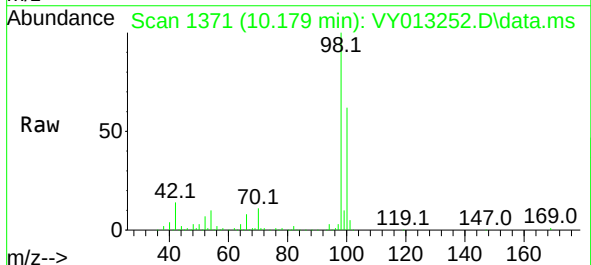
Instrument :
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ClientSampleId :
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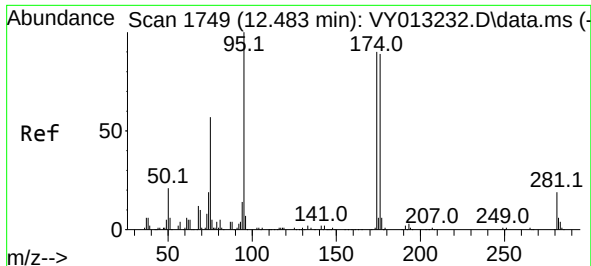
Tgt Ion:113 Resp: 38689
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.7 16.8 25.2



#50
Toluene-d8
Concen: 59.298 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Tgt Ion: 98 Resp: 135290
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

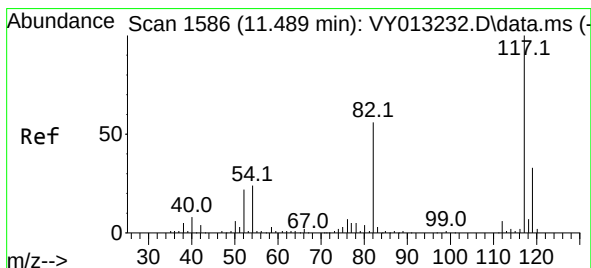
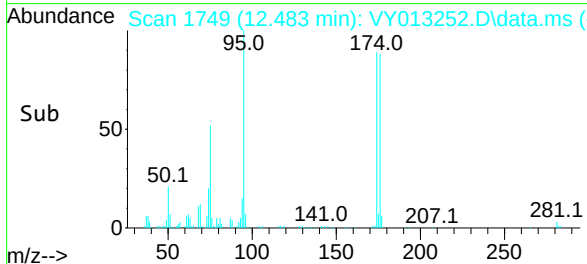
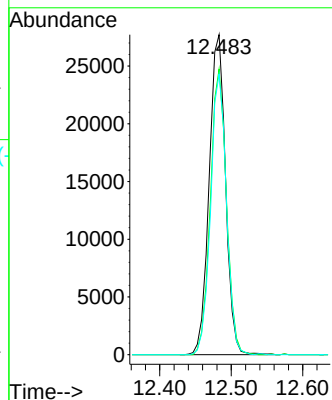
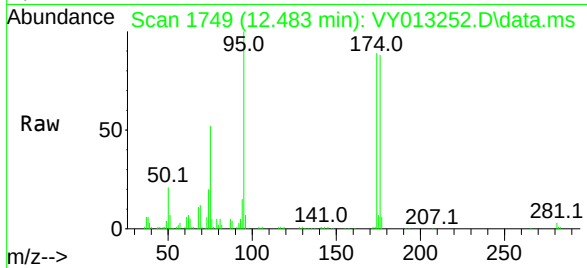




#62
4-Bromofluorobenzene
Concen: 54.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

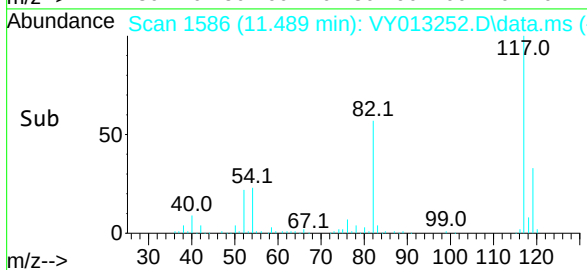
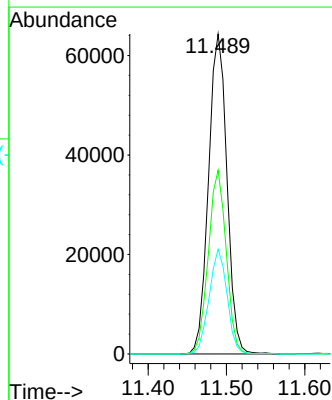
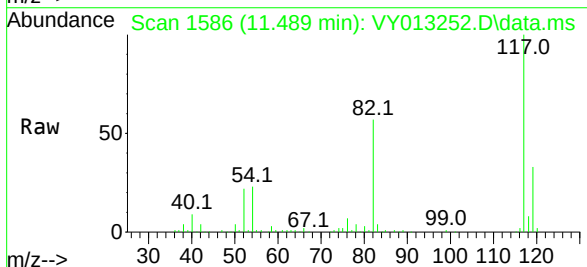
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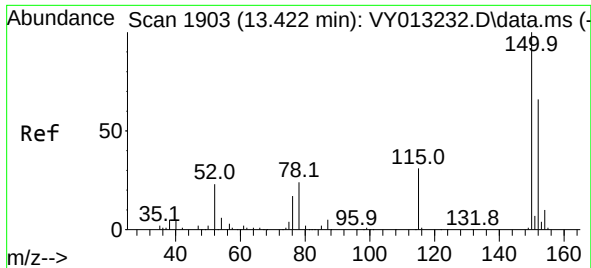
Tgt Ion: 95 Resp: 44105
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 84.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013252.D
Acq: 11 Apr 2023 18:57

Tgt Ion: 117 Resp: 105058
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.0
119 32.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013252.D

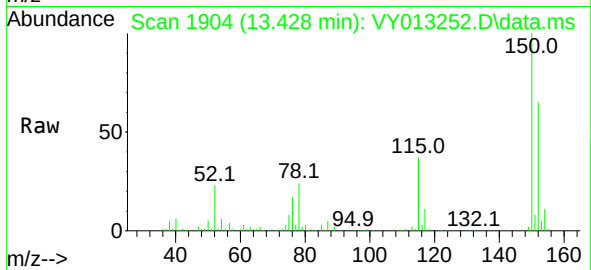
Acq: 11 Apr 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-7-9-20230410



Tgt Ion:152 Resp: 49229

Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 155.1 0.0 347.8

