

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018079.D
 Acq On : 29 Apr 2024 19:29
 Operator : SY/MD
 Sample : P2294-05
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FOOT-PRINT-B-2

Quant Time: Apr 30 01:03:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

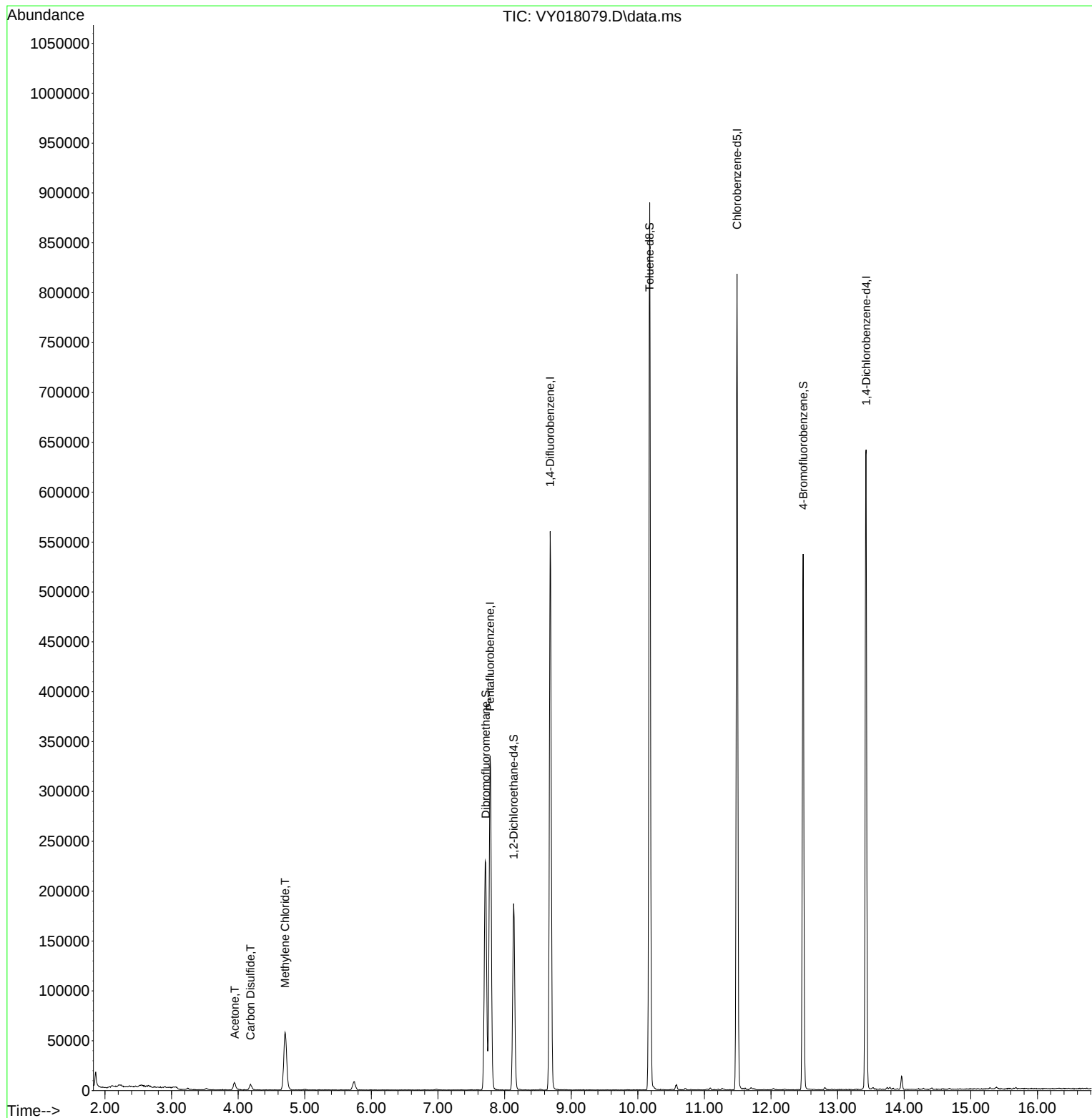
Internal Standards						
1) Pentafluorobenzene	7.783	168	290266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	526742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	485410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137414	54.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.420%	
35) Dibromofluoromethane	7.716	113	171540	52.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.580%	
50) Toluene-d8	10.179	98	606007	49.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.300%	
62) 4-Bromofluorobenzene	12.483	95	163566	42.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.660%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	12326	24.835	ug/l	91
17) Carbon Disulfide	4.186	76	11377	1.221	ug/l #	86
20) Methylene Chloride	4.704	84	50283	14.954	ug/l	93

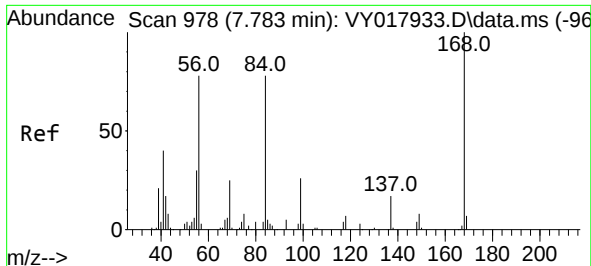
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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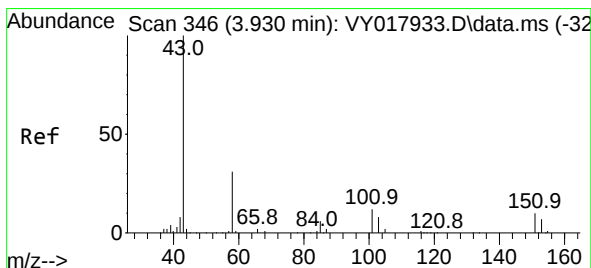
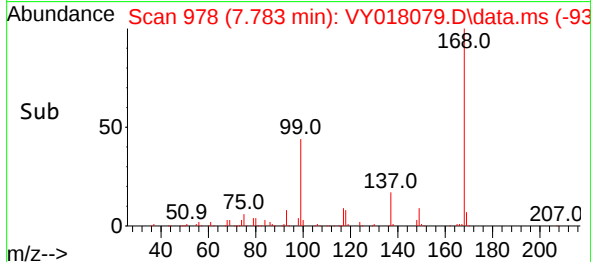
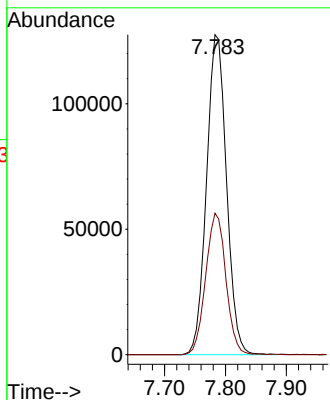
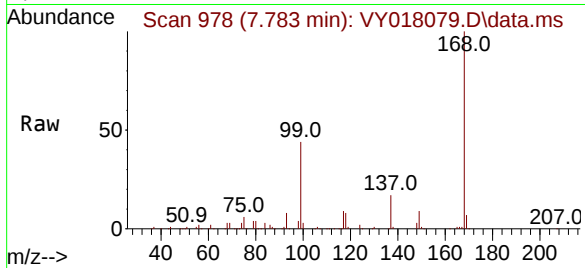




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018079.D
Acq: 29 Apr 2024 19:29

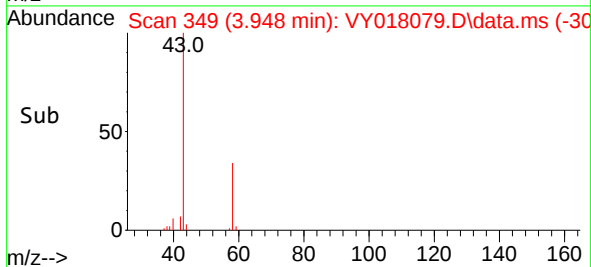
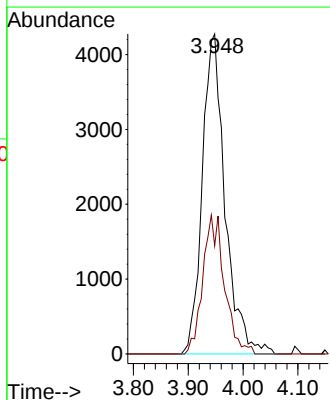
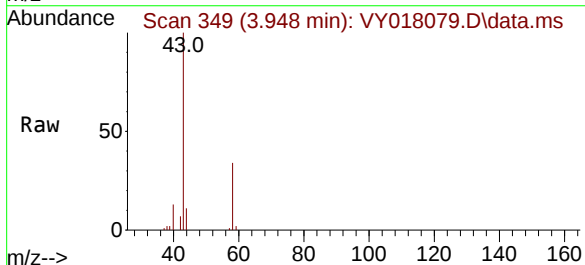
Instrument :
MSVOA_Y
ClientSampleId :
FOOT-PRINT-B-2

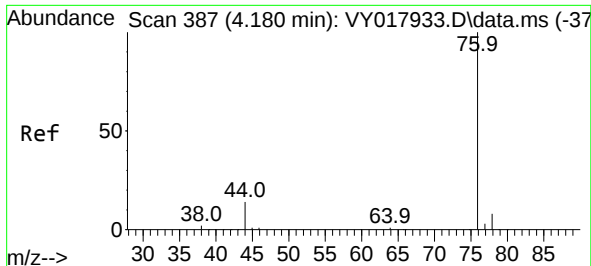
Tgt Ion:168 Resp: 290266
Ion Ratio Lower Upper
168 100
99 44.2 39.1 58.7



#16
Acetone
Concen: 24.835 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018079.D
Acq: 29 Apr 2024 19:29

Tgt Ion: 43 Resp: 12326
Ion Ratio Lower Upper
43 100
58 33.9 31.7 47.5





#17

Carbon Disulfide

Concen: 1.221 ug/l

RT: 4.186 min Scan# 387

Delta R.T. -0.006 min

Lab File: VY018079.D

Acq: 29 Apr 2024 19:29

Instrument :

MSVOA_Y

ClientSampleId :

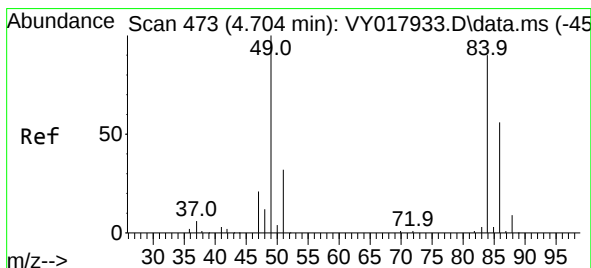
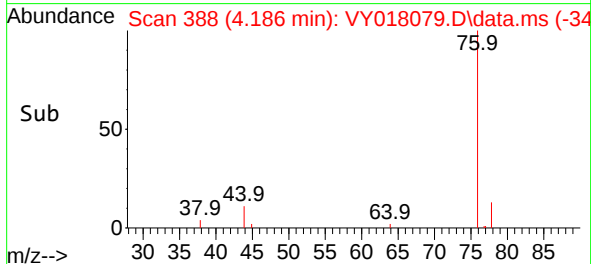
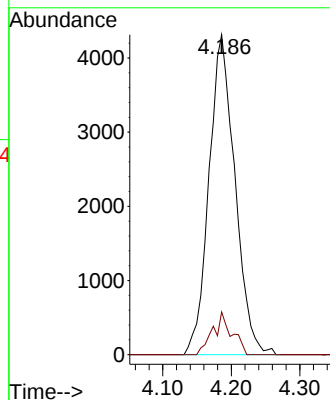
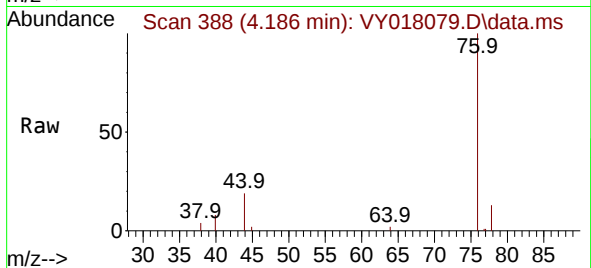
FOOT-PRINT-B-2

Tgt Ion: 76 Resp: 11377

Ion Ratio Lower Upper

76 100

78 13.4 6.8 10.2#



#20

Methylene Chloride

Concen: 14.954 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY018079.D

Acq: 29 Apr 2024 19:29

Tgt Ion: 84 Resp: 50283

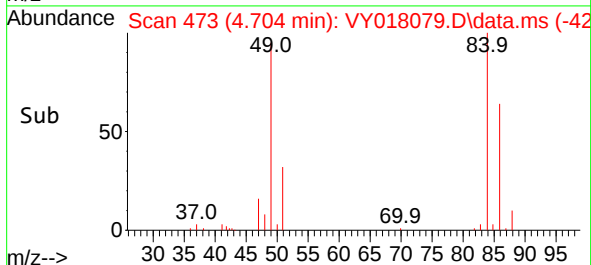
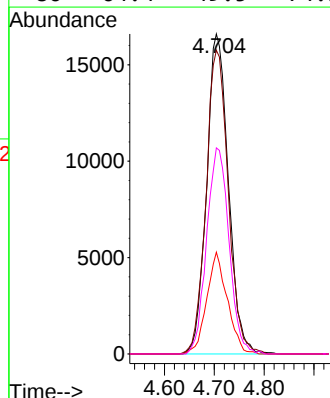
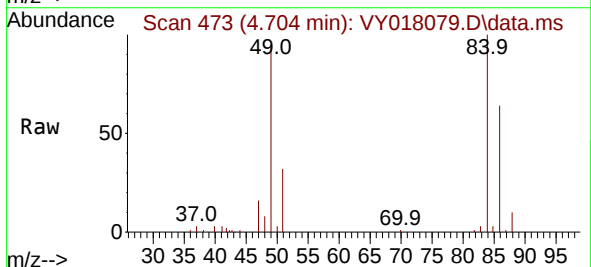
Ion Ratio Lower Upper

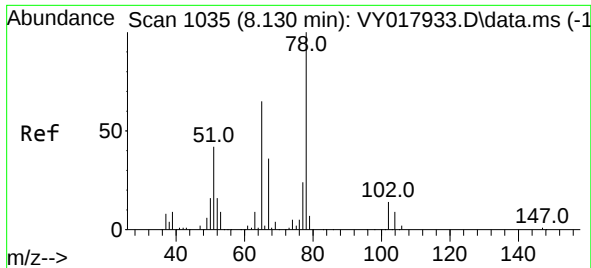
84 100

49 94.9 84.4 126.6

51 31.8 26.0 39.0

86 64.4 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 54.706 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018079.D

Acq: 29 Apr 2024 19:29

Instrument :

MSVOA_Y

ClientSampleId :

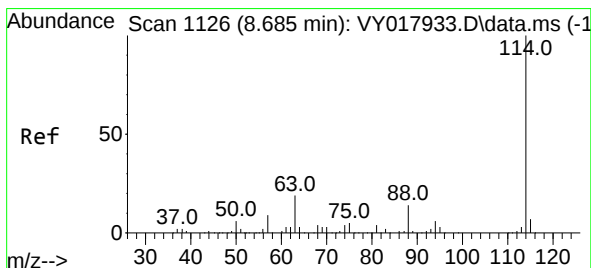
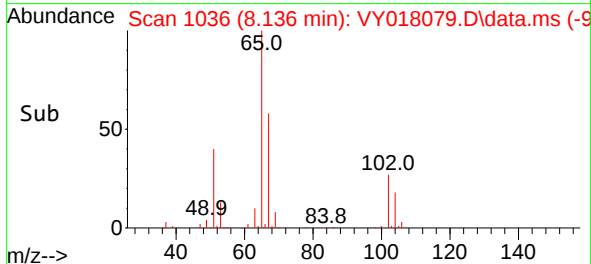
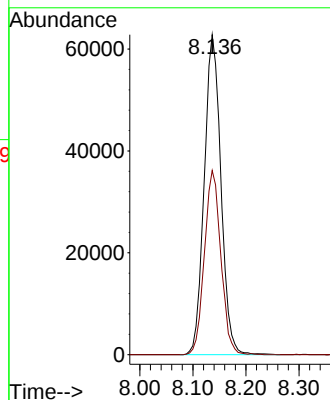
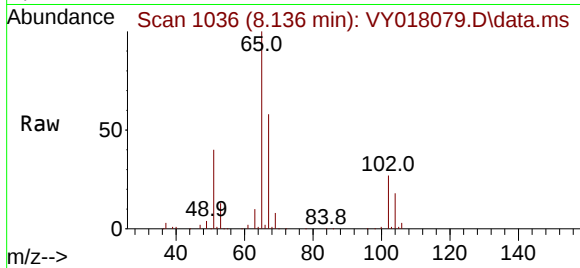
FOOT-PRINT-B-2

Tgt Ion: 65 Resp: 137414

Ion Ratio Lower Upper

65 100

67 56.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018079.D

Acq: 29 Apr 2024 19:29

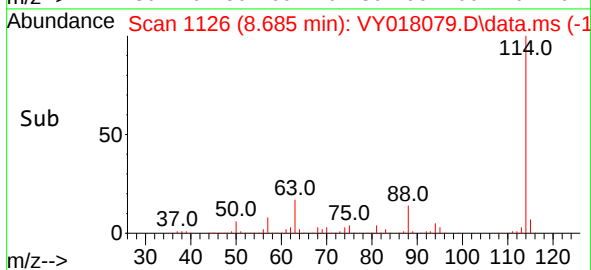
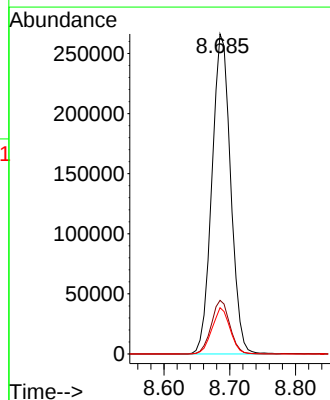
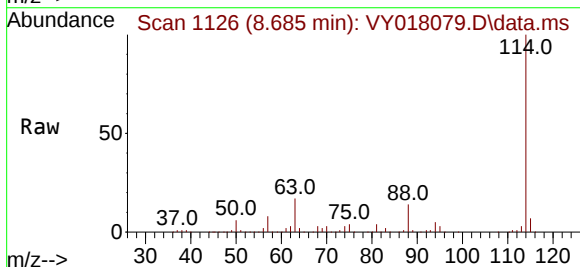
Tgt Ion: 114 Resp: 526742

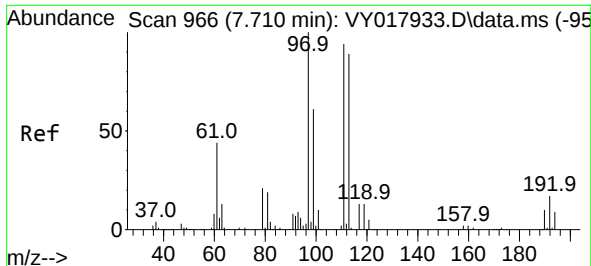
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.5 0.0 27.2

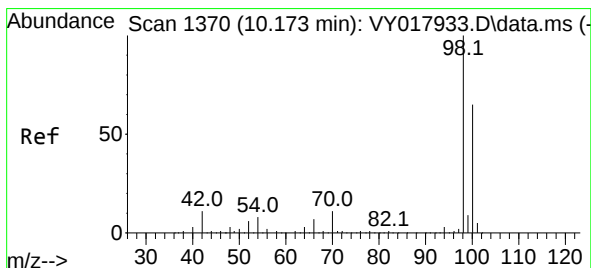
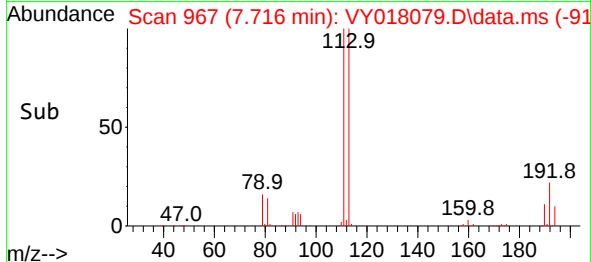
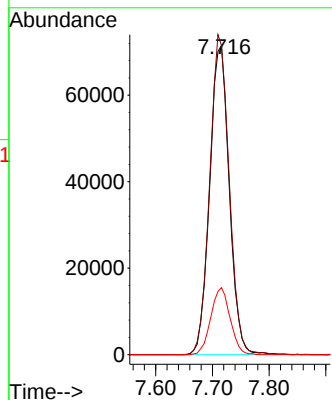
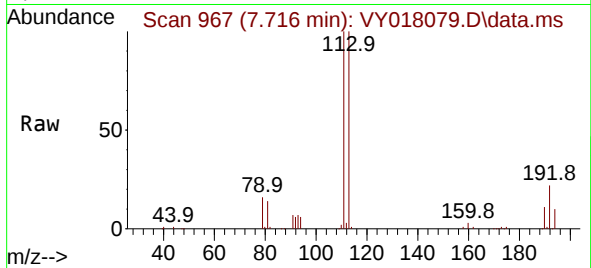




#35
Dibromofluoromethane
Concen: 52.787 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018079.D
Acq: 29 Apr 2024 19:29

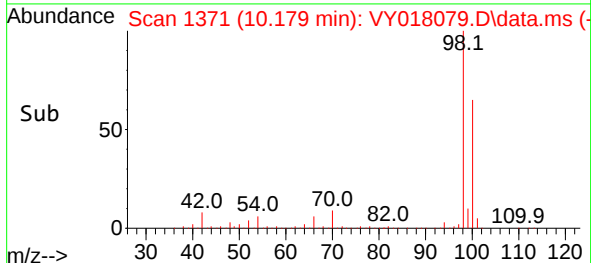
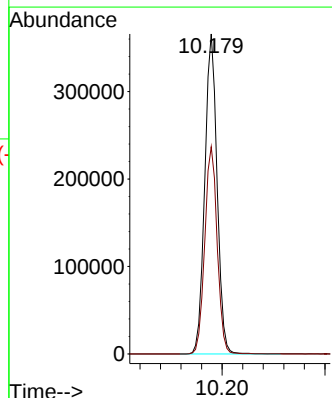
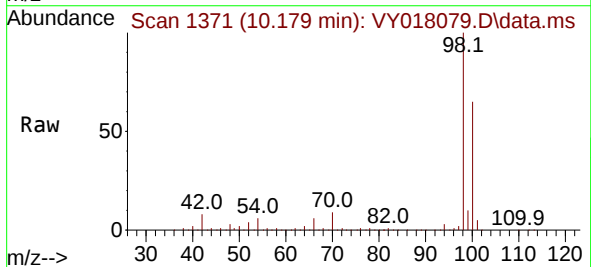
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FOOT-PRINT-B-2

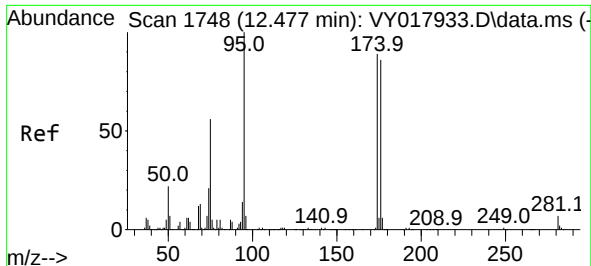
Tgt Ion:113 Resp: 171540
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 21.3 15.9 23.9



#50
Toluene-d8
Concen: 49.145 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018079.D
Acq: 29 Apr 2024 19:29

Tgt Ion: 98 Resp: 606007
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

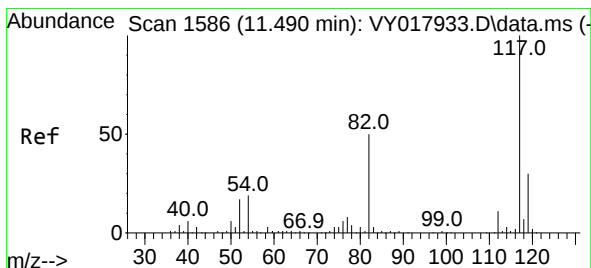
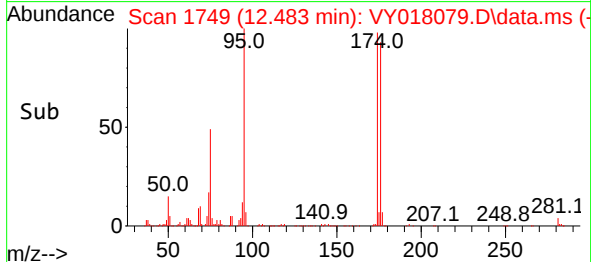
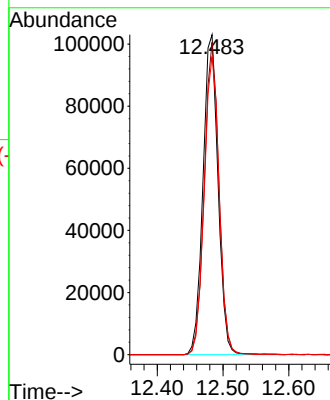
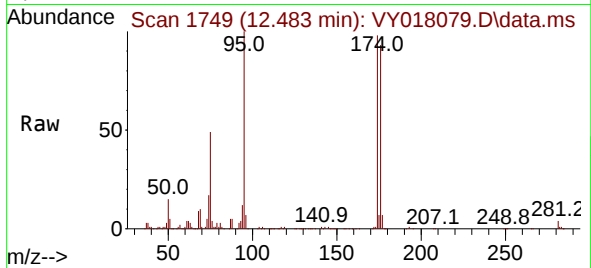




#62
4-Bromofluorobenzene
Concen: 42.830 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018079.D
Acq: 29 Apr 2024 19:29

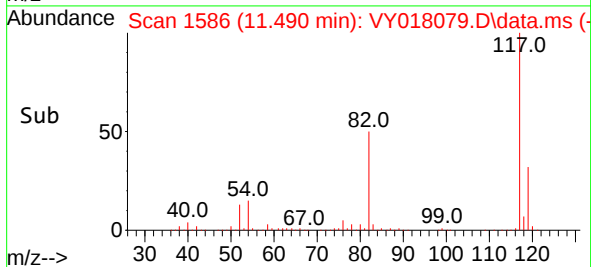
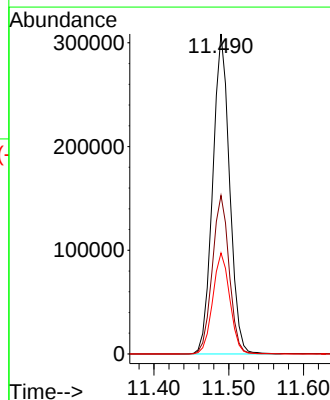
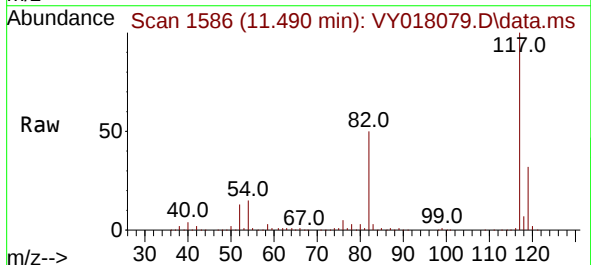
Instrument :
MSVOA_Y
ClientSampleId :
FOOT-PRINT-B-2

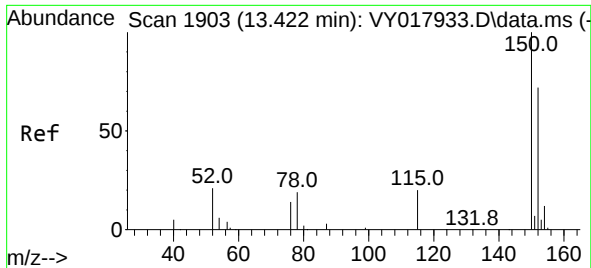
Tgt Ion: 95 Resp: 163566
Ion Ratio Lower Upper
95 100
174 95.6 0.0 175.6
176 92.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018079.D
Acq: 29 Apr 2024 19:29

Tgt Ion: 117 Resp: 485410
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018079.D

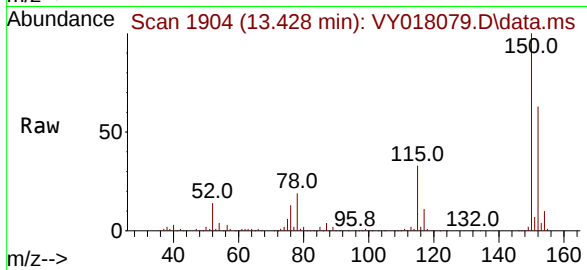
Acq: 29 Apr 2024 19:29

Instrument :

MSVOA_Y

ClientSampleId :

FOOT-PRINT-B-2



Tgt Ion:152 Resp: 186182

Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 157.4 0.0 345.6

