

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018080.D
 Acq On : 29 Apr 2024 19:53
 Operator : SY/MD
 Sample : P2294-06
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FOOT-PRINT-B-3

Quant Time: Apr 30 01:04:18 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)

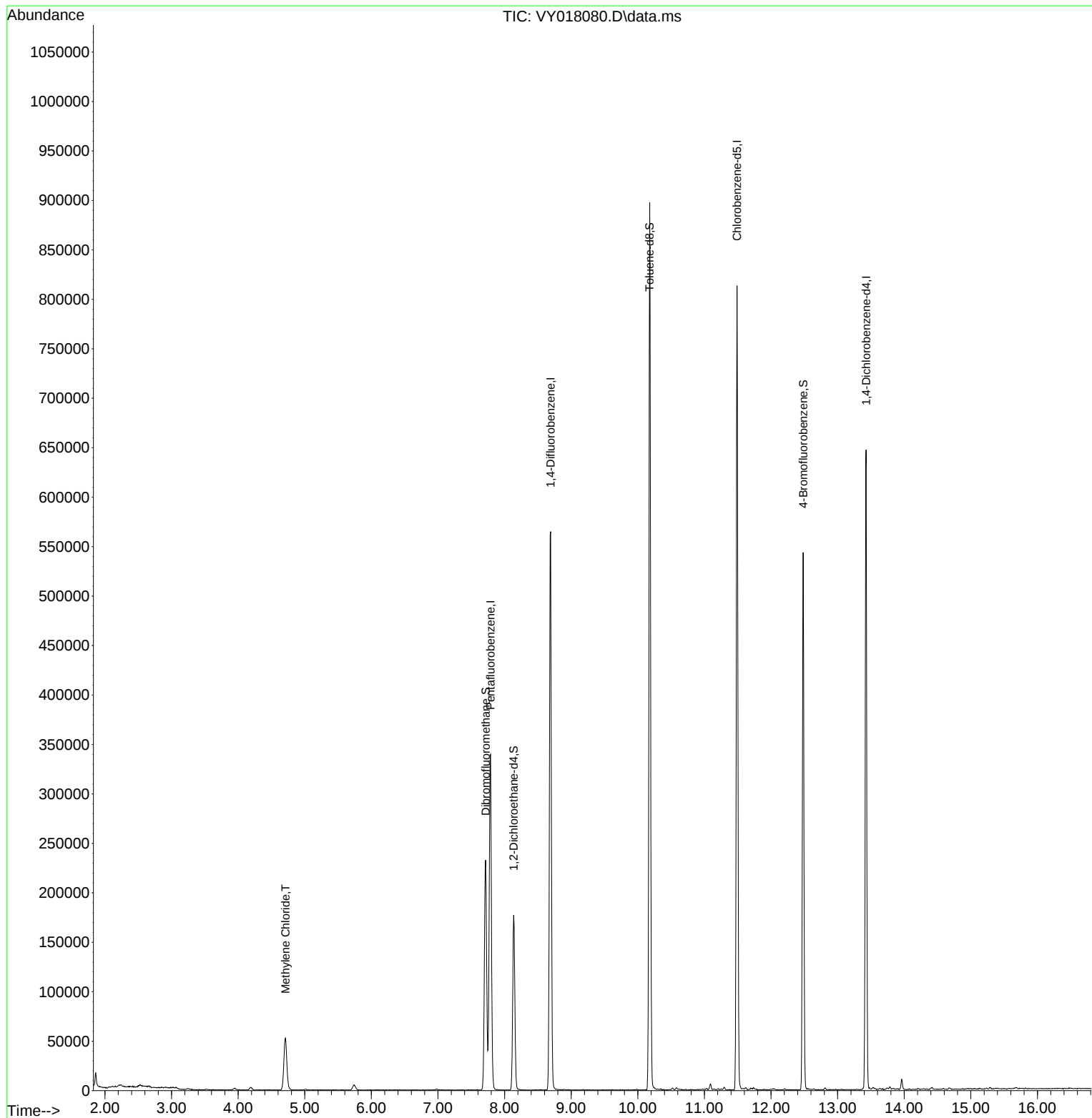
Internal Standards						
1) Pentafluorobenzene	7.789	168	296832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	538631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	488476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129939	50.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.180%	
35) Dibromofluoromethane	7.715	113	172875	52.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.040%	
50) Toluene-d8	10.178	98	617777	48.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	12.483	95	164250	42.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.120%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	45911	13.352	ug/l	91

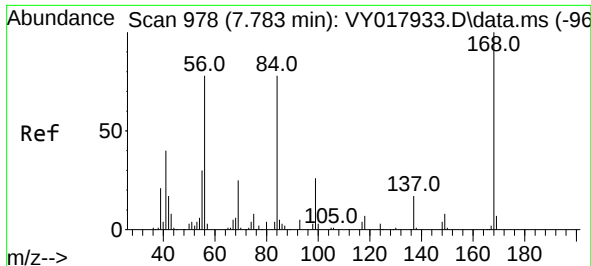
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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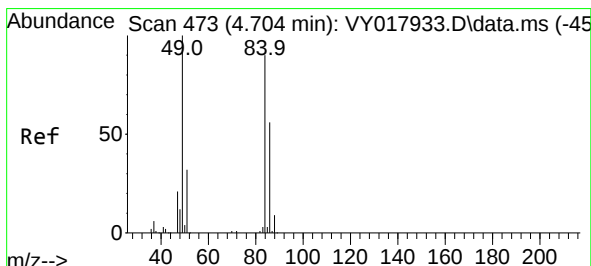
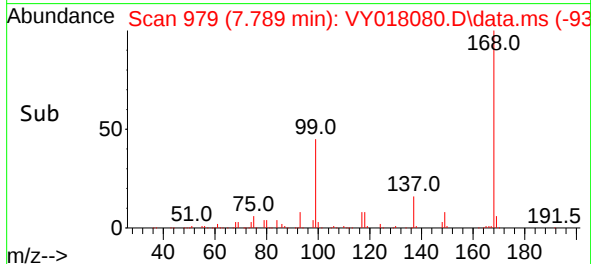
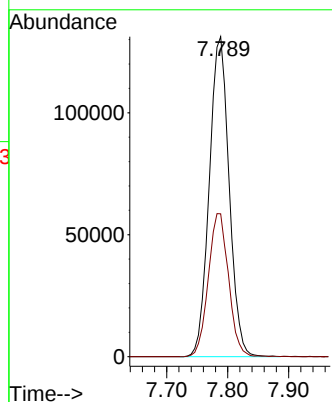
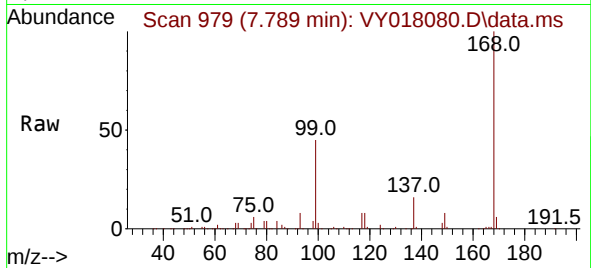




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

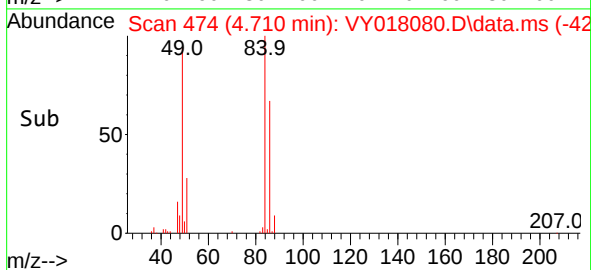
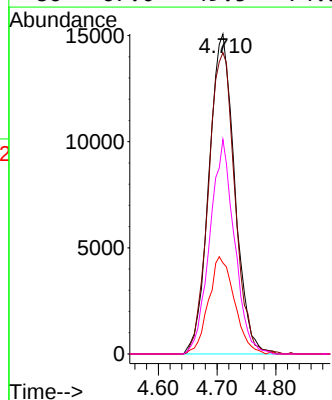
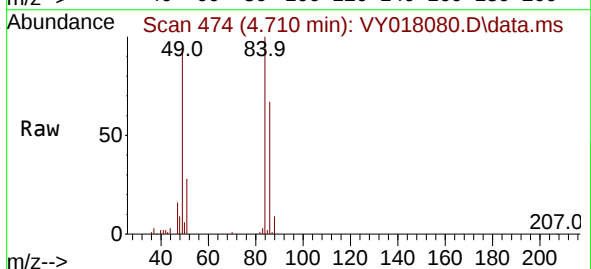
Instrument :
MSVOA_Y
ClientSampleId :
FOOT-PRINT-B-3

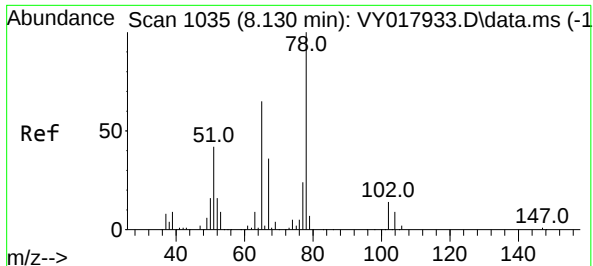
Tgt Ion:168 Resp: 296832
Ion Ratio Lower Upper
168 100
99 44.6 39.1 58.7



#20
Methylene Chloride
Concen: 13.352 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

Tgt Ion: 84 Resp: 45911
Ion Ratio Lower Upper
84 100
49 94.1 84.4 126.6
51 28.4 26.0 39.0
86 67.0 49.5 74.3

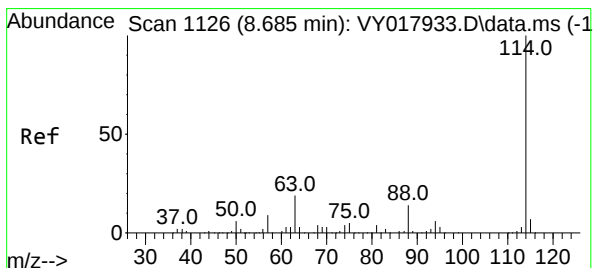
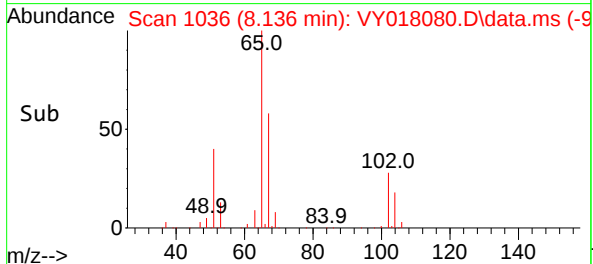
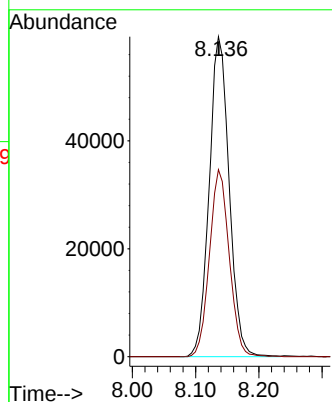
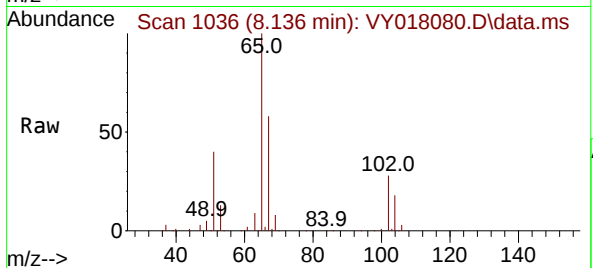




#33
1,2-Dichloroethane-d4
Concen: 50.586 ug/l
RT: 8.136 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

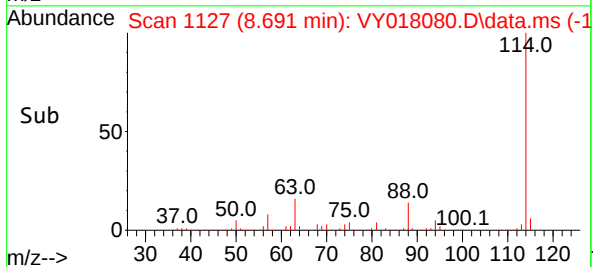
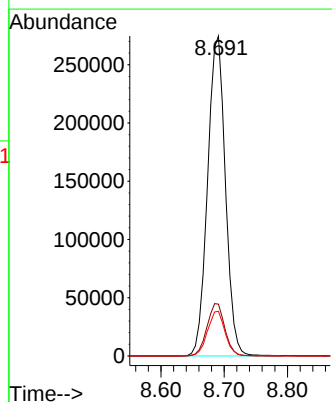
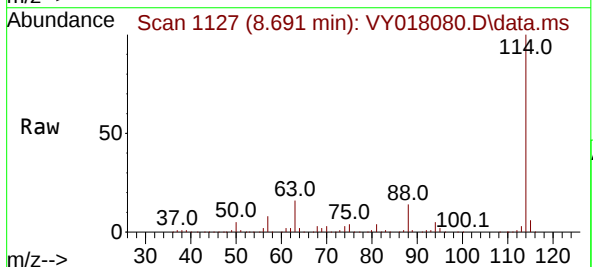
Instrument :
MSVOA_Y
ClientSampleId :
FOOT-PRINT-B-3

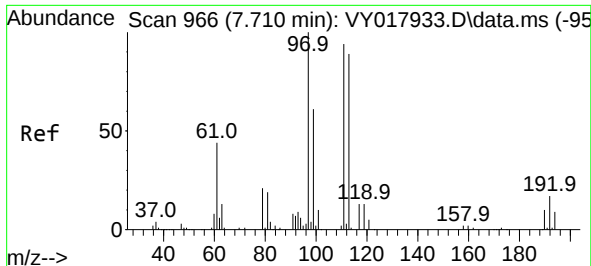
Tgt Ion: 65 Resp: 129939
Ion Ratio Lower Upper
65 100
67 57.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

Tgt Ion: 114 Resp: 538631
Ion Ratio Lower Upper
114 100
63 16.2 0.0 35.0
88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.023 ug/l

RT: 7.715 min Scan# 90

Delta R.T. -0.006 min

Lab File: VY018080.D

Acq: 29 Apr 2024 19:53

Instrument :

MSVOA_Y

ClientSampleId :

FOOT-PRINT-B-3

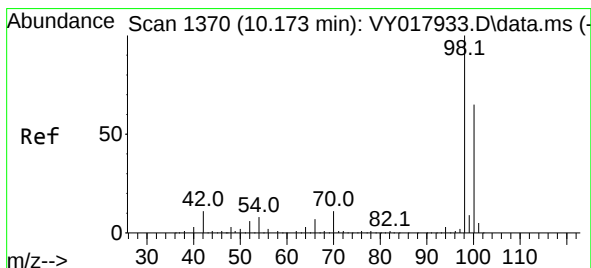
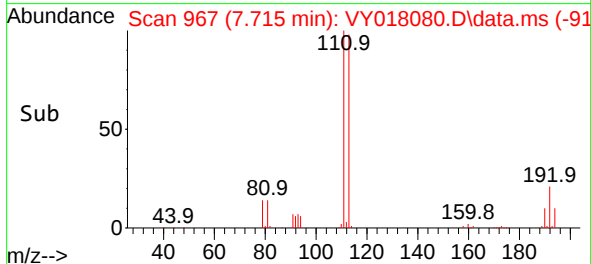
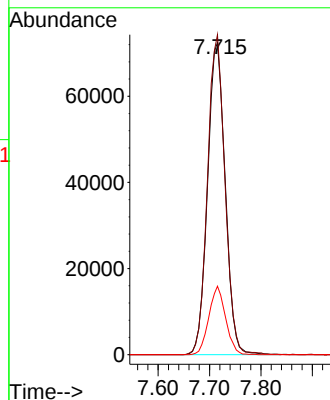
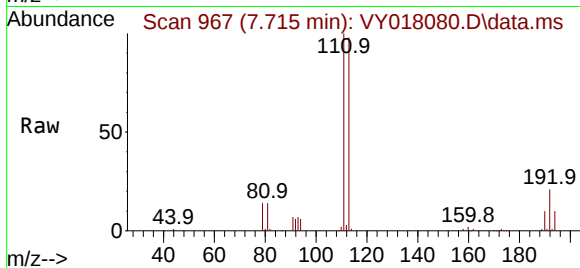
Tgt Ion:113 Resp: 172875

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 20.9 15.9 23.9



#50

Toluene-d8

Concen: 48.994 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018080.D

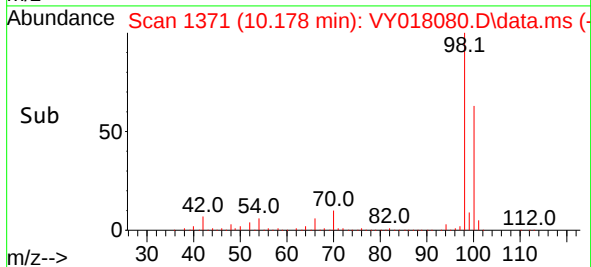
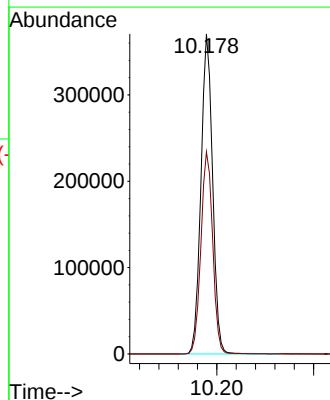
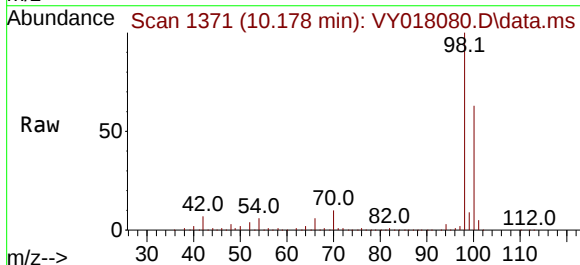
Acq: 29 Apr 2024 19:53

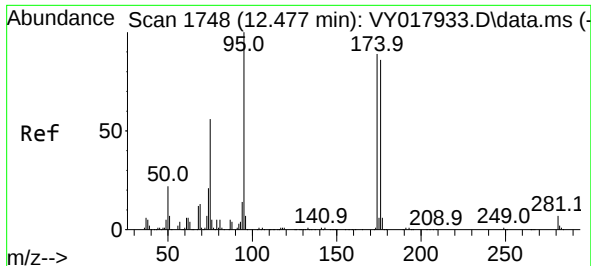
Tgt Ion: 98 Resp: 617777

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

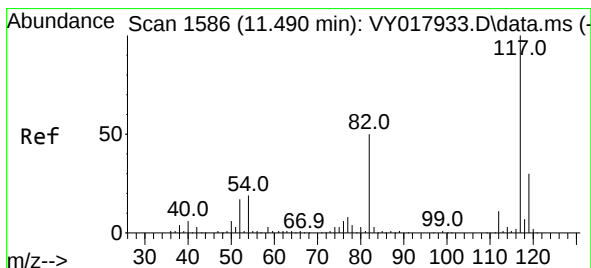
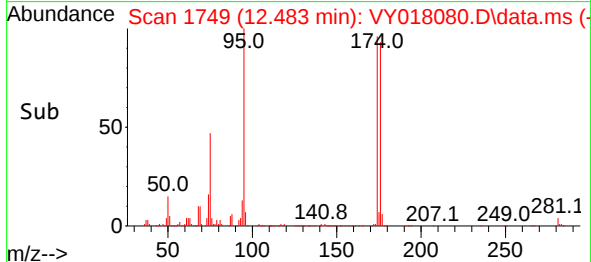
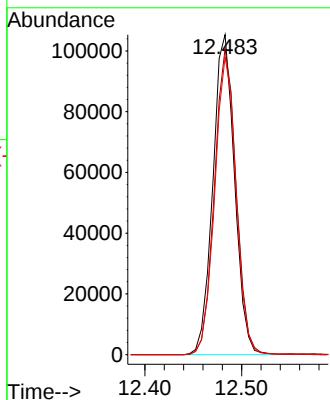
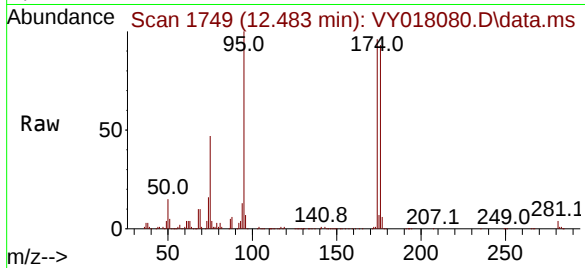




#62
4-Bromofluorobenzene
Concen: 42.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

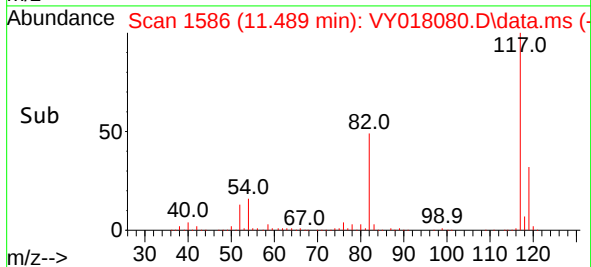
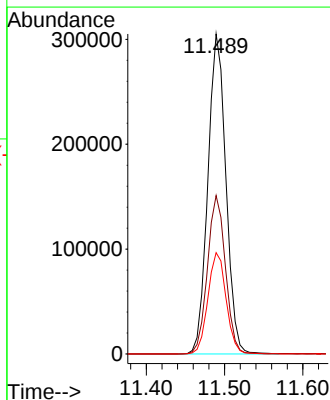
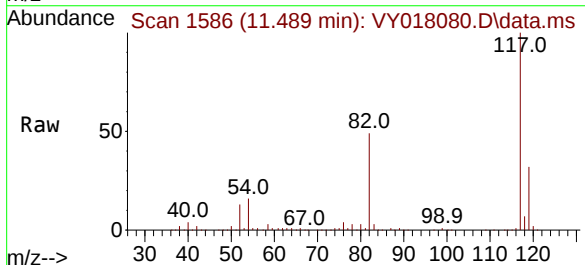
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FOOT-PRINT-B-3

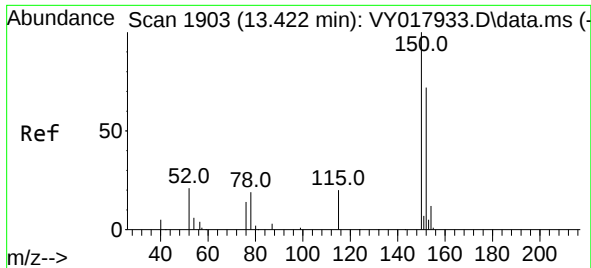
Tgt Ion: 95 Resp: 164250
Ion Ratio Lower Upper
95 100
174 95.4 0.0 175.6
176 92.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

Tgt Ion: 117 Resp: 488476
Ion Ratio Lower Upper
117 100
82 49.5 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: VY018080.D

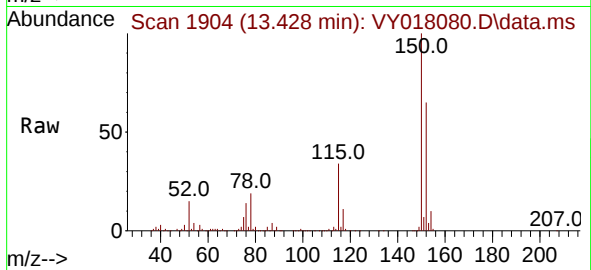
Acq: 29 Apr 2024 19:53

Instrument :

MSVOA_Y

ClientSampleId :

FOOT-PRINT-B-3



Tgt Ion:152 Resp: 185192

Ion Ratio Lower Upper

152 100

115 52.7 28.2 84.7

150 153.6 0.0 345.6

