

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017971.D
 Acq On : 18 Apr 2024 13:16
 Operator : SY/MD
 Sample : P2147-06
 Misc : 6.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-2

Quant Time: Apr 19 02:00:32 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)

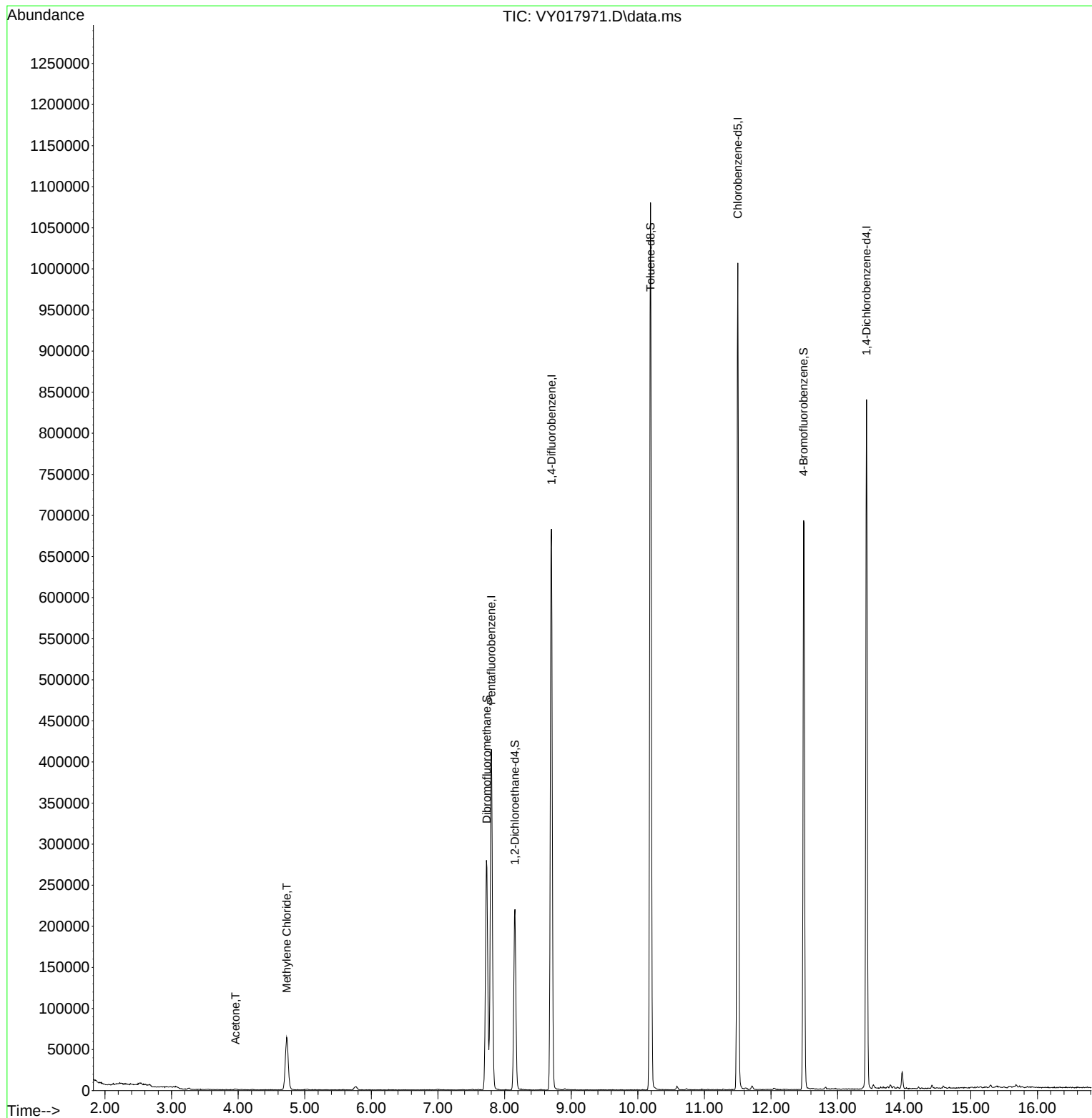
Internal Standards						
1) Pentafluorobenzene	7.801	168	354484	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	636775	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.501	117	582872	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	231597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	166044	54.128	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.260%	
35) Dibromofluoromethane	7.734	113	204253	51.992	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.980%	
50) Toluene-d8	10.191	98	734766	49.291	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.580%	
62) 4-Bromofluorobenzene	12.489	95	214336	46.427	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.860%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	1617	2.668	ug/l	88
20) Methylene Chloride	4.728	84	53311	12.982	ug/l	99

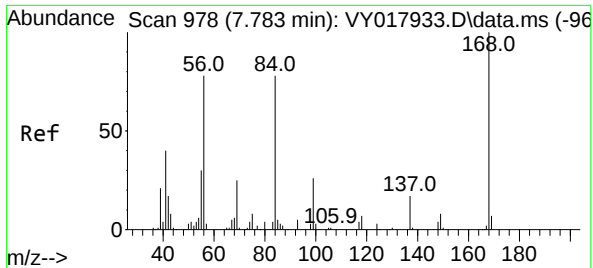
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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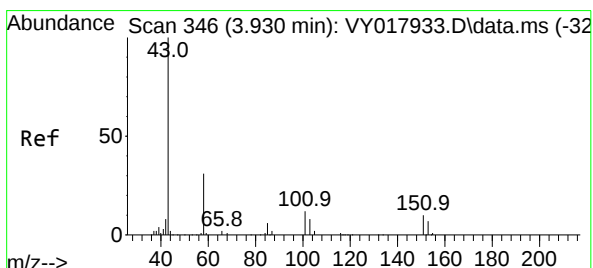
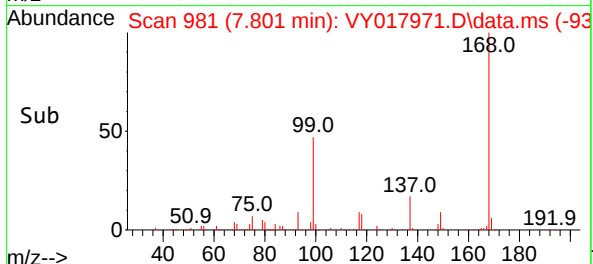
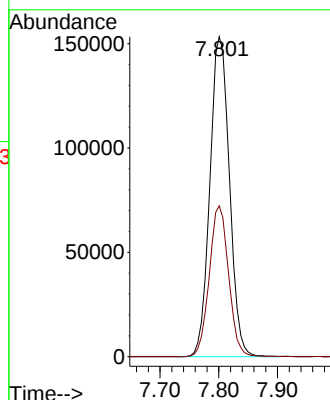
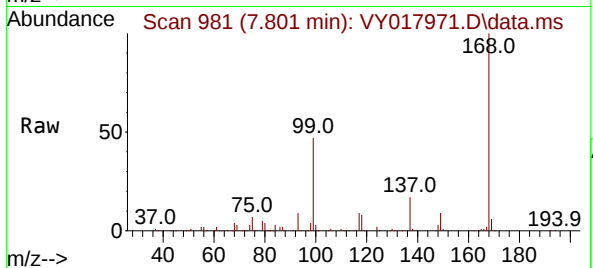




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017971.D
Acq: 18 Apr 2024 13:16

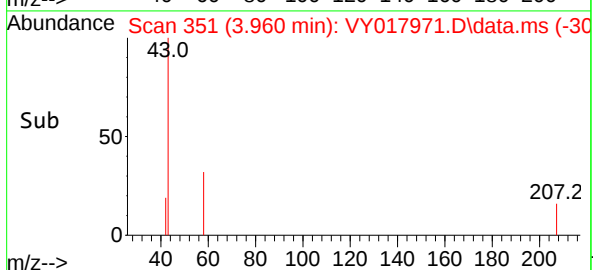
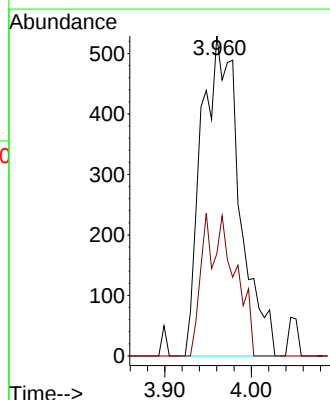
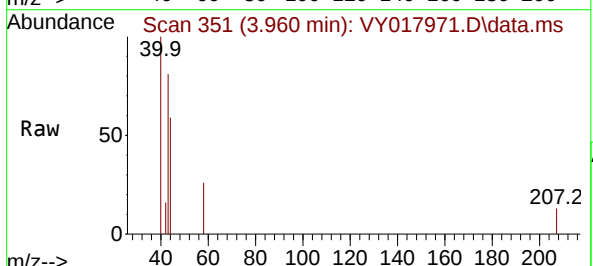
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-2

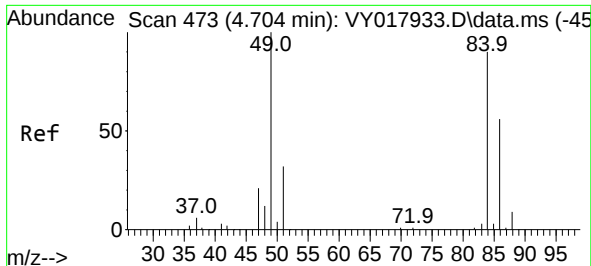
Tgt Ion:168 Resp: 354484
Ion Ratio Lower Upper
168 100
99 47.2 39.1 58.7



#16
Acetone
Concen: 2.668 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY017971.D
Acq: 18 Apr 2024 13:16

Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
58 31.9 31.7 47.5





#20

Methylene Chloride

Concen: 12.982 ug/l

RT: 4.728 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY017971.D

Acq: 18 Apr 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-2

Tgt Ion: 84 Resp: 53311

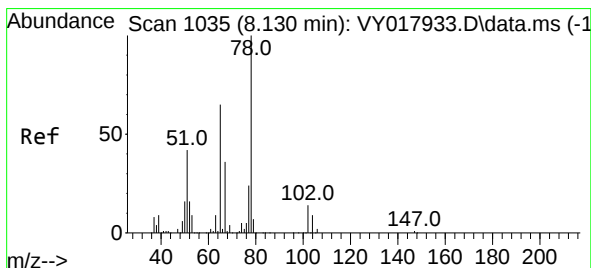
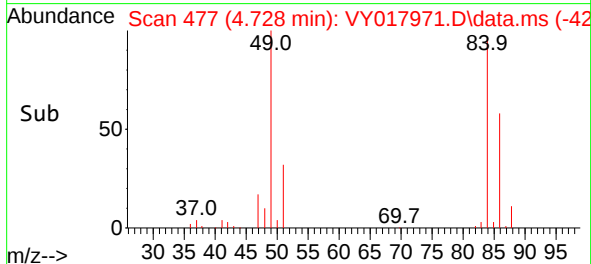
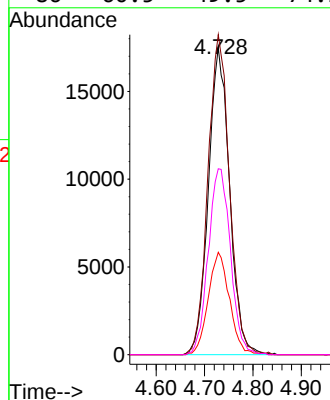
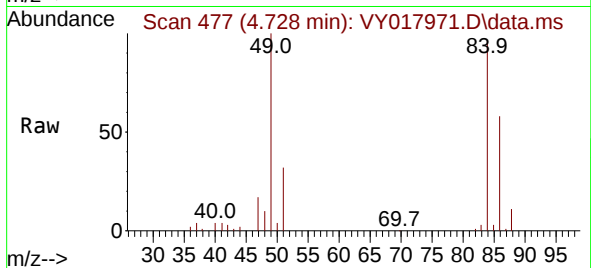
Ion Ratio Lower Upper

84 100

49 104.2 84.4 126.6

51 33.3 26.0 39.0

86 60.5 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 54.128 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.012 min

Lab File: VY017971.D

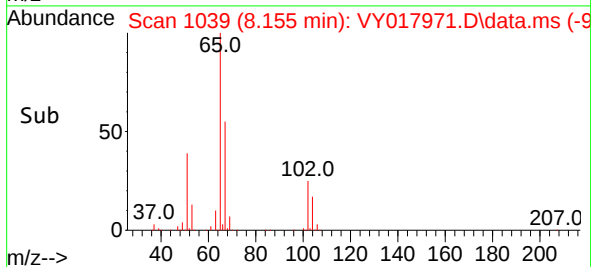
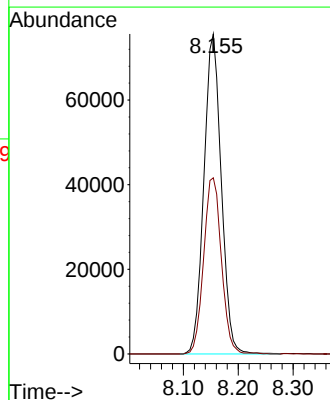
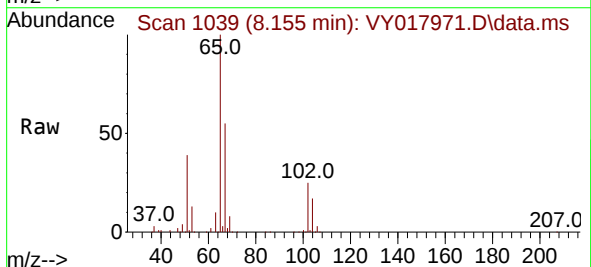
Acq: 18 Apr 2024 13:16

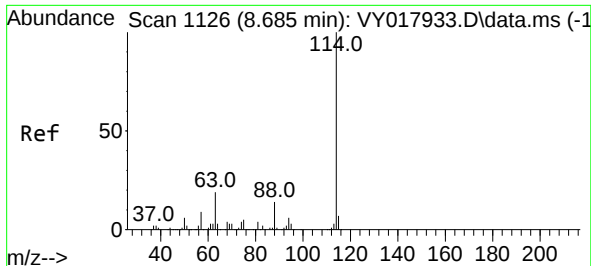
Tgt Ion: 65 Resp: 166044

Ion Ratio Lower Upper

65 100

67 56.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY017971.D

Acq: 18 Apr 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-2

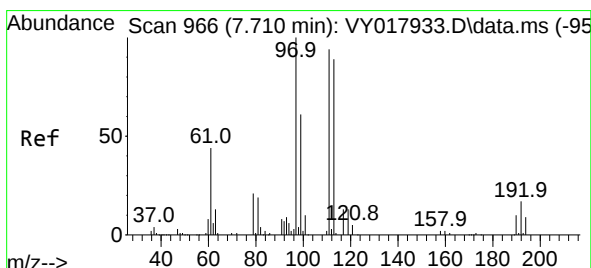
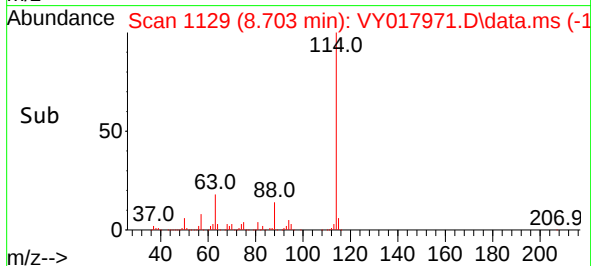
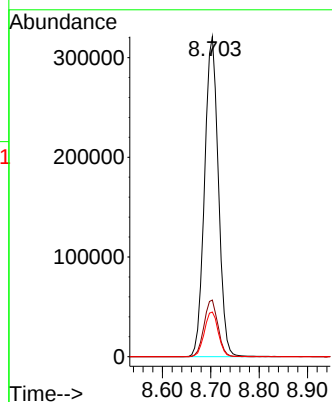
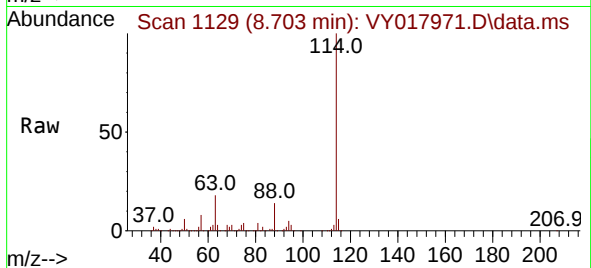
Tgt Ion:114 Resp: 636775

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.992 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.012 min

Lab File: VY017971.D

Acq: 18 Apr 2024 13:16

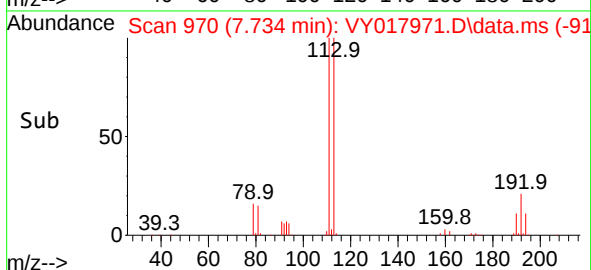
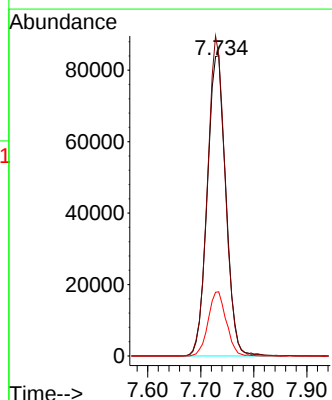
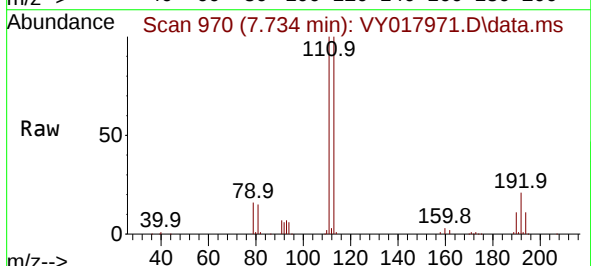
Tgt Ion:113 Resp: 204253

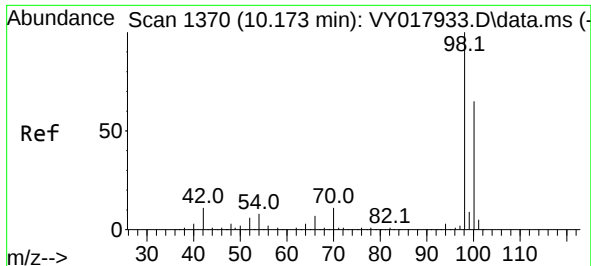
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 20.8 15.9 23.9

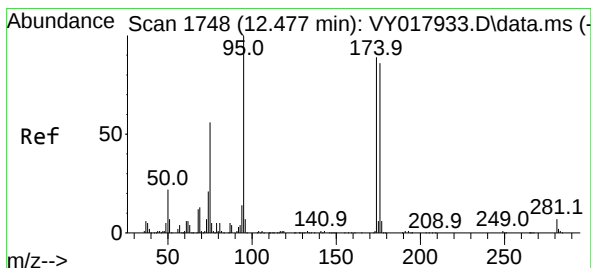
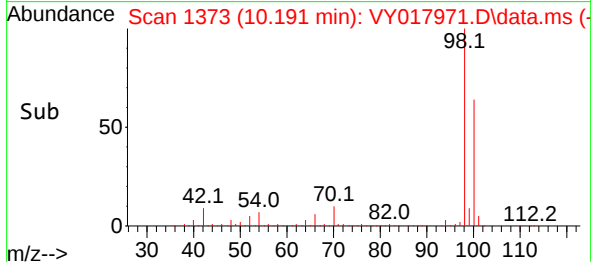
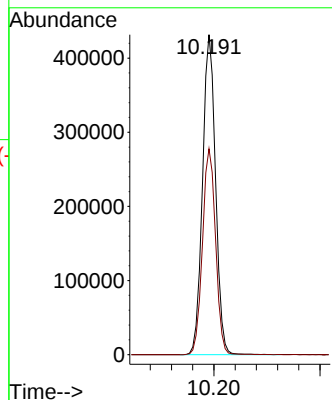
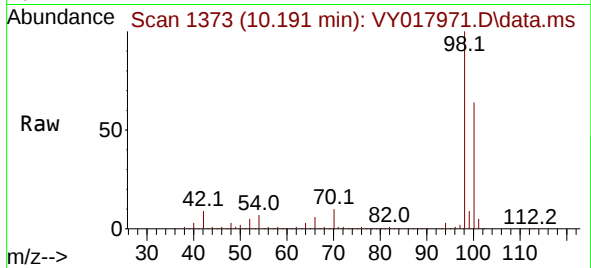




#50
Toluene-d8
Concen: 49.291 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017971.D
Acq: 18 Apr 2024 13:16

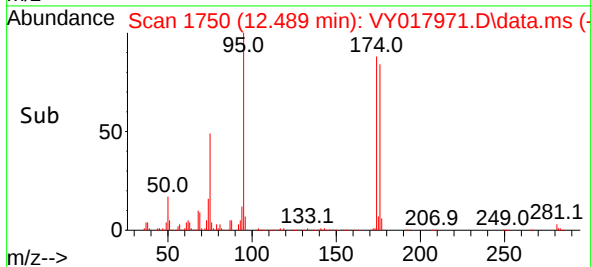
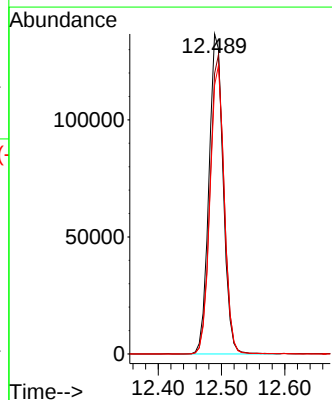
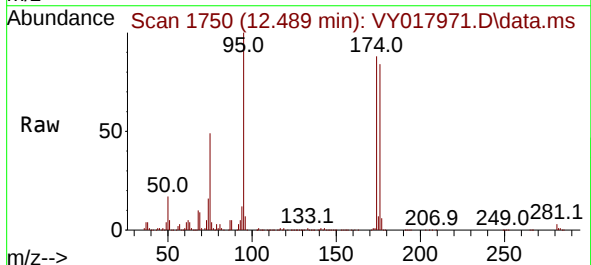
Instrument :
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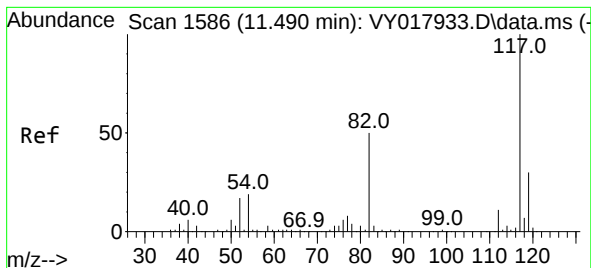
Tgt Ion: 98 Resp: 734766
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.427 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017971.D
Acq: 18 Apr 2024 13:16

Tgt Ion: 95 Resp: 214336
Ion Ratio Lower Upper
95 100
174 92.4 0.0 175.6
176 90.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017971.D

Acq: 18 Apr 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-2

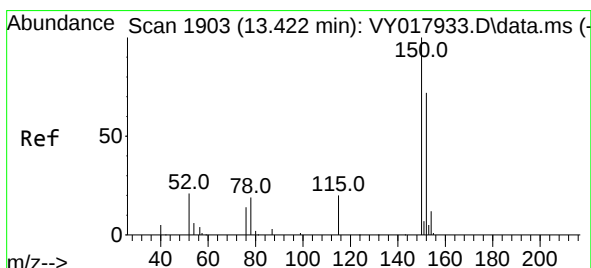
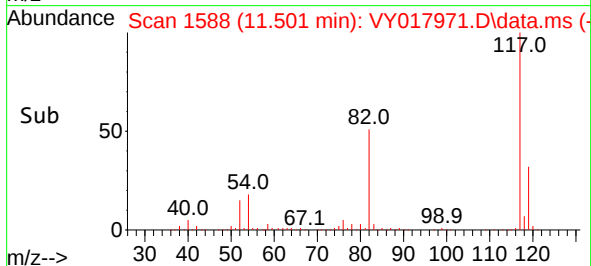
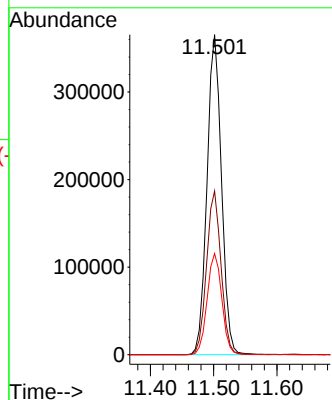
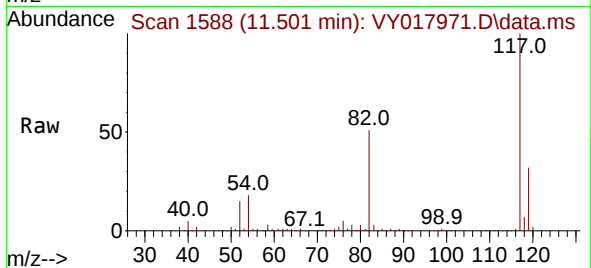
Tgt Ion:117 Resp: 582872

Ion Ratio Lower Upper

117 100

82 51.1 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017971.D

Acq: 18 Apr 2024 13:16

Tgt Ion:152 Resp: 231597

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 157.1 0.0 345.6

