

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017970.D
 Acq On : 18 Apr 2024 12:52
 Operator : SY/MD
 Sample : P2147-05
 Misc : 6.38g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-1

Quant Time: Apr 19 02:00:16 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)

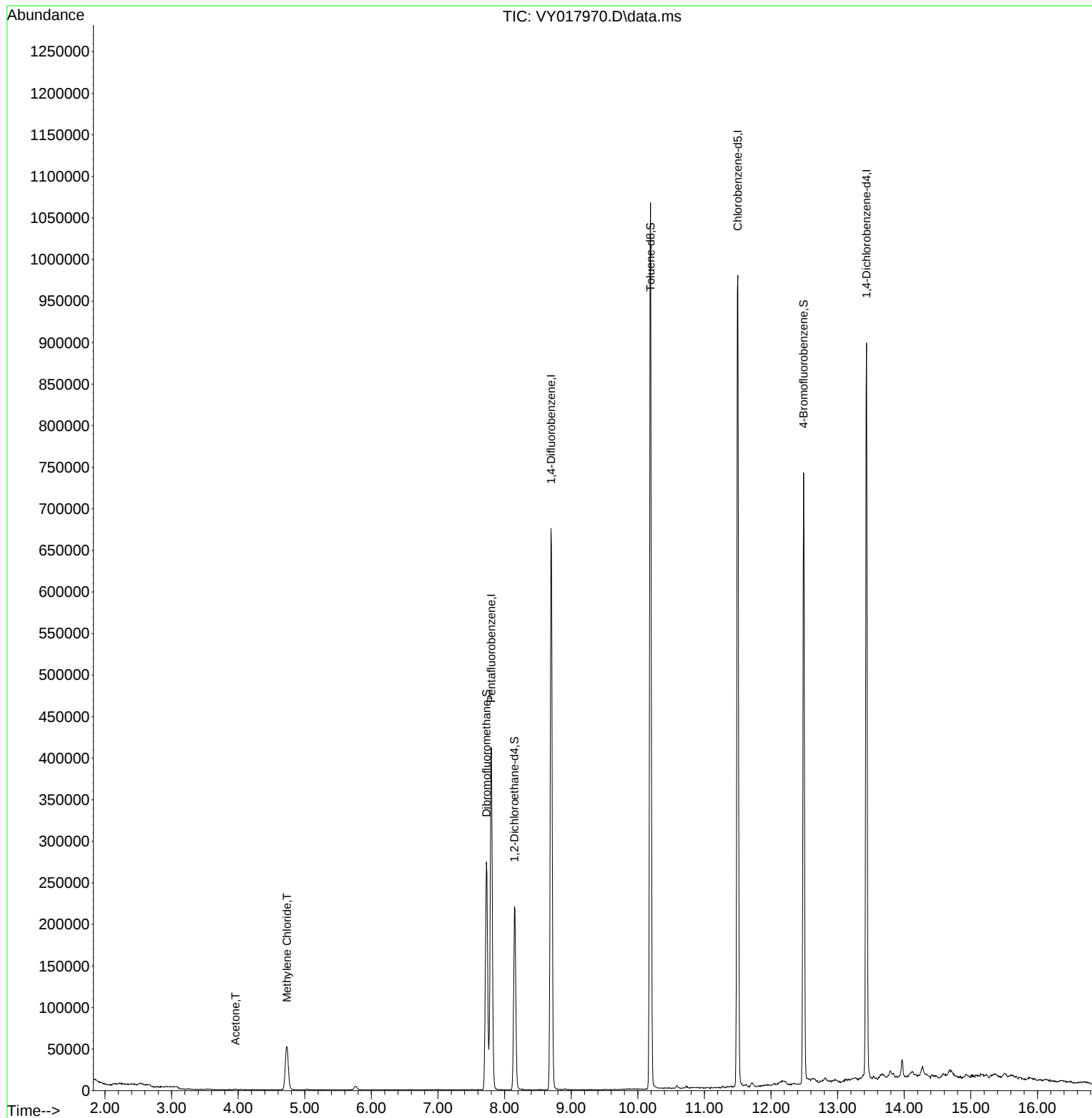
Internal Standards						
1) Pentafluorobenzene	7.801	168	349261	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	627666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	586684	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	242510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	168237	55.663	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.320%
35) Dibromofluoromethane	7.728	113	199936	51.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.191	98	731960	49.815	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.489	95	223283	49.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.140%
Target Compounds						Qvalue
16) Acetone	3.960	43	1388	2.324	ug/l	95
20) Methylene Chloride	4.735	84	45052	11.135	ug/l	98

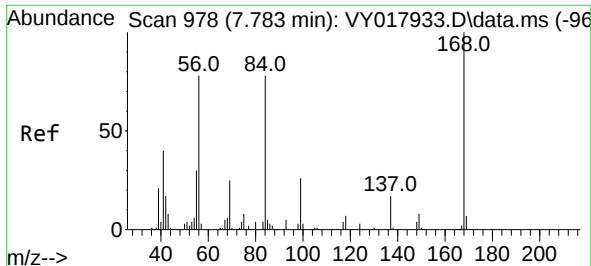
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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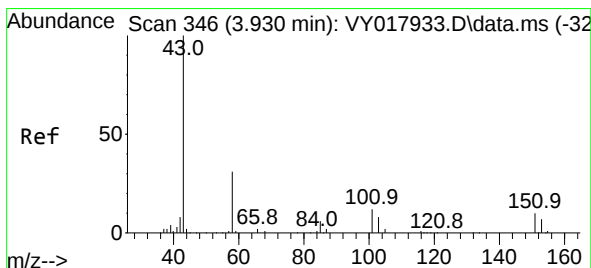
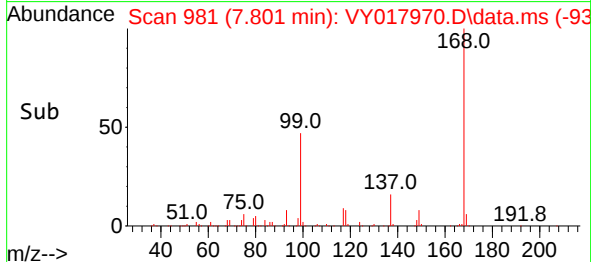
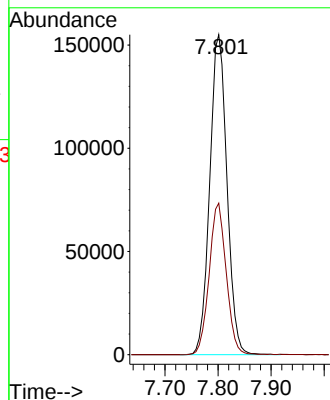
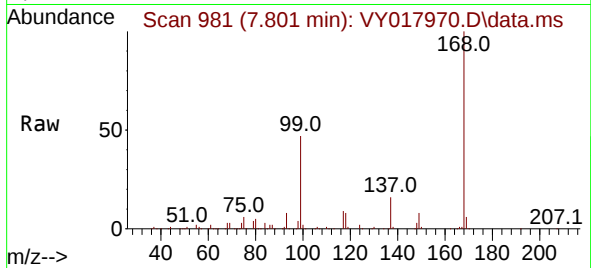




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

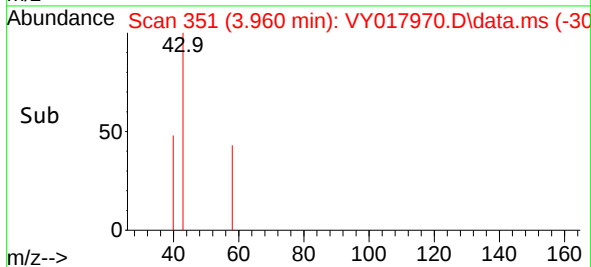
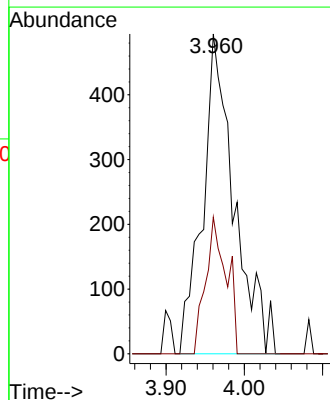
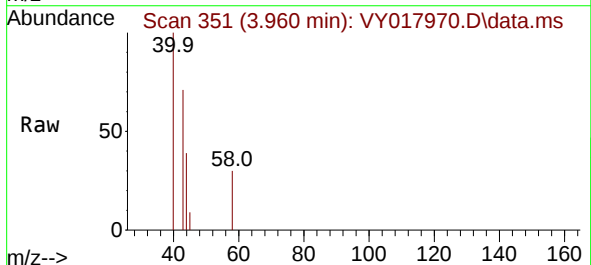
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

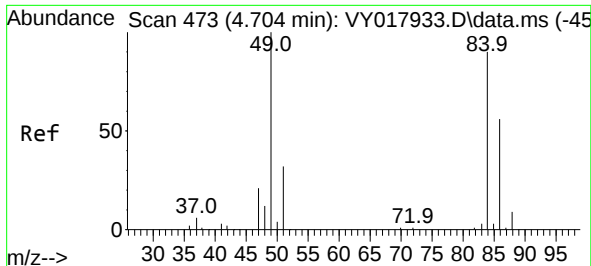
Tgt Ion:168 Resp: 349261
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#16
Acetone
Concen: 2.324 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

Tgt Ion: 43 Resp: 1388
Ion Ratio Lower Upper
43 100
58 42.7 31.7 47.5

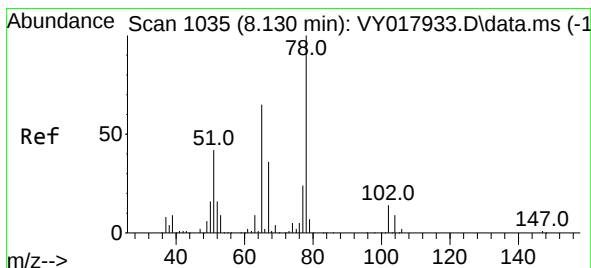
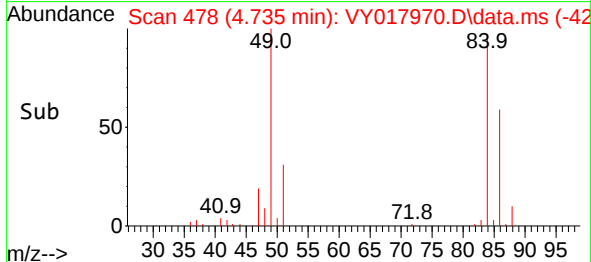
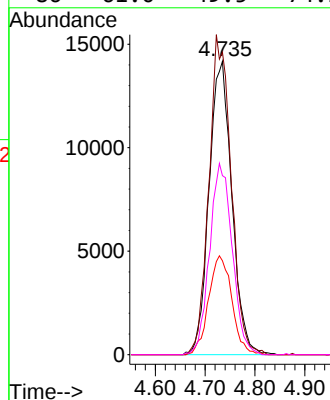
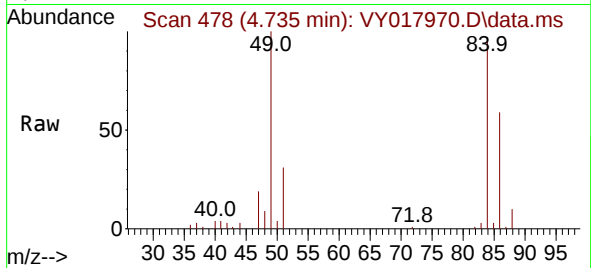




#20
Methylene Chloride
Concen: 11.135 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

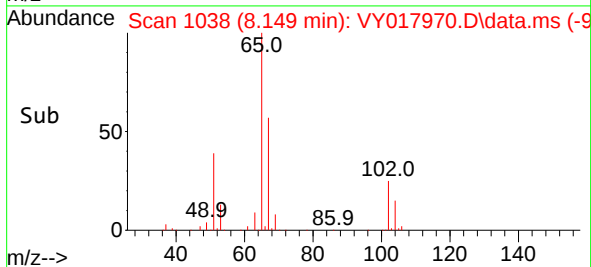
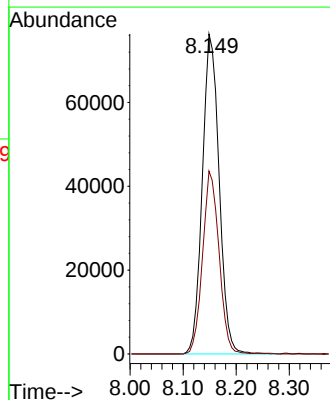
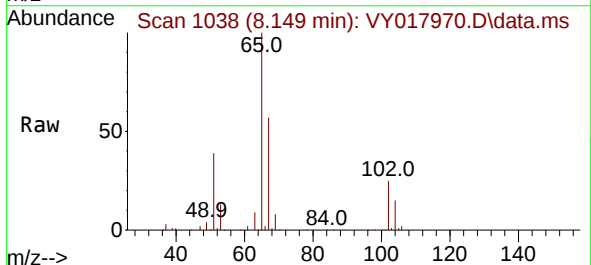
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

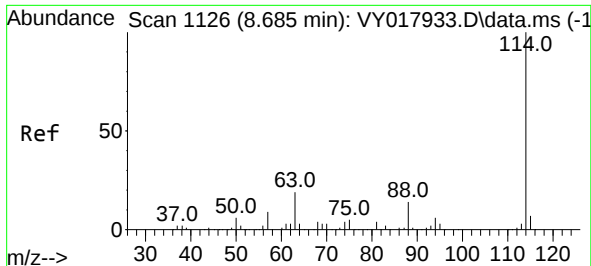
Tgt Ion:	84	Resp:	45052
Ion	Ratio	Lower	Upper
84	100		
49	103.1	84.4	126.6
51	32.0	26.0	39.0
86	61.0	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 55.663 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

Tgt Ion:	65	Resp:	168237
Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY017970.D

Acq: 18 Apr 2024 12:52

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-1

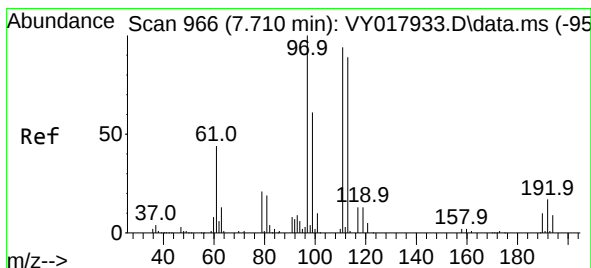
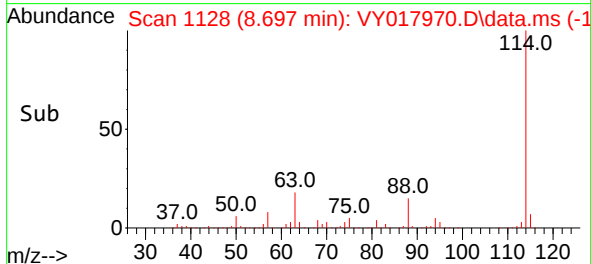
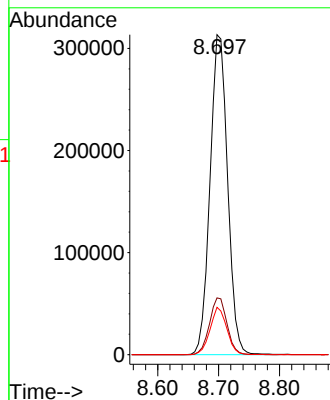
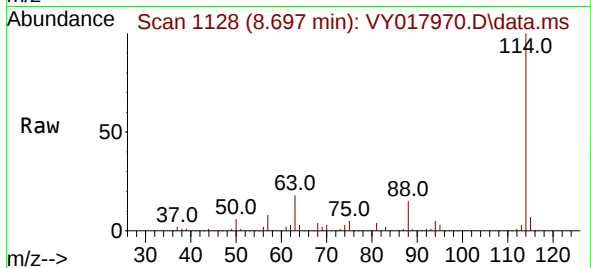
Tgt Ion:114 Resp: 627666

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.632 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY017970.D

Acq: 18 Apr 2024 12:52

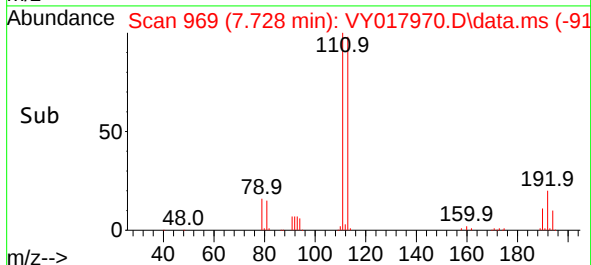
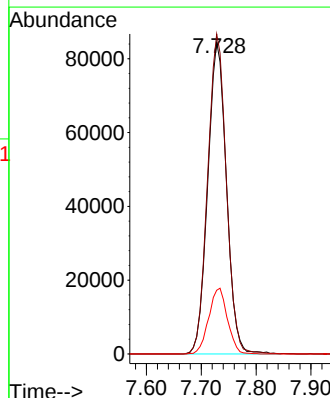
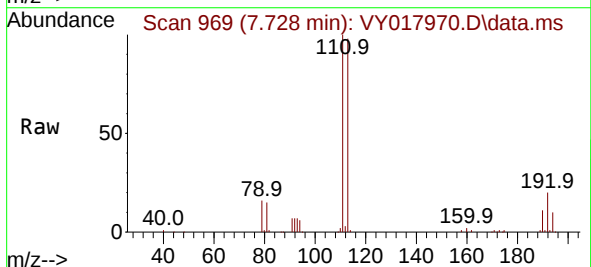
Tgt Ion:113 Resp: 199936

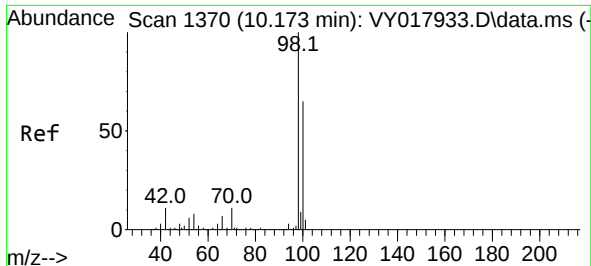
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 21.0 15.9 23.9

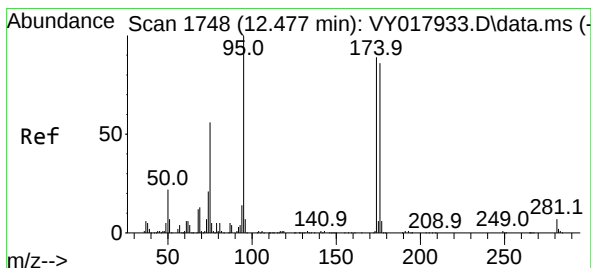
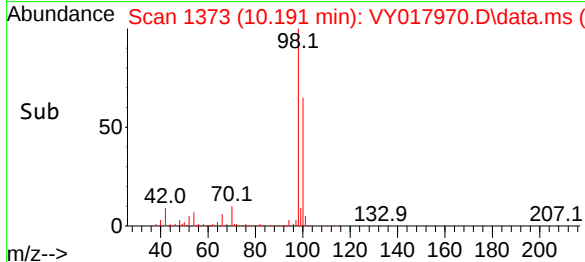
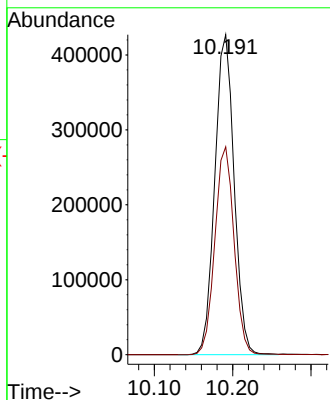
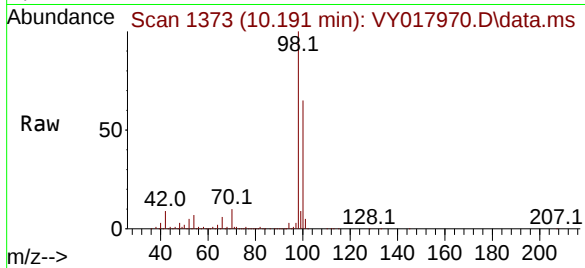




#50
Toluene-d8
Concen: 49.815 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

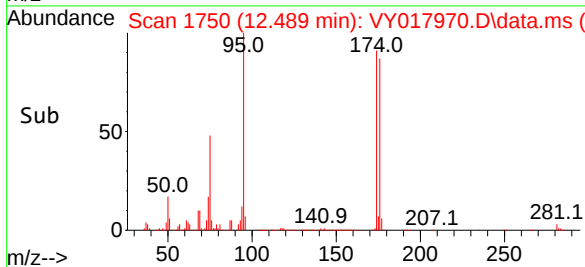
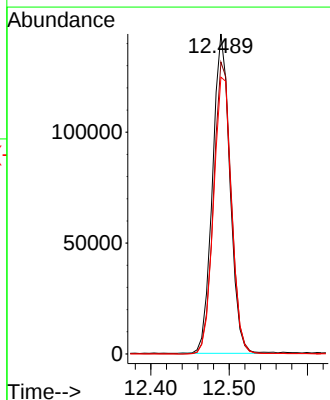
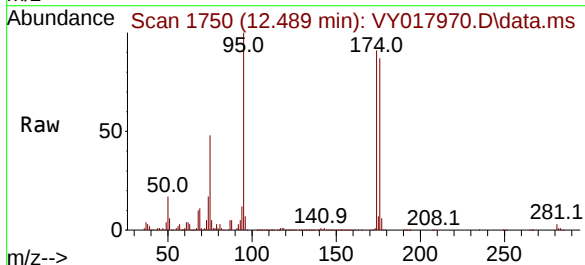
Instrument :
MSVOA_Y
ClientSampleId :
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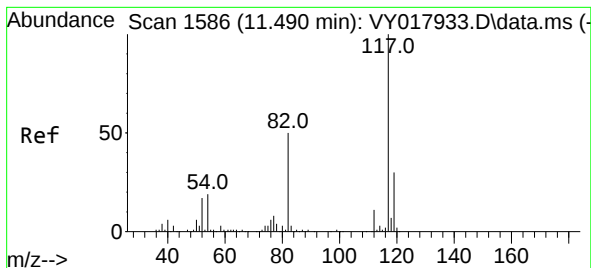
Tgt Ion: 98 Resp: 731960
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.066 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

Tgt Ion: 95 Resp: 223283
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 89.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017970.D

Acq: 18 Apr 2024 12:52

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-1

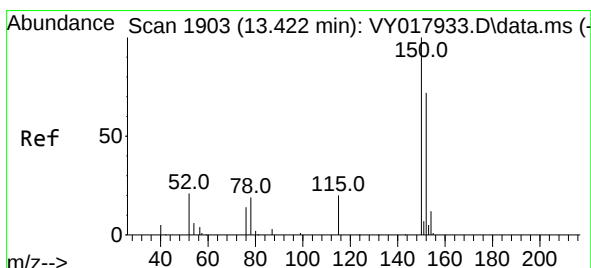
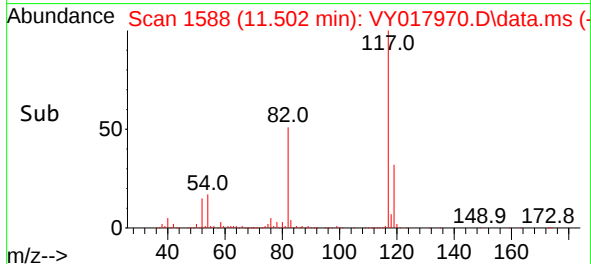
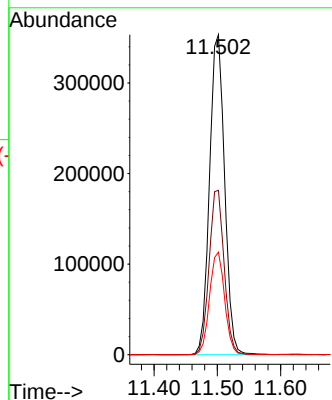
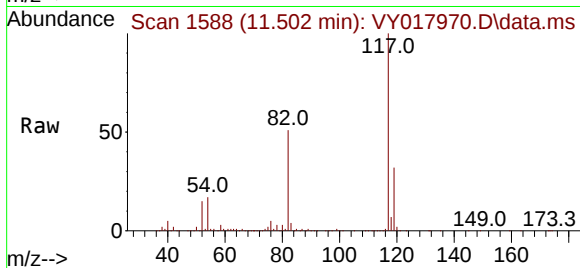
Tgt Ion:117 Resp: 586684

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 32.0 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: VY017970.D

Acq: 18 Apr 2024 12:52

Tgt Ion:152 Resp: 242510

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 156.1 0.0 345.6

