

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017834.D
 Acq On : 03 Apr 2024 14:36
 Operator : SY/MD
 Sample : P1952-03
 Misc : 4.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-A-GRAB

Quant Time: Apr 04 01:12:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

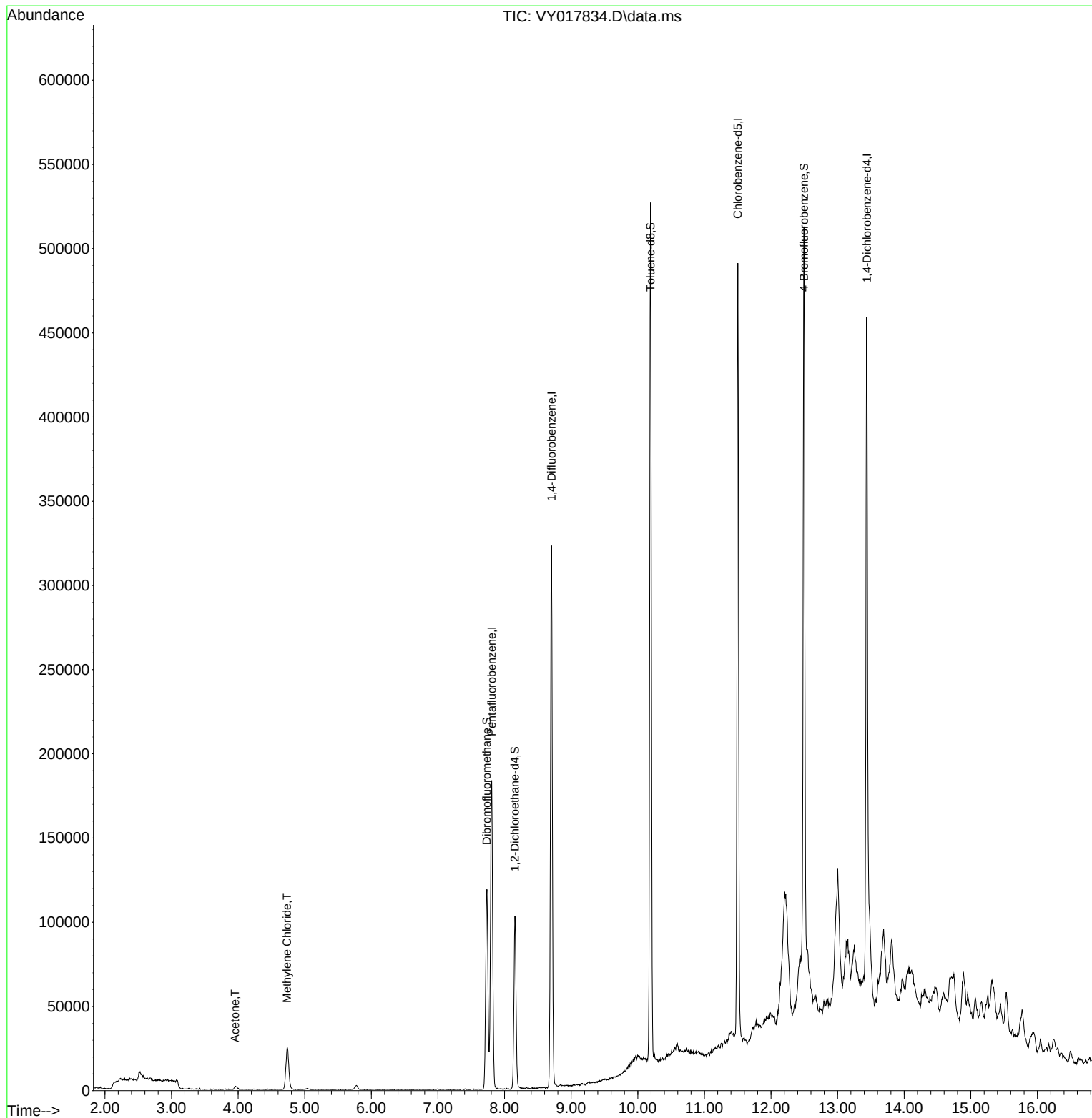
Internal Standards						
1) Pentafluorobenzene	7.807	168	146073	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	276084	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	247912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	94842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78940	62.451	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.900%
35) Dibromofluoromethane	7.734	113	84849	53.186	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.380%
50) Toluene-d8	10.191	98	335185	56.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.500%
62) 4-Bromofluorobenzene	12.496	95	94287	52.003	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.000%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	3550	13.587	ug/l	# 84
20) Methylene Chloride	4.735	84	19818	10.268	ug/l	97

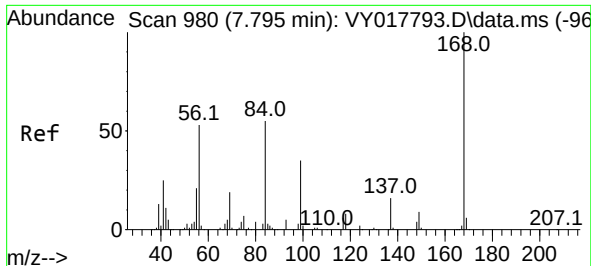
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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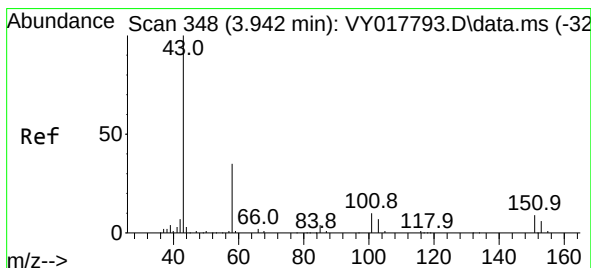
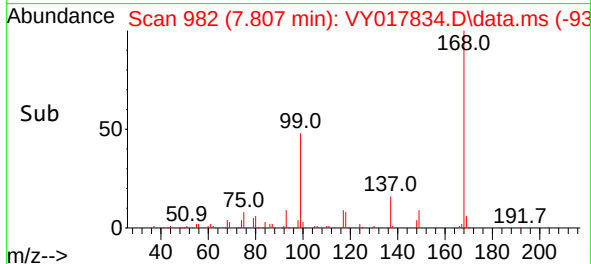
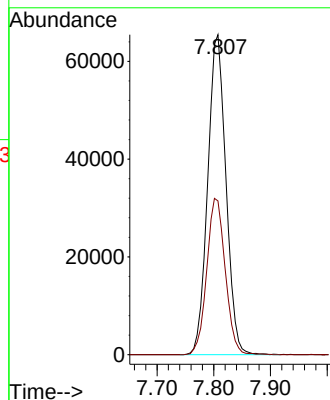
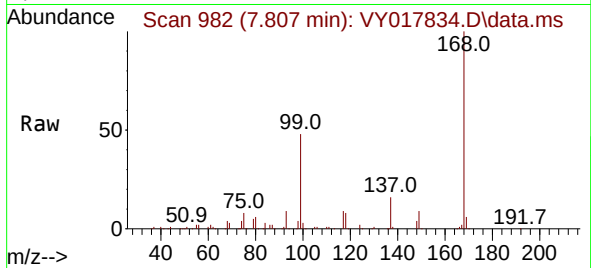




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

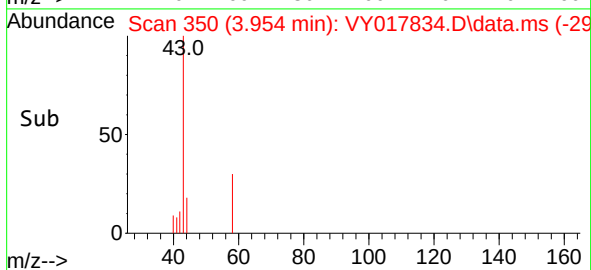
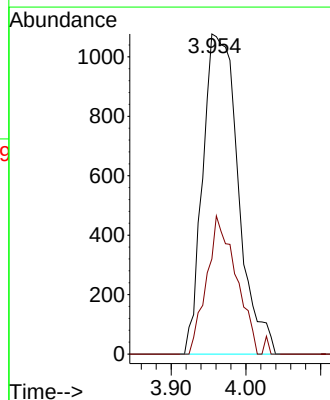
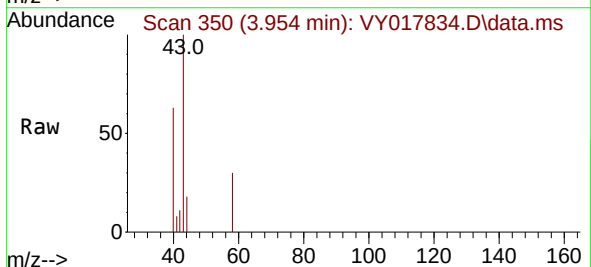
Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRAB

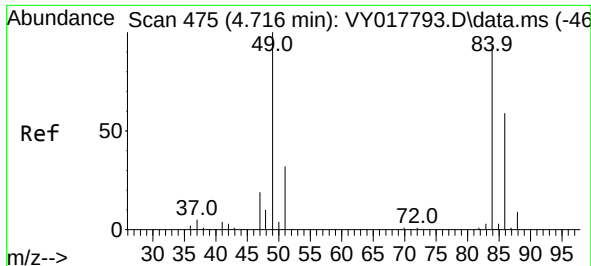
Tgt Ion:168 Resp: 146073
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#16
Acetone
Concen: 13.587 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Tgt Ion: 43 Resp: 3550
Ion Ratio Lower Upper
43 100
58 29.7 31.7 47.5#



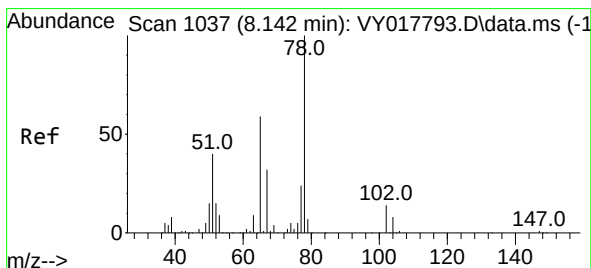
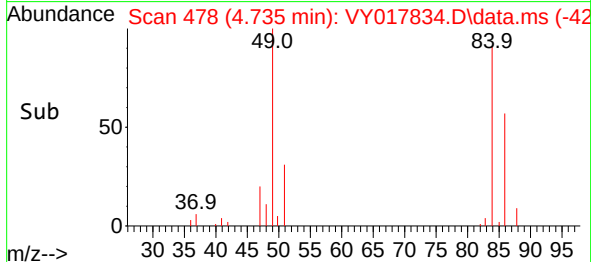
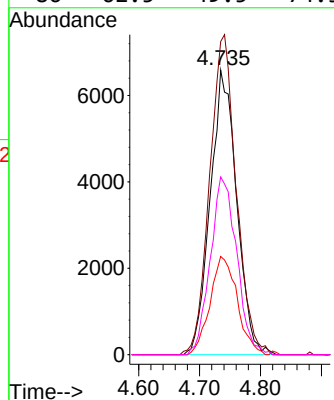
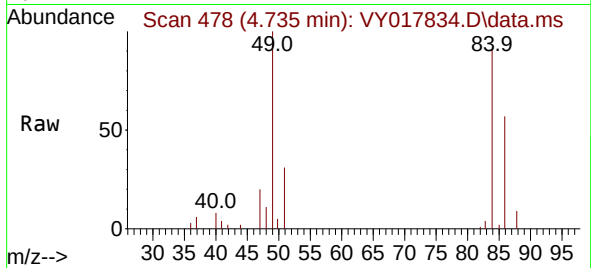


#20
Methylene Chloride
Concen: 10.268 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRAB

Tgt Ion: 84 Resp: 19818

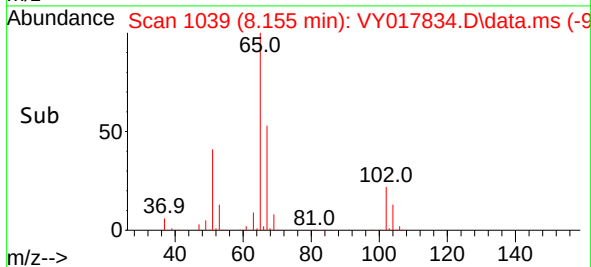
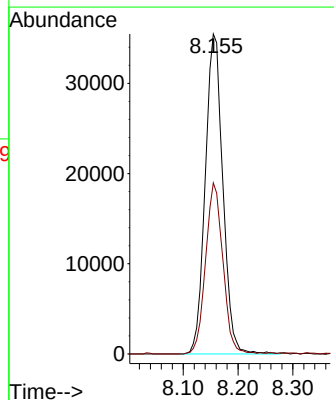
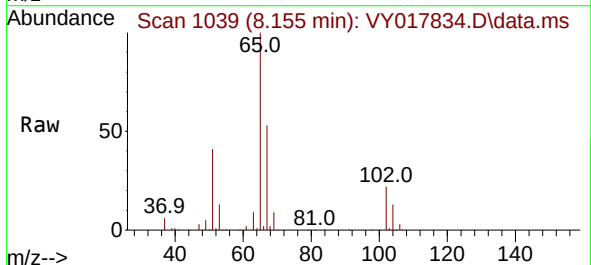
Ion	Ratio	Lower	Upper
84	100		
49	110.0	84.4	126.6
51	34.5	26.0	39.0
86	62.5	49.5	74.3

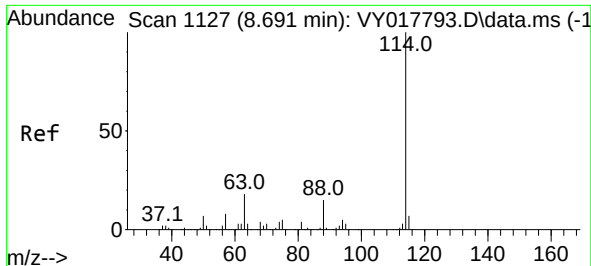


#33
1,2-Dichloroethane-d4
Concen: 62.451 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Tgt Ion: 65 Resp: 78940

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017834.D

Acq: 03 Apr 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

WC-A-GRAB

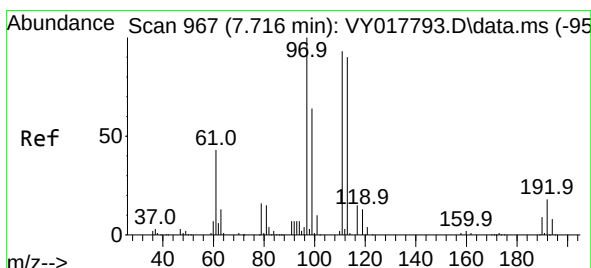
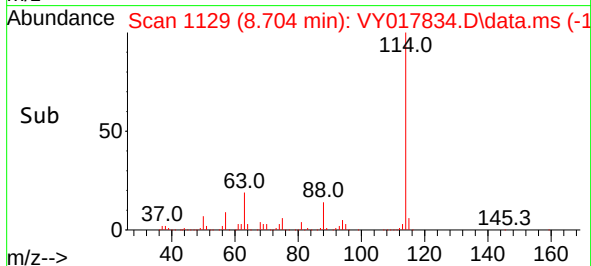
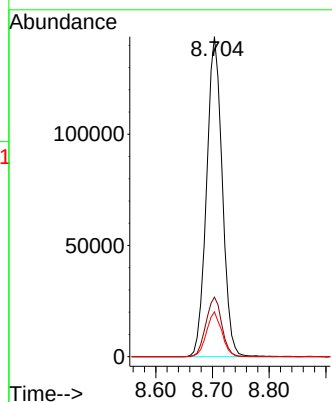
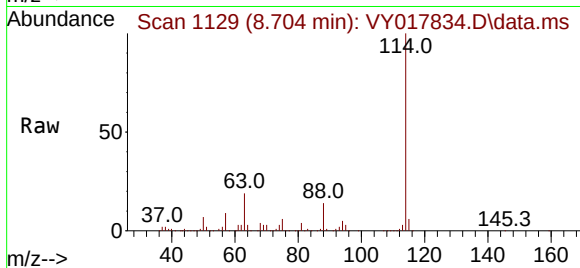
Tgt Ion:114 Resp: 276084

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.186 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017834.D

Acq: 03 Apr 2024 14:36

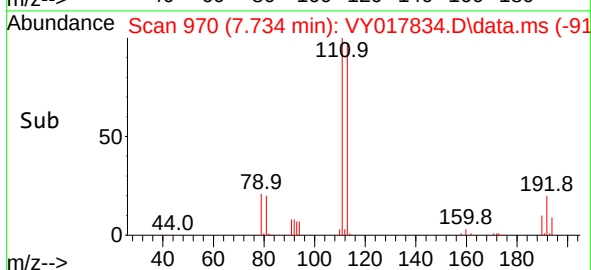
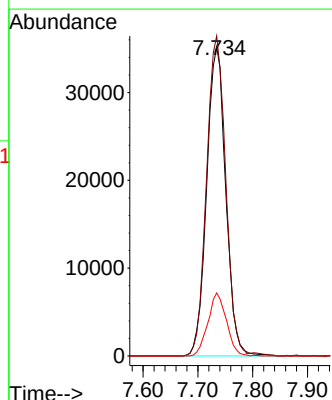
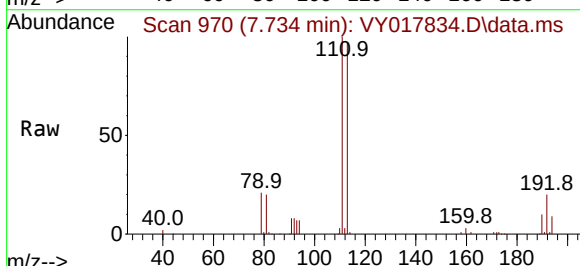
Tgt Ion:113 Resp: 84849

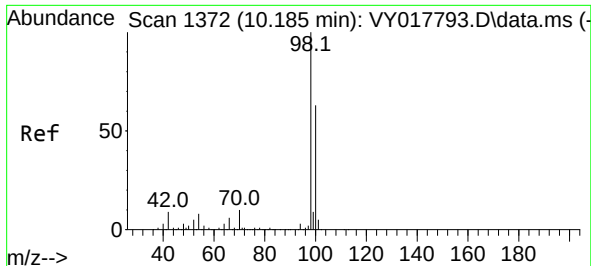
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 19.8 15.9 23.9

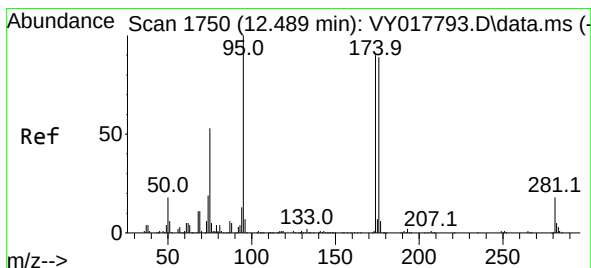
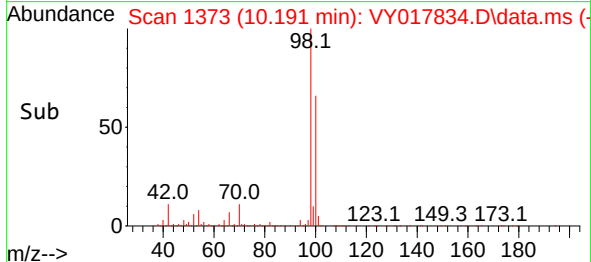
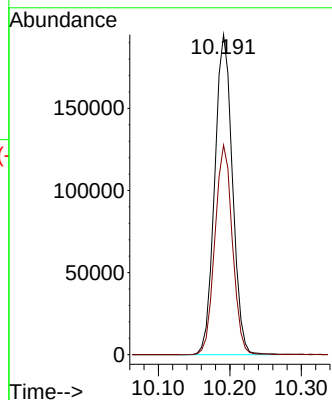
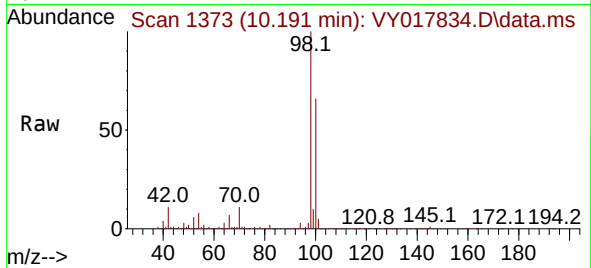




#50
Toluene-d8
Concen: 56.246 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

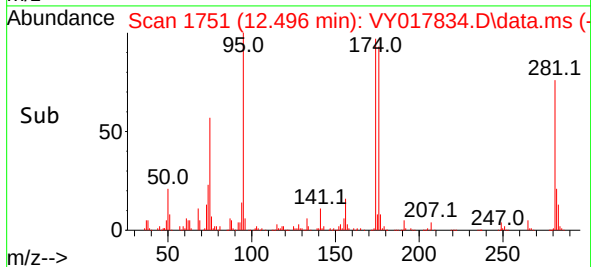
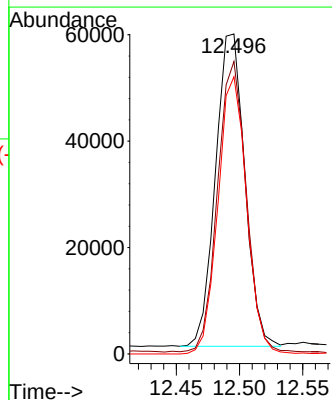
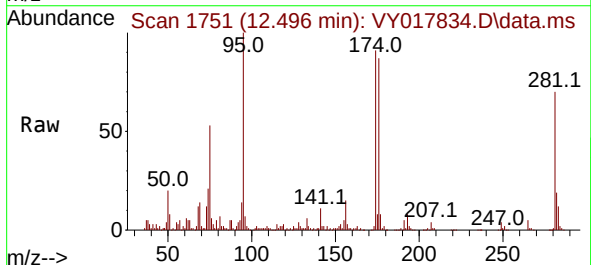
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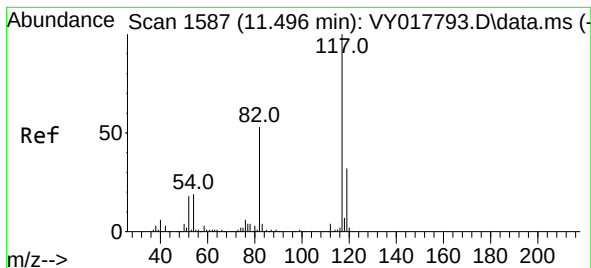
Tgt Ion: 98 Resp: 335185
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.003 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Tgt Ion: 95 Resp: 94287
Ion Ratio Lower Upper
95 100
174 91.9 0.0 175.6
176 87.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017834.D

Acq: 03 Apr 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

WC-A-GRAB

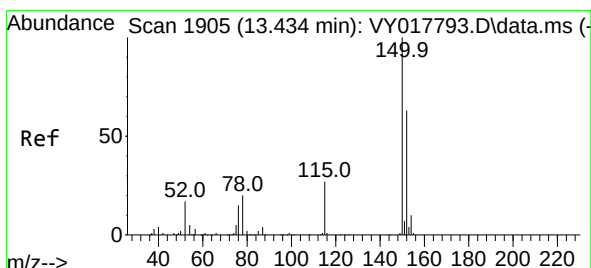
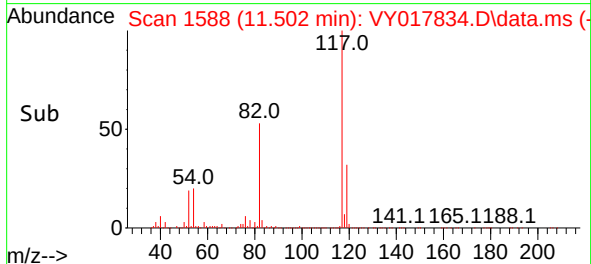
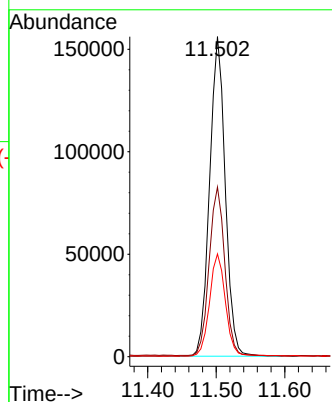
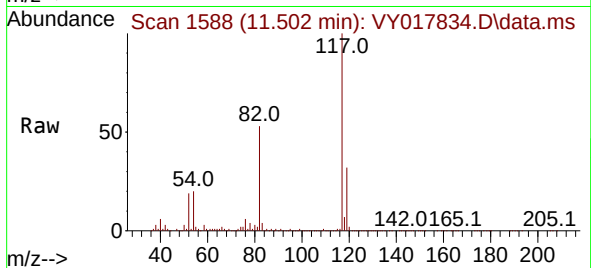
Tgt Ion:117 Resp: 247912

Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017834.D

Acq: 03 Apr 2024 14:36

Tgt Ion:152 Resp: 94842

Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 155.0 0.0 345.6

