

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017034.D
 Acq On : 18 Jan 2024 13:00
 Operator : SY/MD
 Sample : P1156-01
 Misc : 2.79g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-9.0-9.5

Quant Time: Jan 19 02:27:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

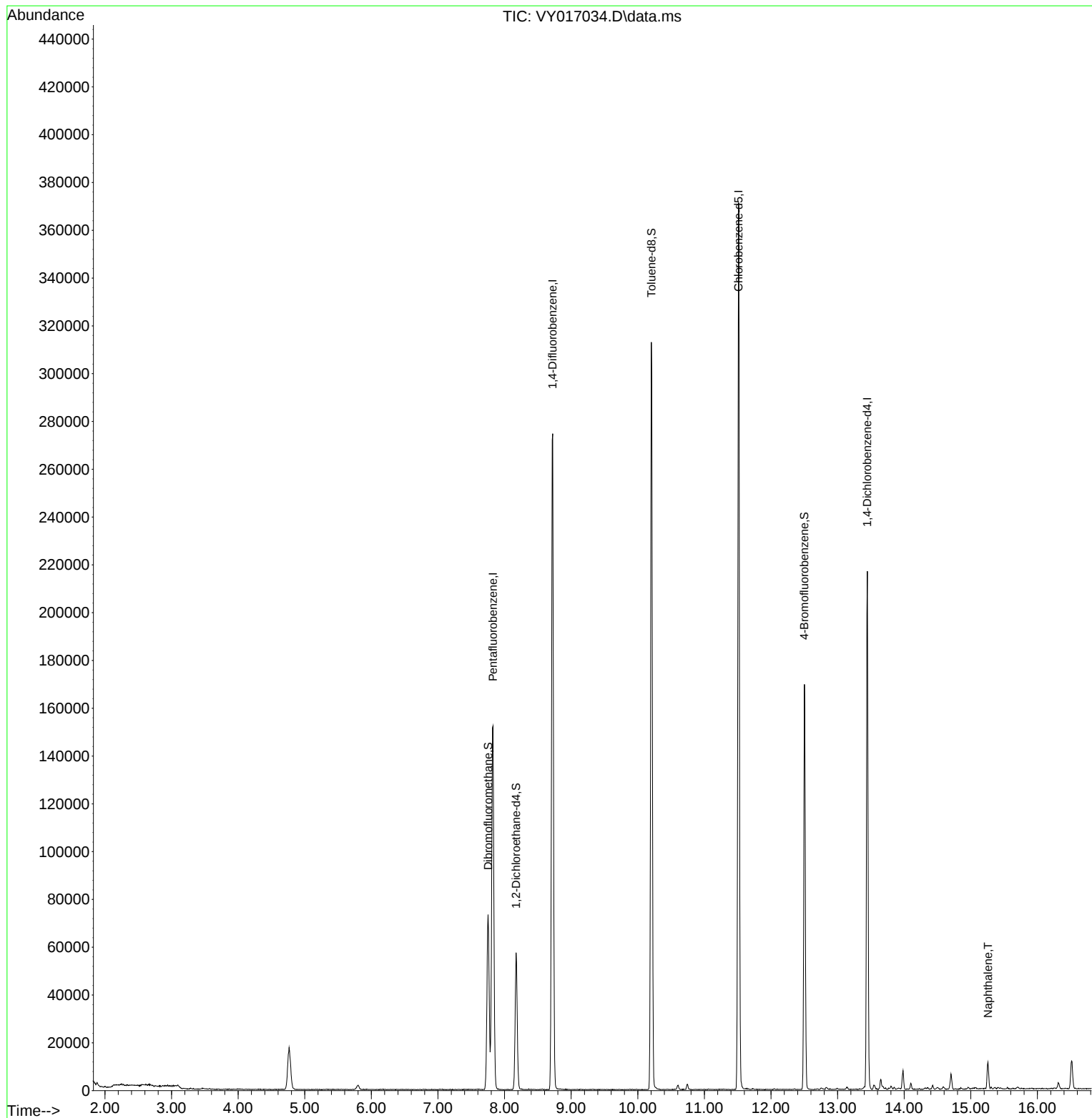
Internal Standards						
1) Pentafluorobenzene	7.826	168	117216	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	240957	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	201793	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	54881	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	43095	37.198	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.400%
35) Dibromofluoromethane	7.752	113	53604	34.911	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.820%
50) Toluene-d8	10.203	98	206649	39.083	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.160%
62) 4-Bromofluorobenzene	12.502	95	50687	28.413	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.820%
Target Compounds						
95) Naphthalene	15.257	128	9503	7.398	ug/l	Qvalue 98

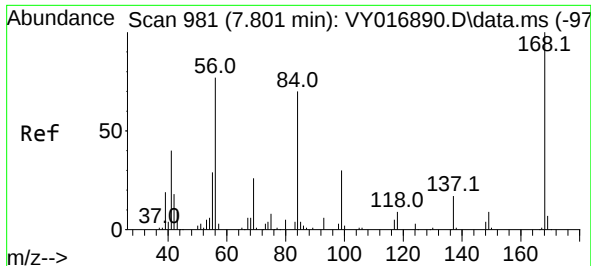
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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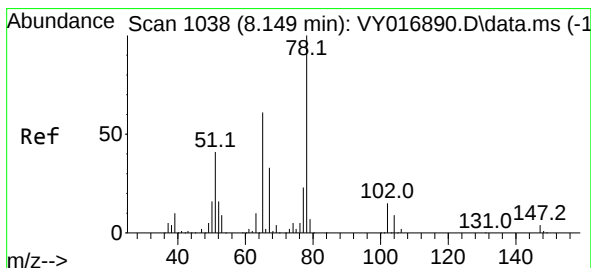
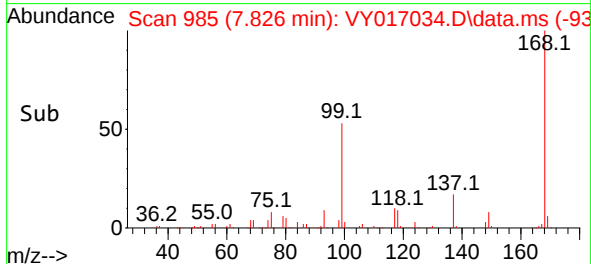
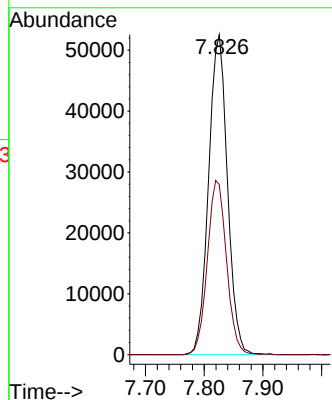
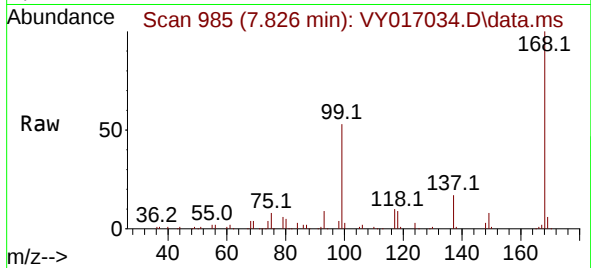




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

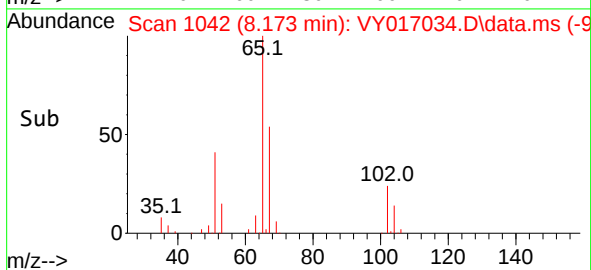
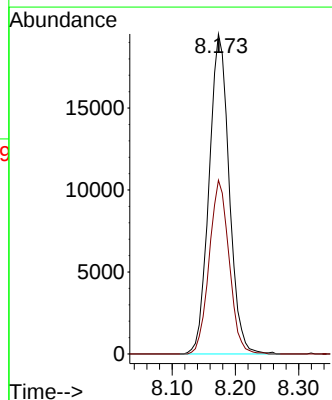
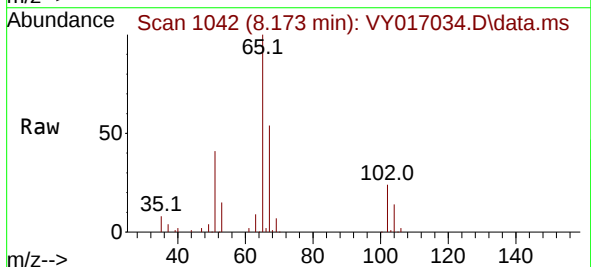
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-9.0-9.5

Tgt Ion:168 Resp: 117216
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 37.198 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

Tgt Ion: 65 Resp: 43095
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017034.D

Acq: 18 Jan 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-9-9.0-9.5

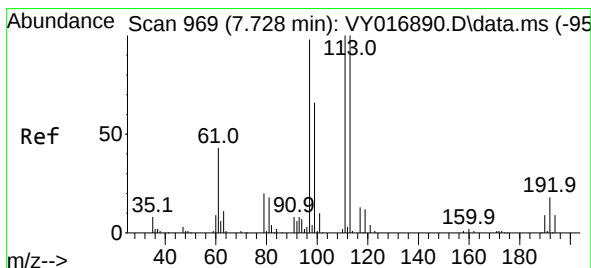
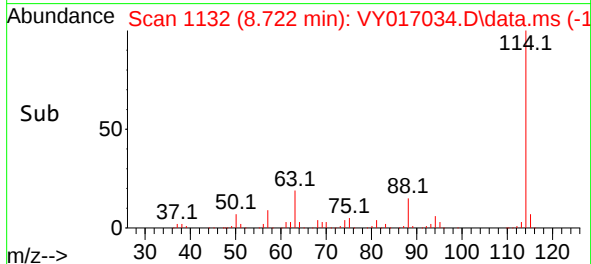
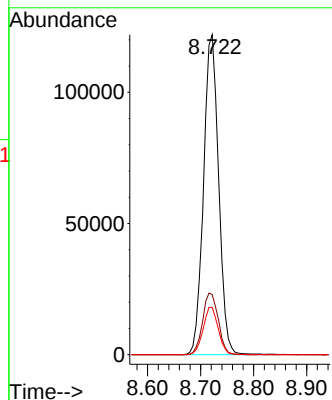
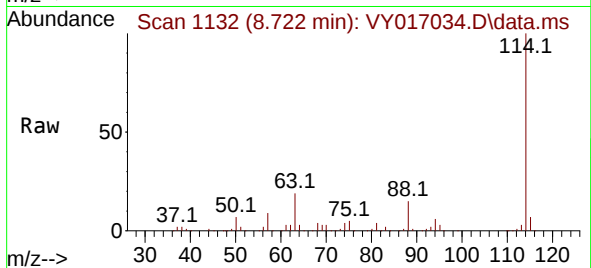
Tgt Ion:114 Resp: 240957

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 34.911 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY017034.D

Acq: 18 Jan 2024 13:00

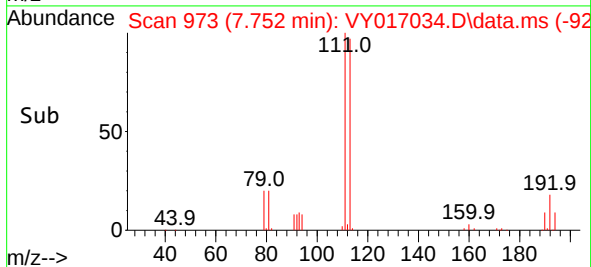
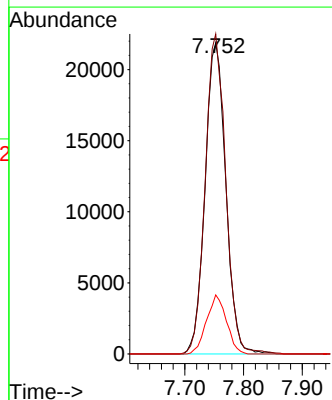
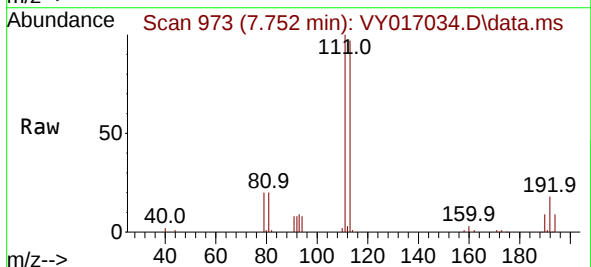
Tgt Ion:113 Resp: 53604

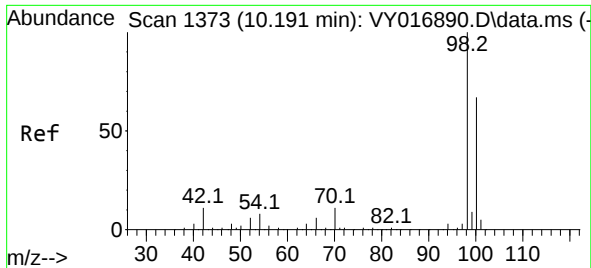
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.2 14.5 21.7

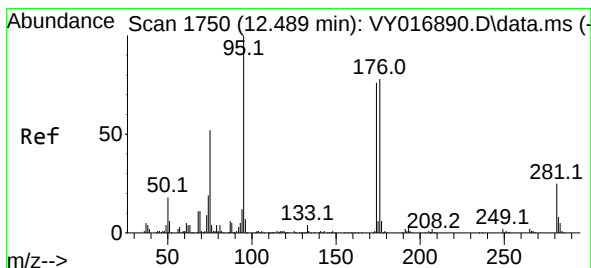
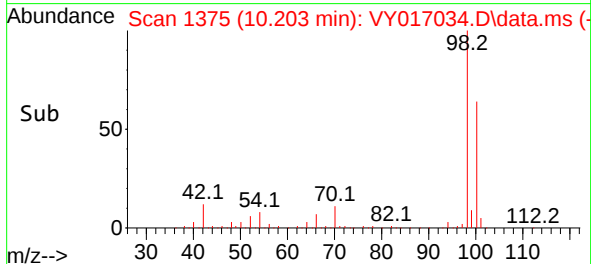
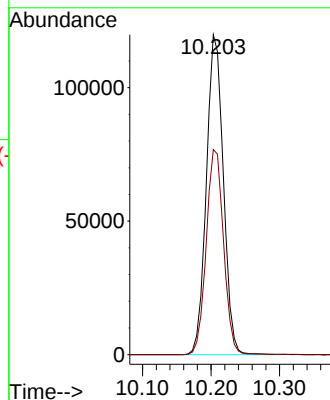
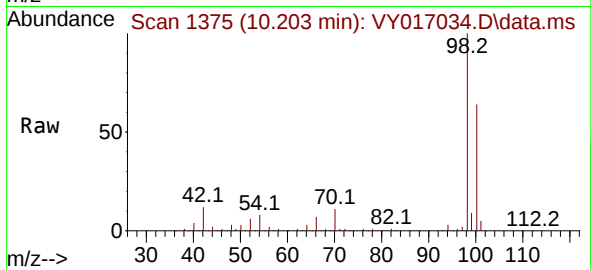




#50
Toluene-d8
Concen: 39.083 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

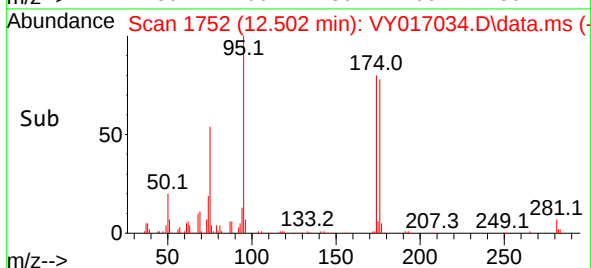
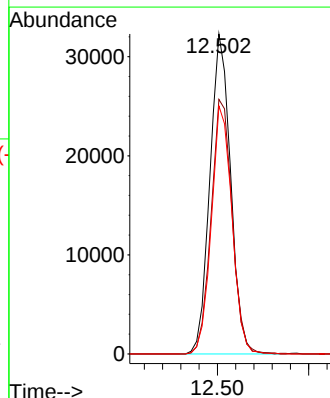
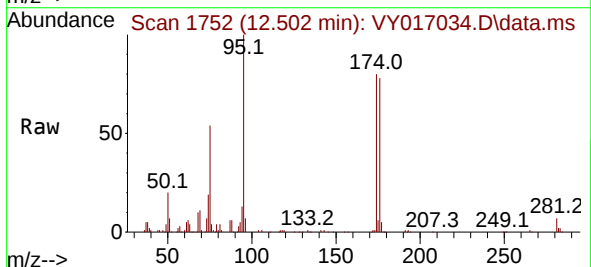
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-9.0-9.5

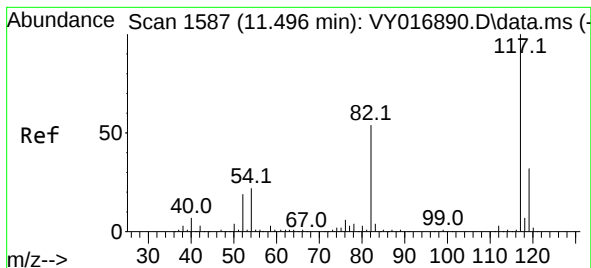
Tgt Ion: 98 Resp: 206649
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 28.413 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

Tgt Ion: 95 Resp: 50687
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.0
176 77.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017034.D

Acq: 18 Jan 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-9-9.0-9.5

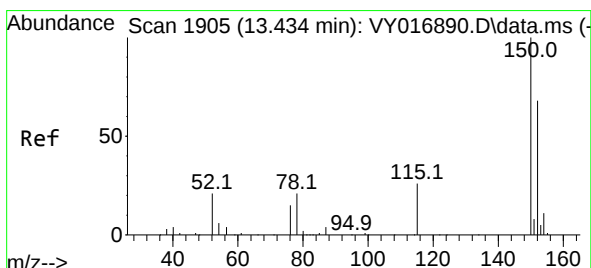
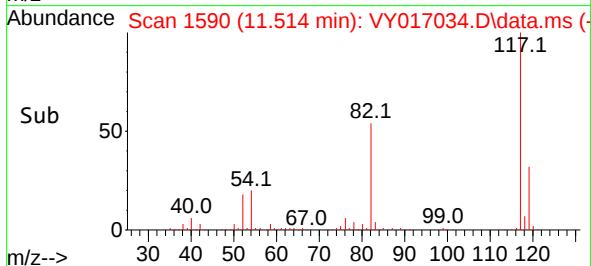
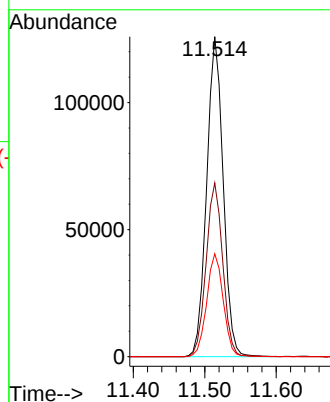
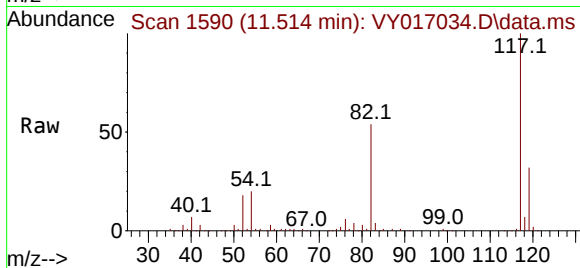
Tgt Ion:117 Resp: 201793

Ion Ratio Lower Upper

117 100

82 54.3 43.8 65.8

119 32.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY017034.D

Acq: 18 Jan 2024 13:00

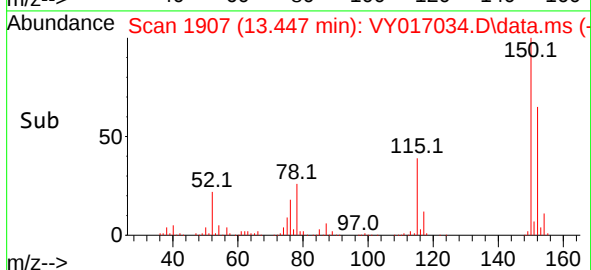
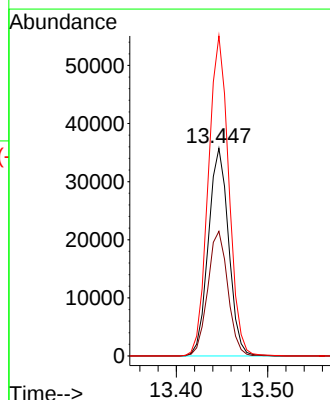
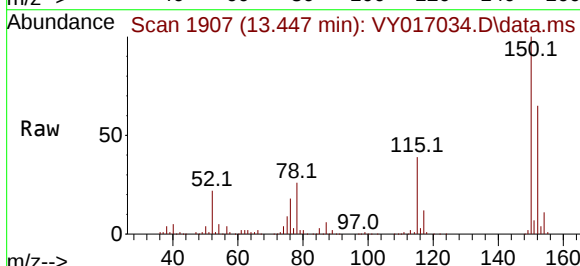
Tgt Ion:152 Resp: 54881

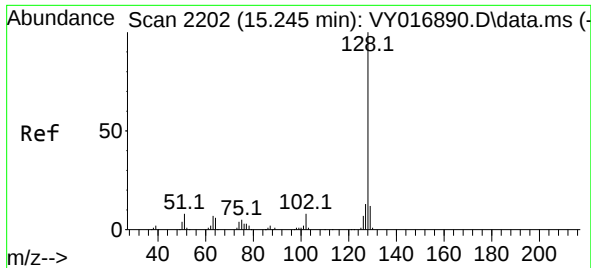
Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 156.3 0.0 344.6





#95
Naphthalene
Concen: 7.398 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

Instrument :
MSVOA_Y
ClientSampleId :
SB-9-9.0-9.5

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.4
129	11.1	8.6	12.8

