

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017026.D
 Acq On : 17 Jan 2024 21:12
 Operator : SY/MD
 Sample : P1156-01
 Misc : 3.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-9.0-9.5

Quant Time: Jan 18 00:48:56 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	7.832	168	110604	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	8.728	114	232240	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	220142	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	81187	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	49922	45.667	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.340%
35) Dibromofluoromethane	7.758	113	54705	36.965	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.920%
50) Toluene-d8	10.215	98	203626	39.957	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.920%
62) 4-Bromofluorobenzene	12.514	95	62315	36.243	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.480%

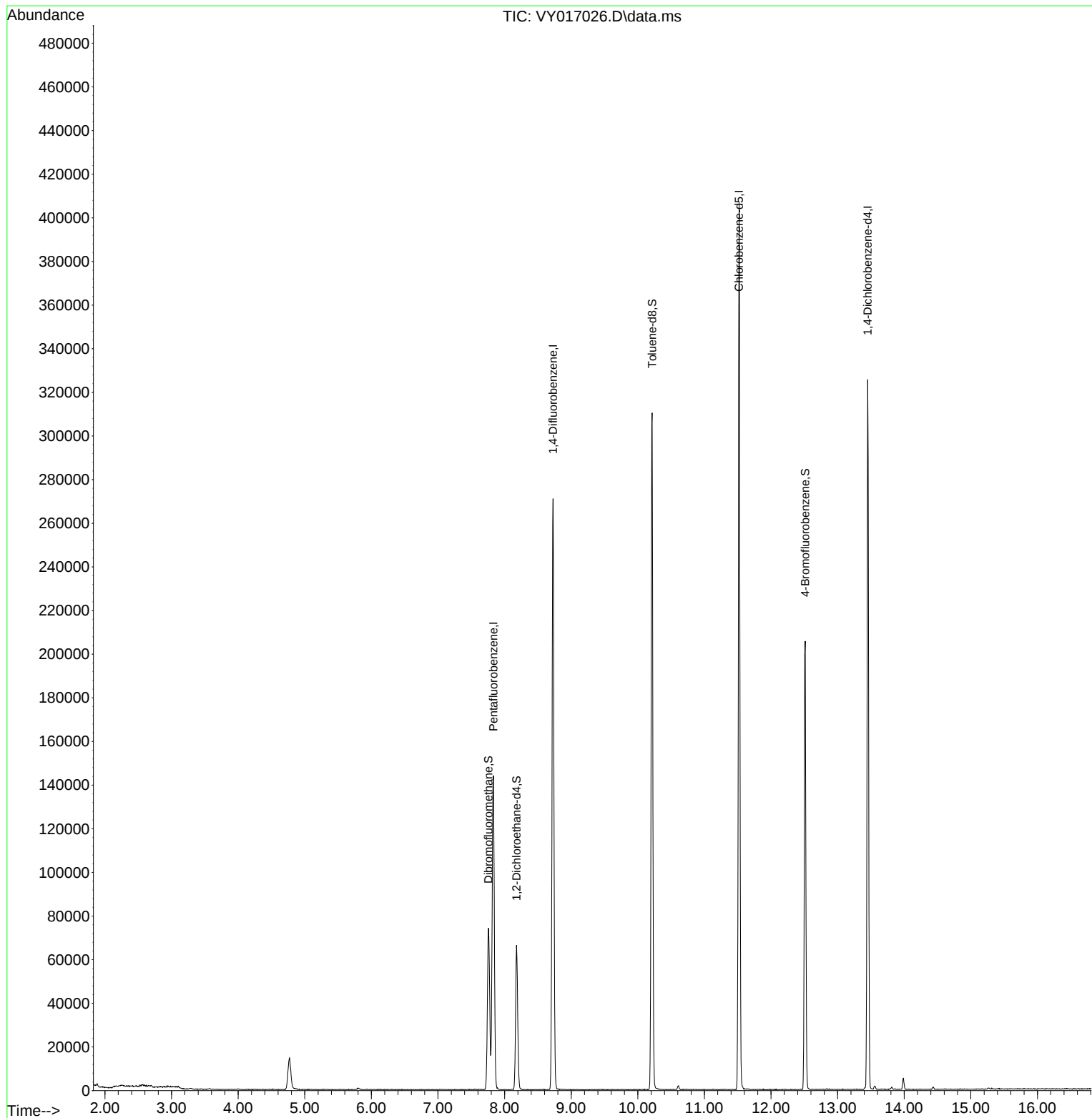
Target Compounds	Qvalue

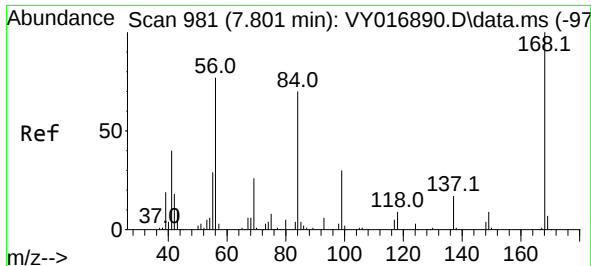
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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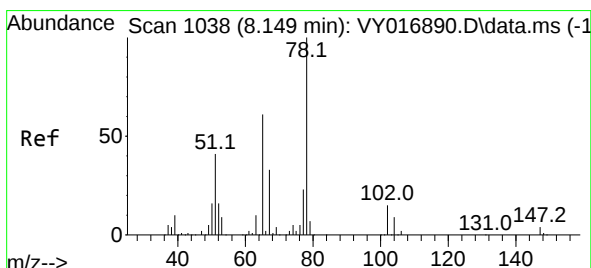
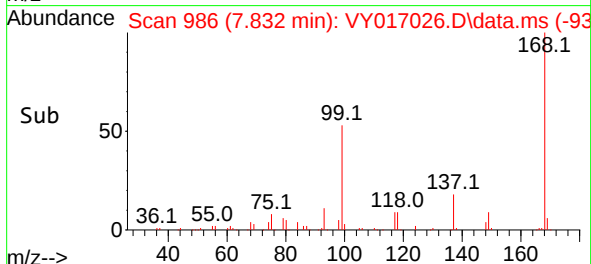
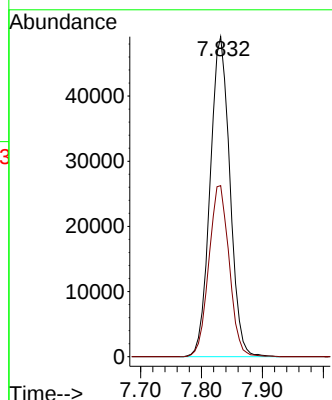
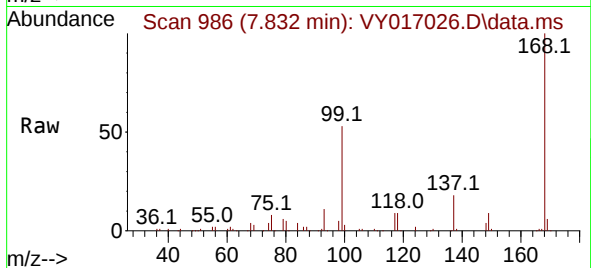




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.832 min Scan# 91
Delta R.T. 0.031 min
Lab File: VY017026.D
Acq: 17 Jan 2024 21:12

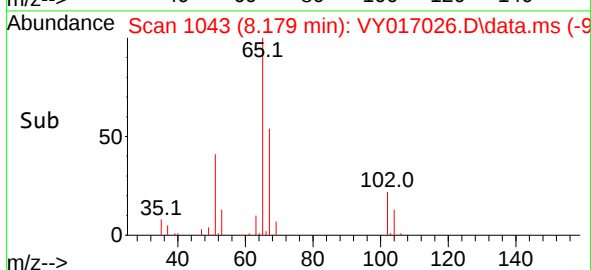
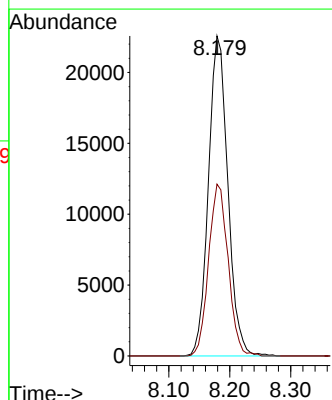
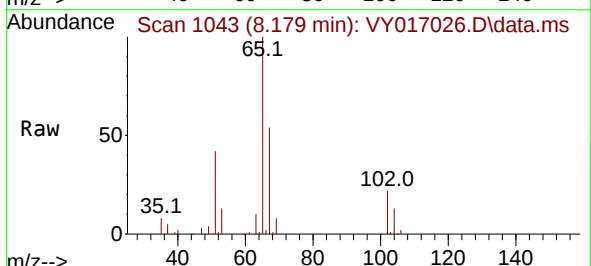
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-9.0-9.5

Tgt Ion:168 Resp: 110604
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.667 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.024 min
Lab File: VY017026.D
Acq: 17 Jan 2024 21:12

Tgt Ion: 65 Resp: 49922
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.728 min Scan# 1128

Delta R.T. 0.025 min

Lab File: VY017026.D

Acq: 17 Jan 2024 21:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-09-9.0-9.5

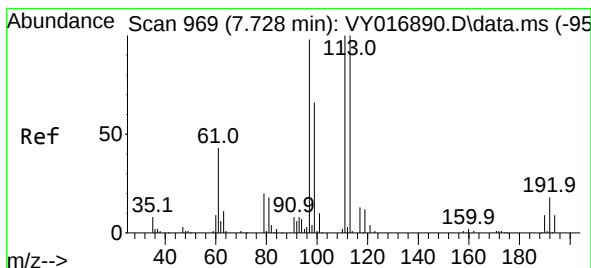
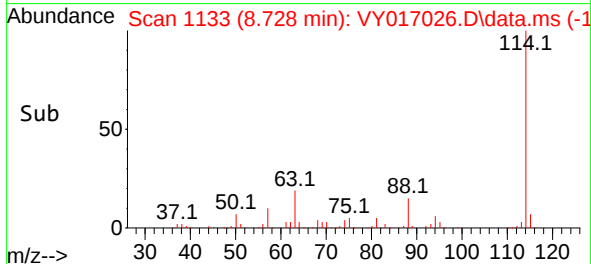
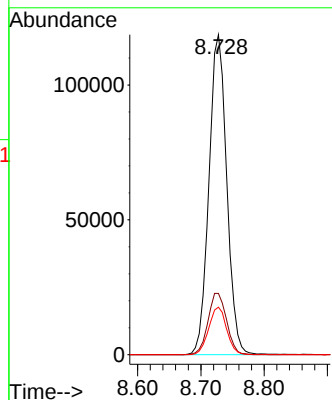
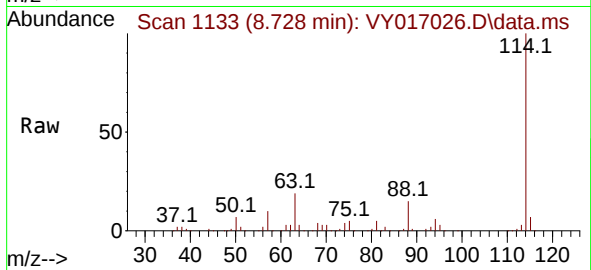
Tgt Ion:114 Resp: 232240

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.965 ug/l

RT: 7.758 min Scan# 974

Delta R.T. 0.030 min

Lab File: VY017026.D

Acq: 17 Jan 2024 21:12

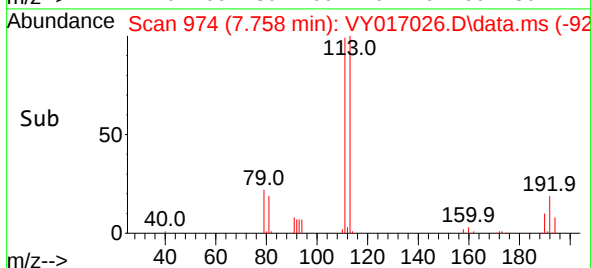
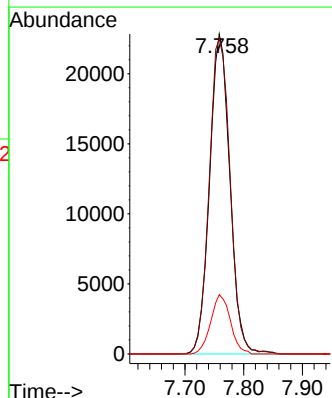
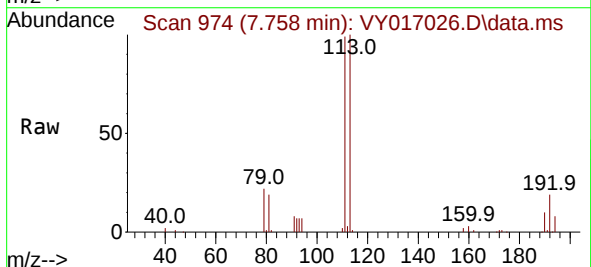
Tgt Ion:113 Resp: 54705

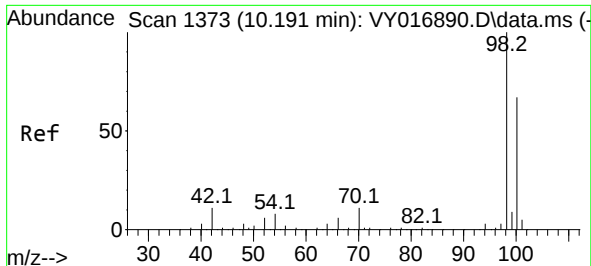
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 18.0 14.5 21.7

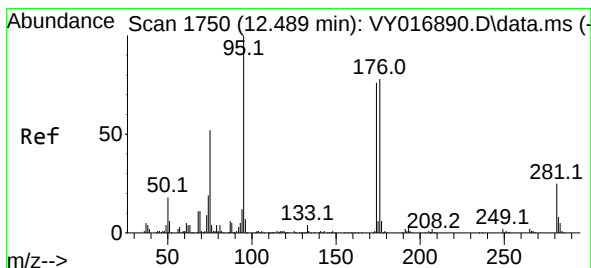
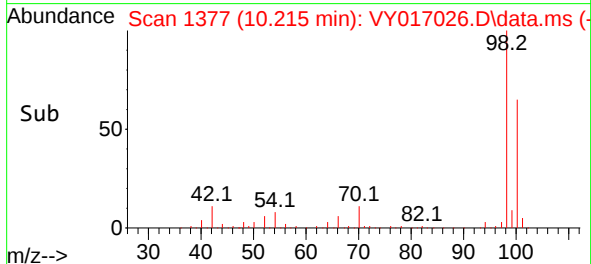
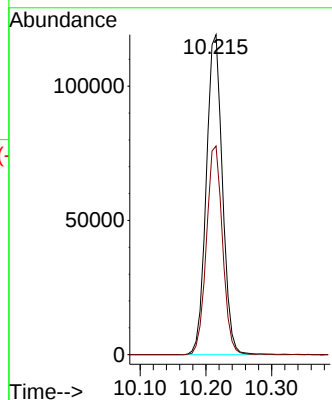
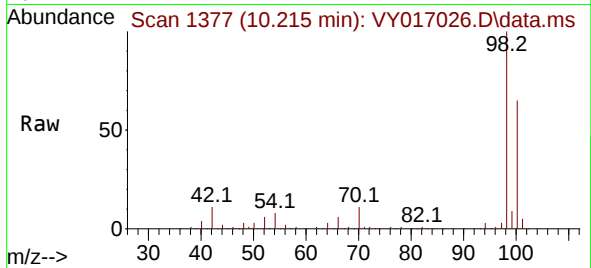




#50
Toluene-d8
Concen: 39.957 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY017026.D
Acq: 17 Jan 2024 21:12

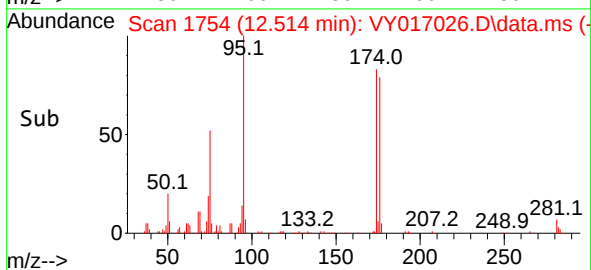
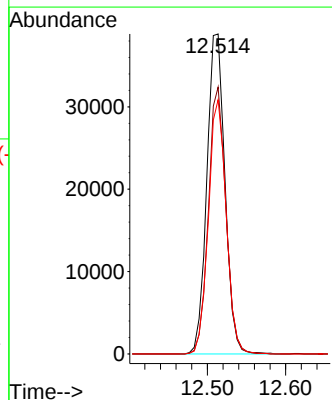
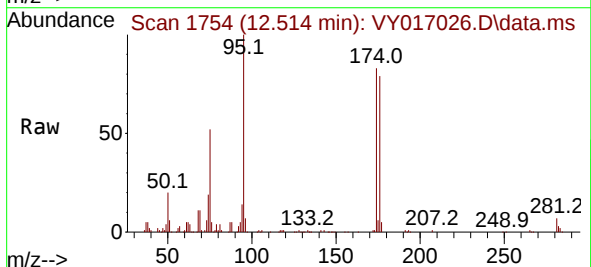
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-9.0-9.5

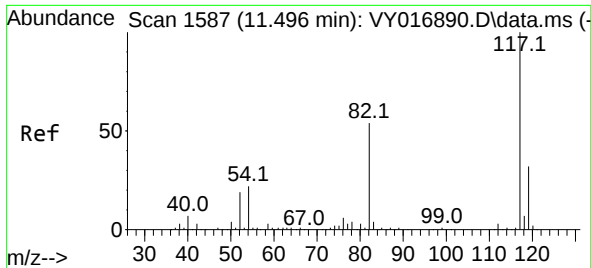
Tgt Ion: 98 Resp: 203626
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 36.243 ug/l
RT: 12.514 min Scan# 1754
Delta R.T. 0.025 min
Lab File: VY017026.D
Acq: 17 Jan 2024 21:12

Tgt Ion: 95 Resp: 62315
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.0
176 78.1 0.0 151.8

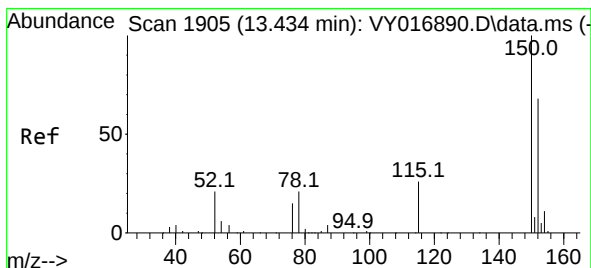
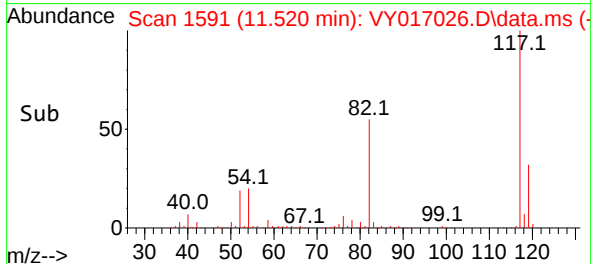
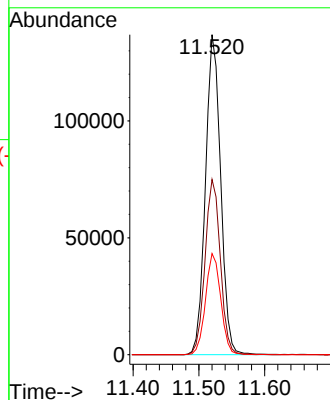
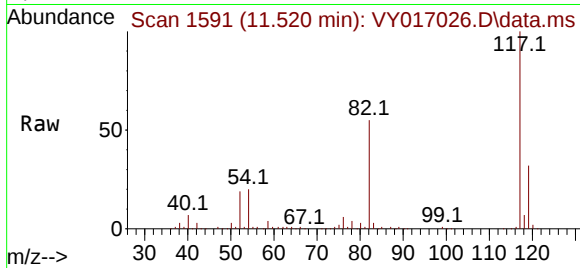




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017026.D
Acq: 17 Jan 2024 21:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-09-9.0-9.5

Tgt Ion:117 Resp: 220142
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VY017026.D
Acq: 17 Jan 2024 21:12

Tgt Ion:152 Resp: 81187
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.0
150 156.5 0.0 344.6

