

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017047.D
 Acq On : 19 Jan 2024 11:51
 Operator : SY/MD
 Sample : P1181-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-011824

Quant Time: Jan 19 22:19:30 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	7.825	168	3772	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	6826	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	6361	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.446	152	1351	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	1981	53.137	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.280%
35) Dibromofluoromethane	7.752	113	1835	42.186	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.380%
50) Toluene-d8	10.209	98	5738	38.308	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.620%
62) 4-Bromofluorobenzene	12.508	95	1314	26.001	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.000%

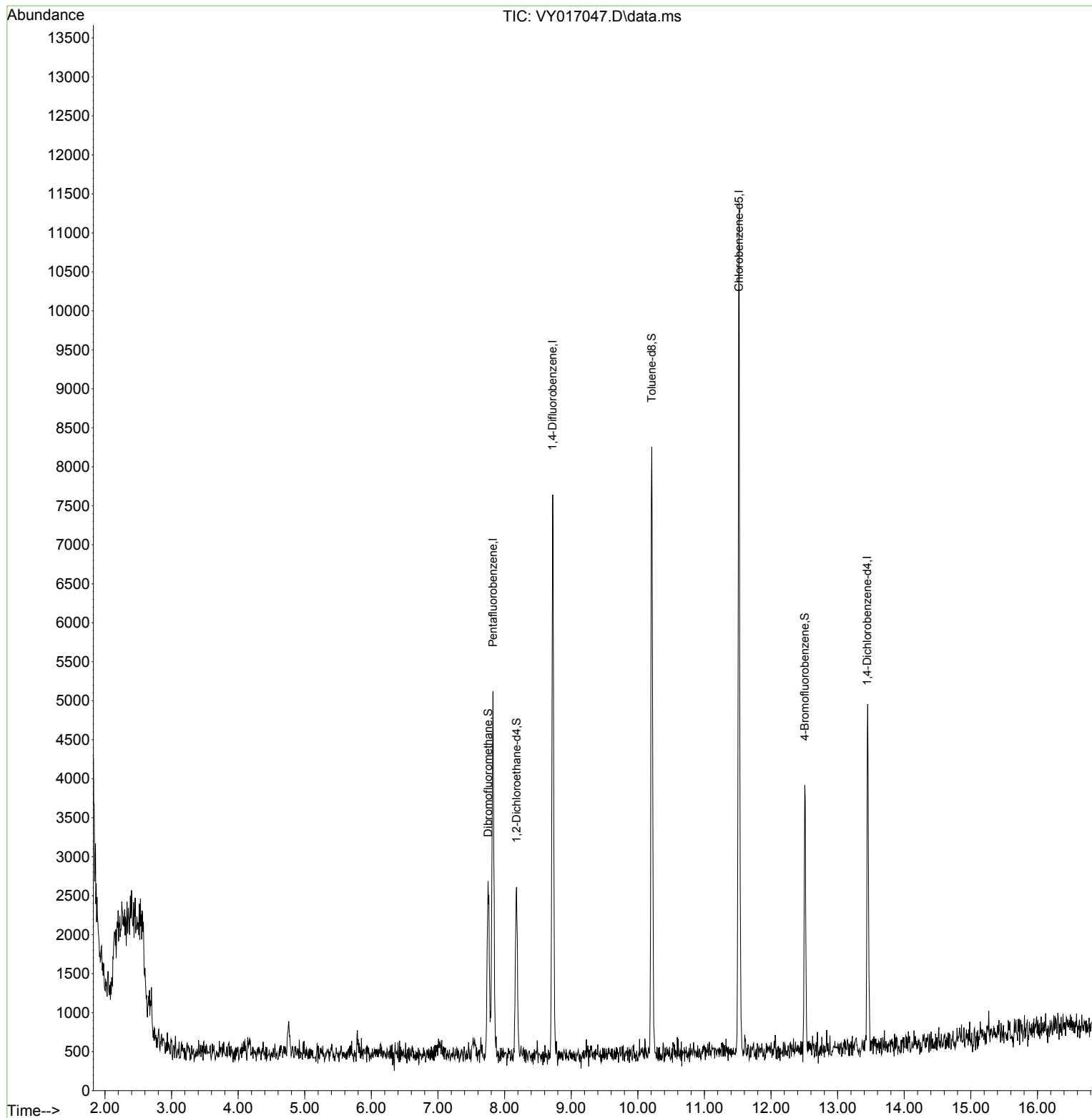
Target Compounds	Qvalue

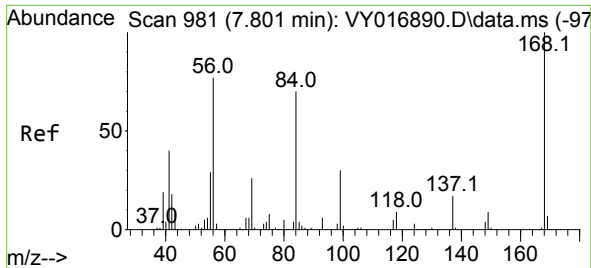
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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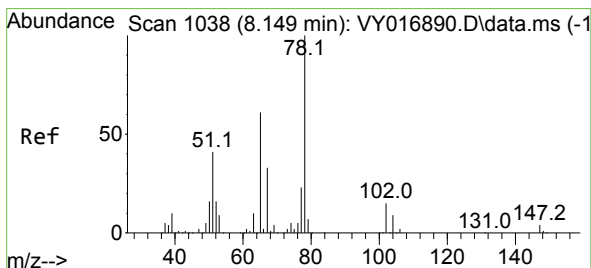
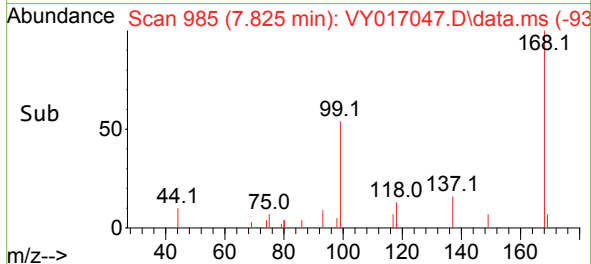
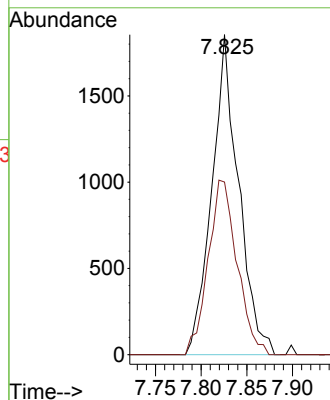
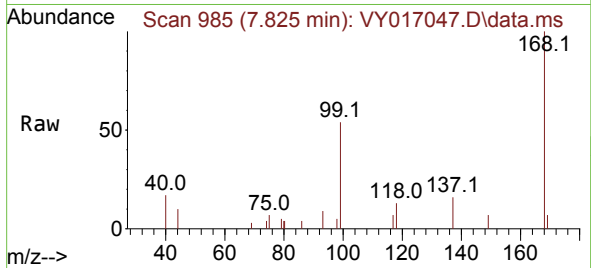




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017047.D
Acq: 19 Jan 2024 11:51

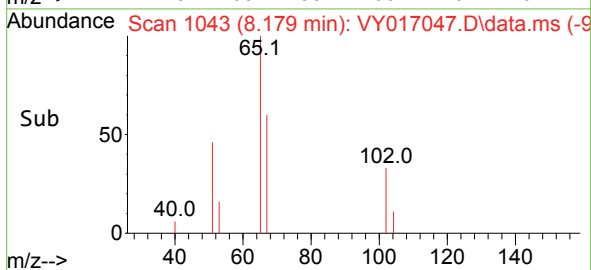
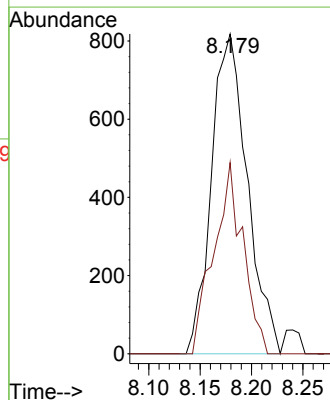
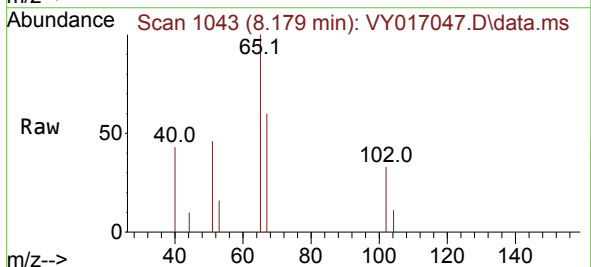
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-011824

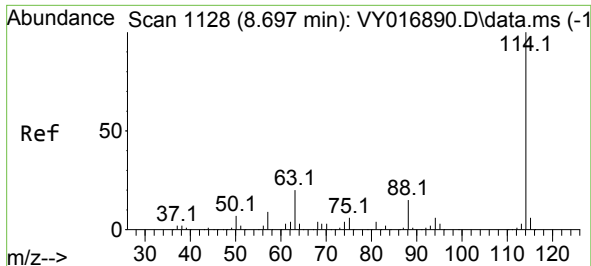
Tgt Ion:168 Resp: 3772
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.137 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.024 min
Lab File: VY017047.D
Acq: 19 Jan 2024 11:51

Tgt Ion: 65 Resp: 1981
Ion Ratio Lower Upper
65 100
67 48.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017047.D

Acq: 19 Jan 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-011824

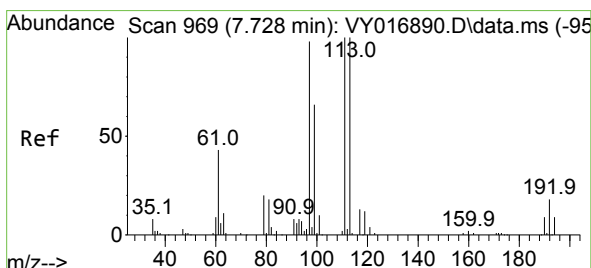
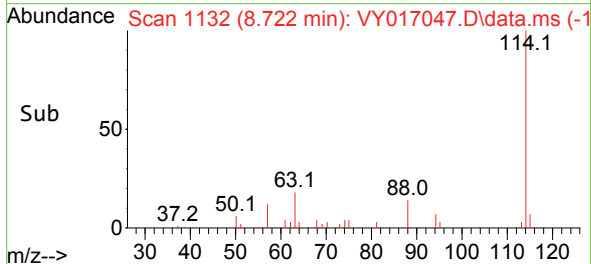
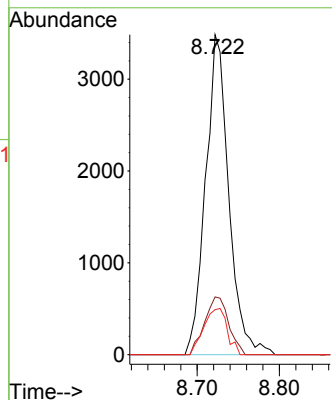
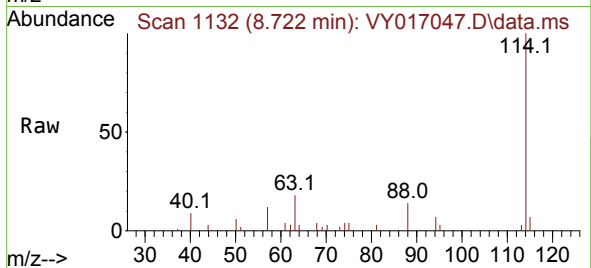
Tgt Ion:114 Resp: 6826

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 14.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 42.186 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY017047.D

Acq: 19 Jan 2024 11:51

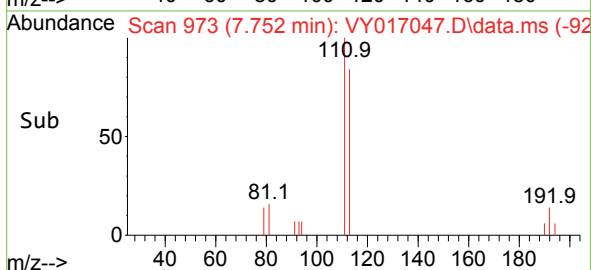
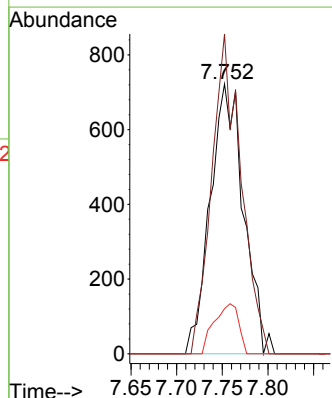
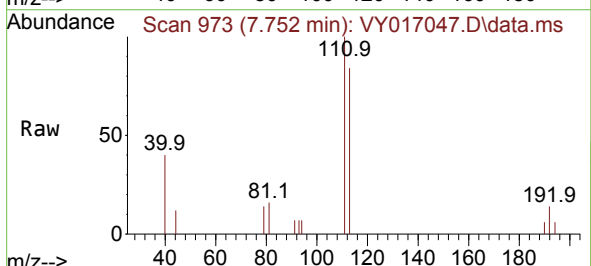
Tgt Ion:113 Resp: 1835

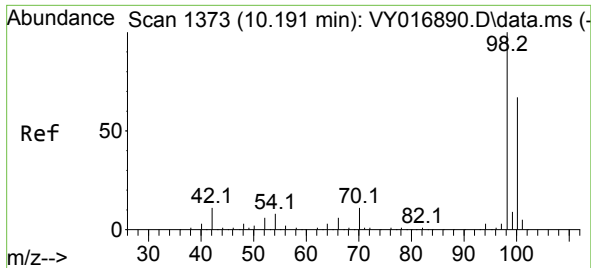
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 13.6 14.5 21.7#

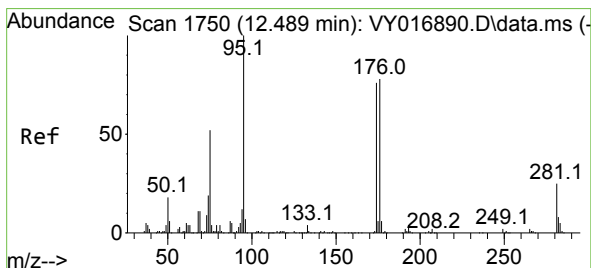
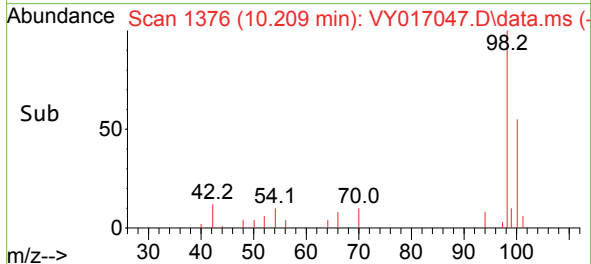
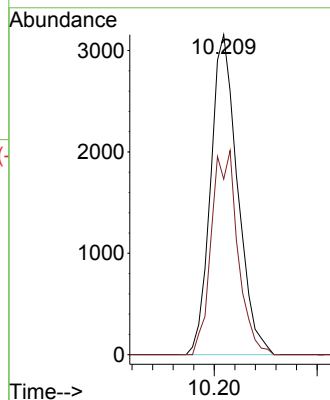
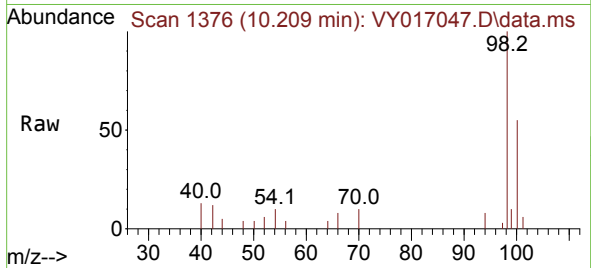




#50
Toluene-d8
Concen: 38.308 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017047.D
Acq: 19 Jan 2024 11:51

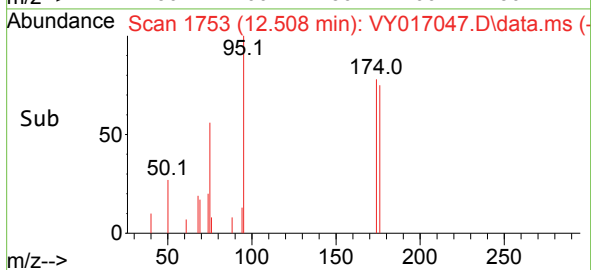
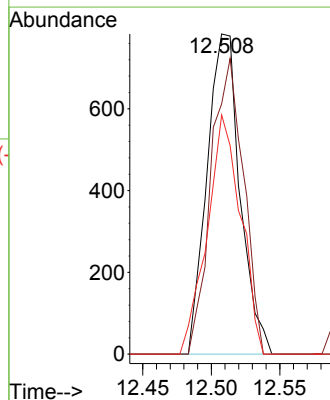
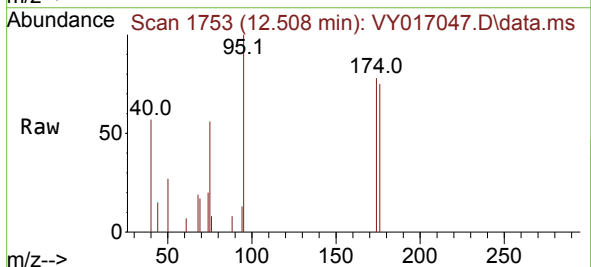
Instrument :
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TR-05-011824

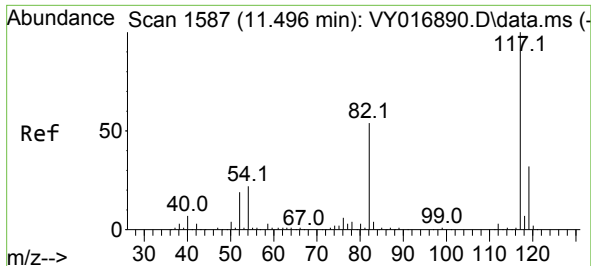
Tgt Ion: 98 Resp: 5738
Ion Ratio Lower Upper
98 100
100 62.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 26.001 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017047.D
Acq: 19 Jan 2024 11:51

Tgt Ion: 95 Resp: 1314
Ion Ratio Lower Upper
95 100
174 90.9 0.0 160.0
176 75.9 0.0 151.8

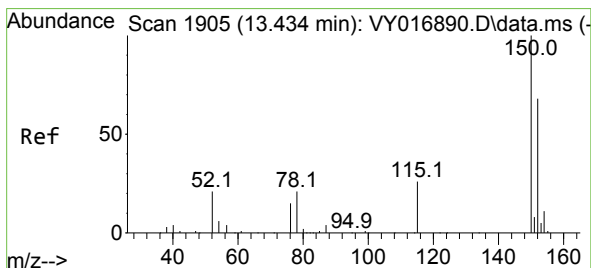
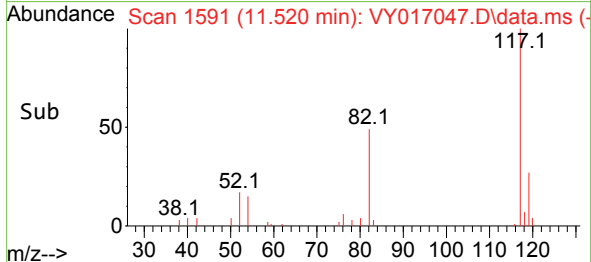
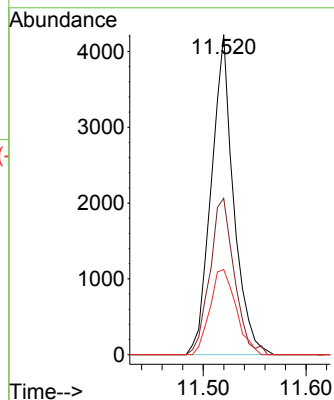
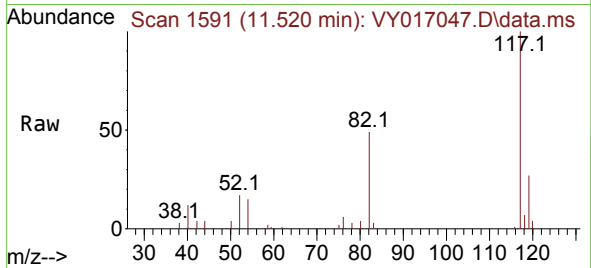




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017047.D
Acq: 19 Jan 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-011824

Tgt Ion:117	Resp:	6361
Ion	Ratio	Lower Upper
117	100	
82	48.9	43.8 65.8
119	26.6	26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017047.D
Acq: 19 Jan 2024 11:51

Tgt Ion:152	Resp:	1351
Ion	Ratio	Lower Upper
152	100	
115	58.0	30.0 90.0
150	161.2	0.0 344.6

