

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017019.D
 Acq On : 17 Jan 2024 18:28
 Operator : SY/MD
 Sample : P1150-01
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-306-0-2

Quant Time: Jan 18 00:46:24 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	97315	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	209877	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	200164	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	63297	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	48334	50.252	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.500%
35) Dibromofluoromethane	7.758	113	51284	38.346	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.700%
50) Toluene-d8	10.209	98	185410	40.259	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.520%
62) 4-Bromofluorobenzene	12.508	95	54842	35.295	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.600%

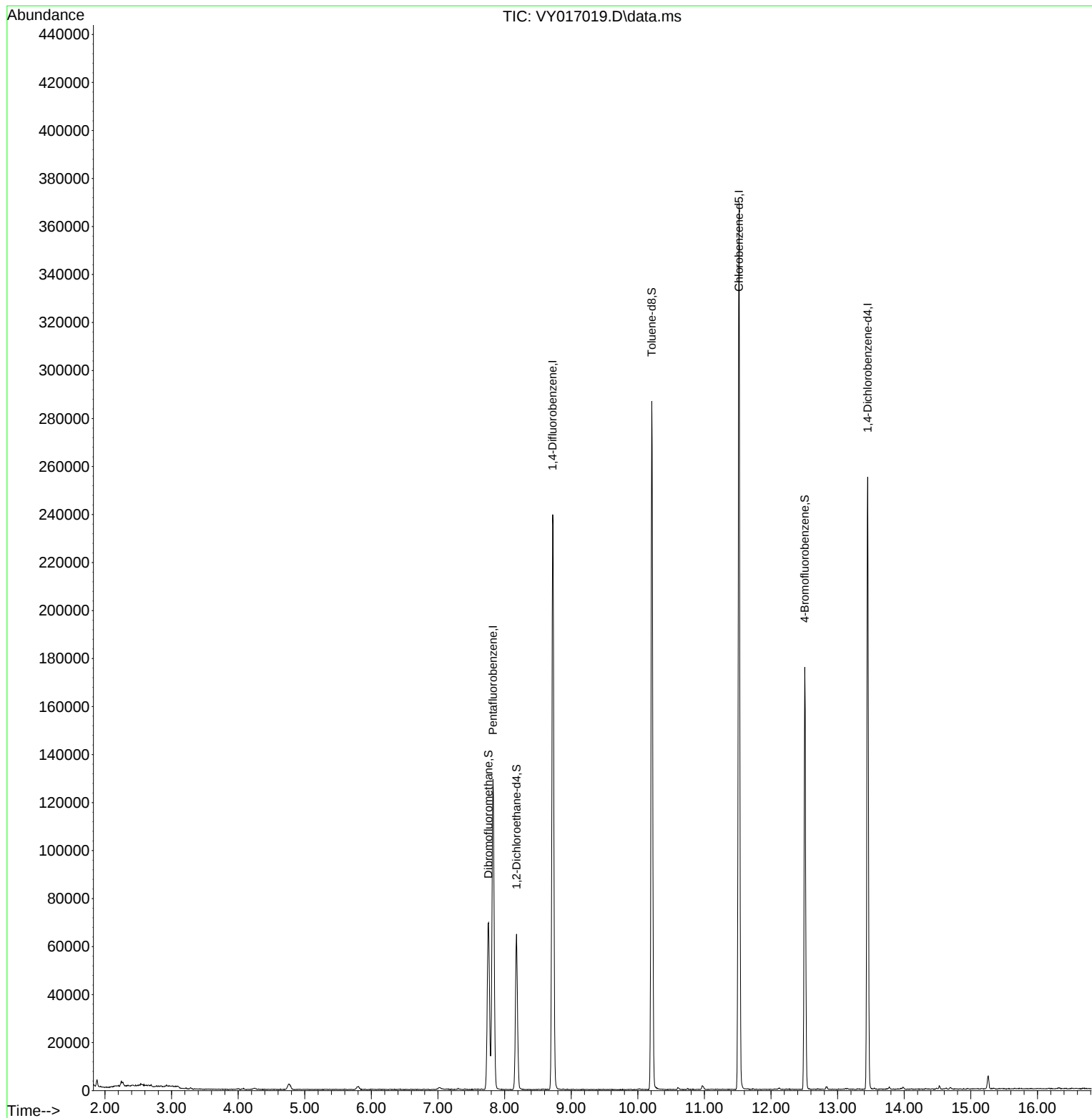
Target Compounds	Qvalue

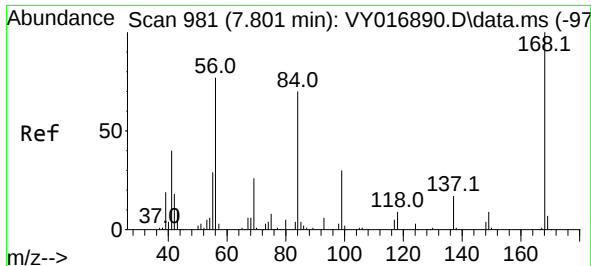
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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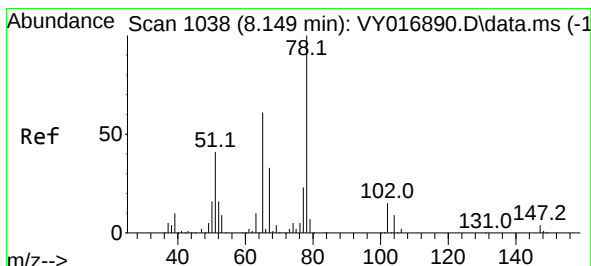
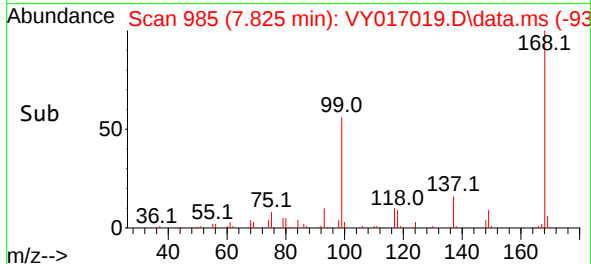
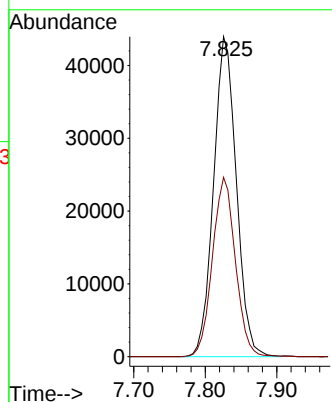
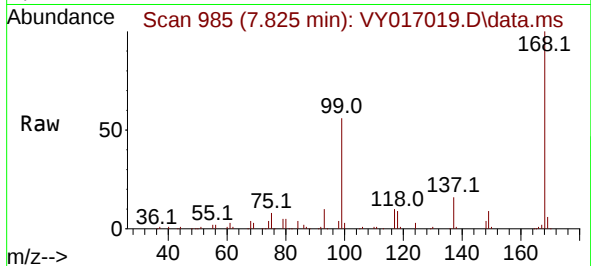




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

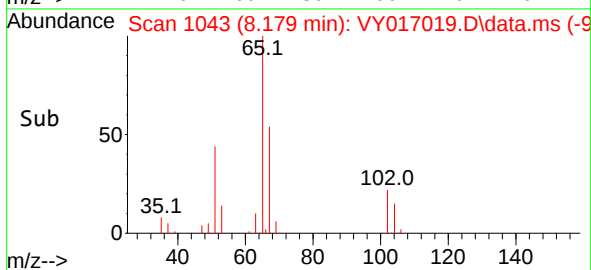
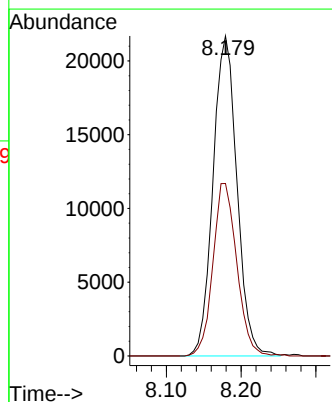
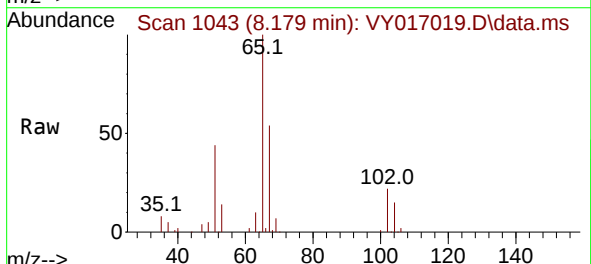
Instrument :
MSVOA_Y
ClientSampleId :
MR-306-0-2

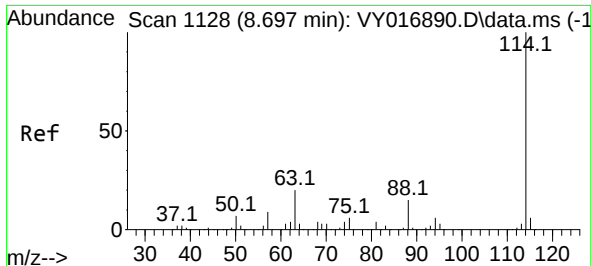
Tgt Ion:168 Resp: 97315
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.252 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.024 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

Tgt Ion: 65 Resp: 48334
Ion Ratio Lower Upper
65 100
67 53.8 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: VY017019.D

Acq: 17 Jan 2024 18:28

Instrument :

MSVOA_Y

ClientSampleId :

MR-306-0-2

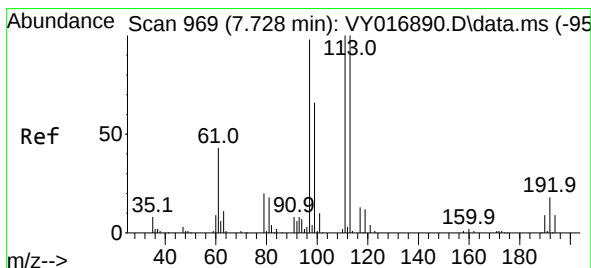
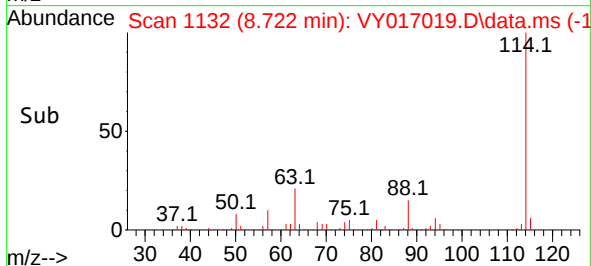
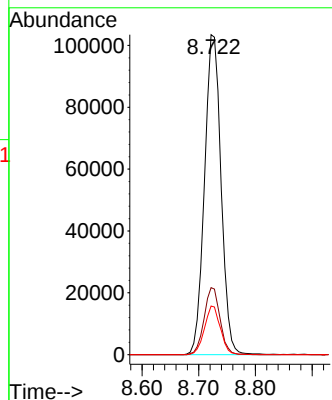
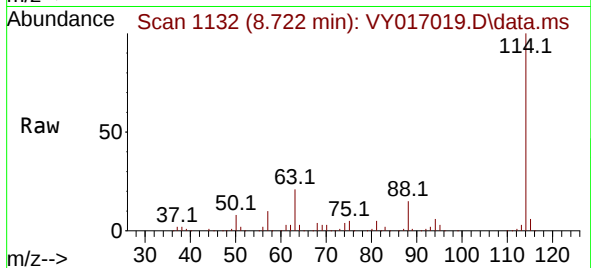
Tgt Ion:114 Resp: 209877

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.346 ug/l

RT: 7.758 min Scan# 974

Delta R.T. 0.030 min

Lab File: VY017019.D

Acq: 17 Jan 2024 18:28

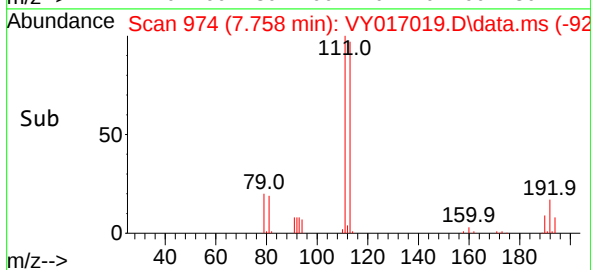
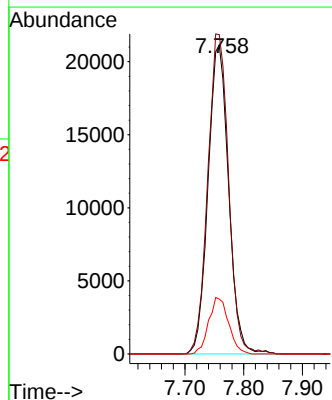
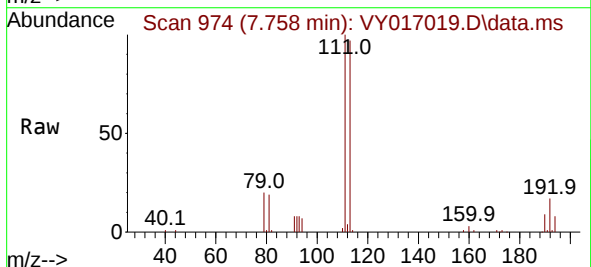
Tgt Ion:113 Resp: 51284

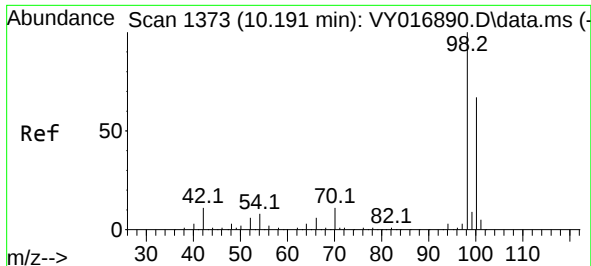
Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

192 17.7 14.5 21.7

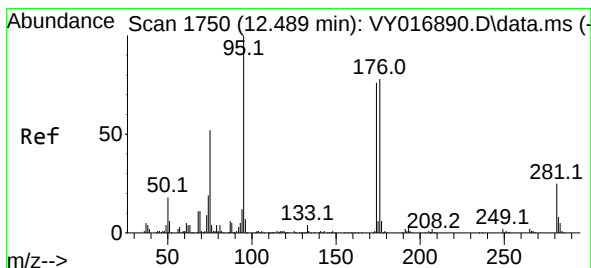
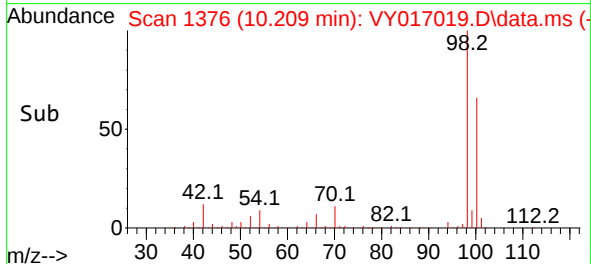
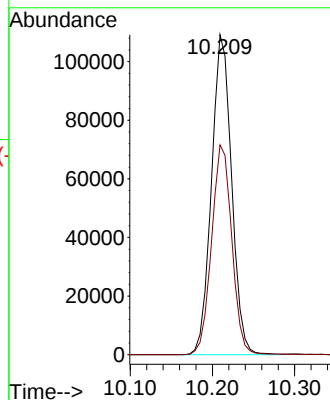
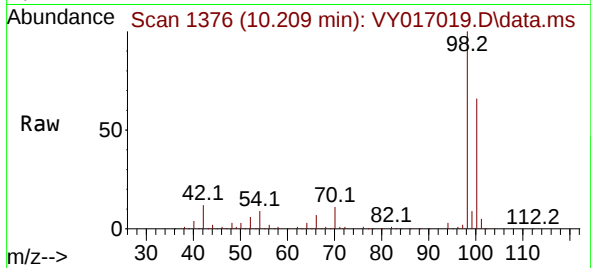




#50
Toluene-d8
Concen: 40.259 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

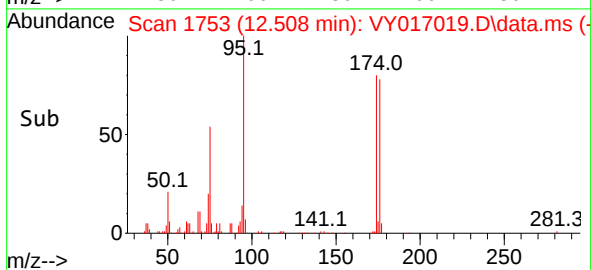
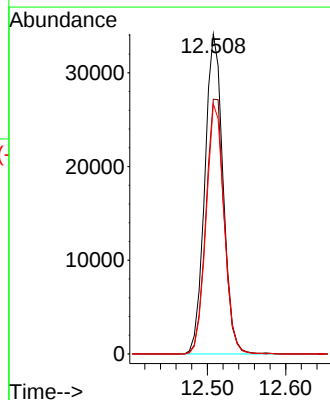
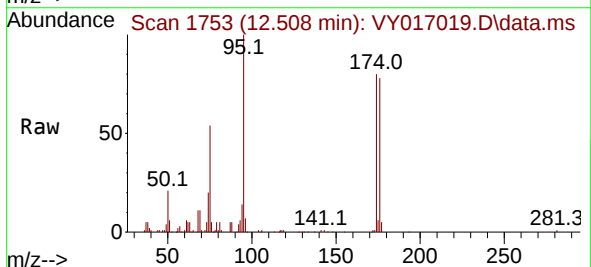
Instrument :
MSVOA_Y
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MR-306-0-2

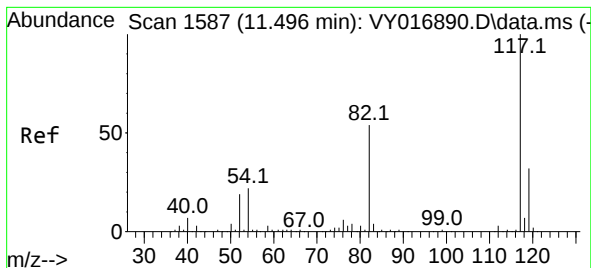
Tgt Ion: 98 Resp: 185410
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 35.295 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017019.D
Acq: 17 Jan 2024 18:28

Tgt Ion: 95 Resp: 54842
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.0
176 77.1 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: VY017019.D

Acq: 17 Jan 2024 18:28

Instrument :

MSVOA_Y

ClientSampleId :

MR-306-0-2

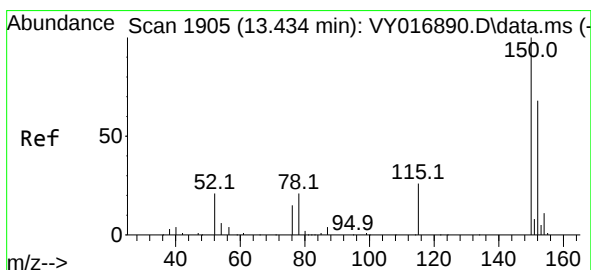
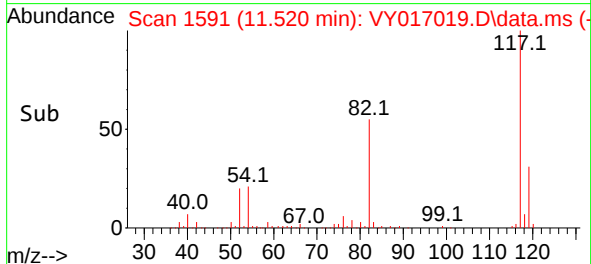
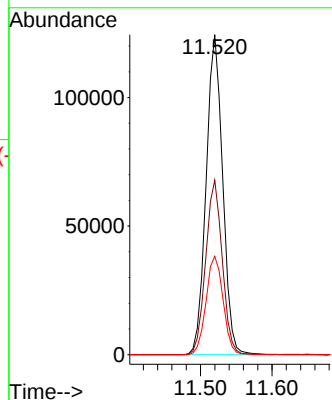
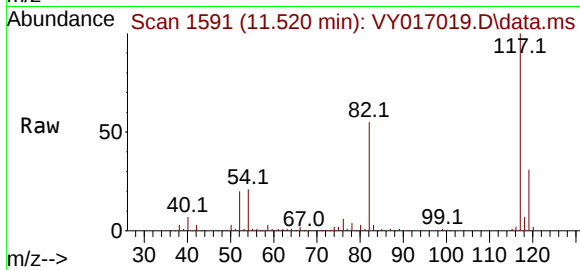
Tgt Ion:117 Resp: 200164

Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

119 30.8 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: VY017019.D

Acq: 17 Jan 2024 18:28

Tgt Ion:152 Resp: 63297

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 159.4 0.0 344.6

