

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018955.D
 Acq On : 09 Aug 2024 10:02
 Operator : SY/MD
 Sample : VY0809SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBL01

Quant Time: Aug 09 23:22:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	65427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	103826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	87015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	40992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	28608	49.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.628	113	33260	50.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.320%
50) Toluene-d8	10.103	98	125305	49.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.408	95	34547	45.717	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.440%

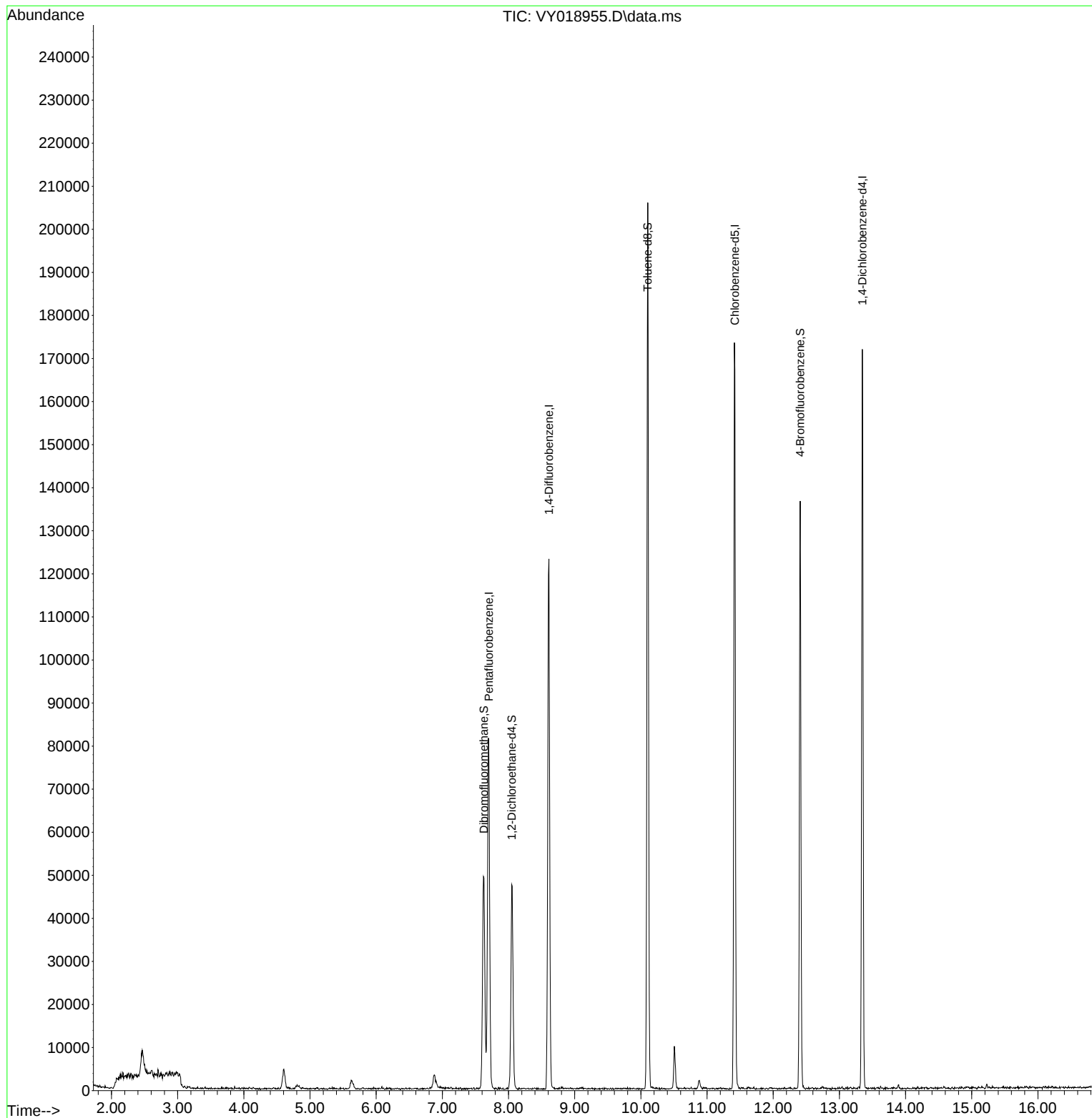
Target Compounds	Qvalue

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

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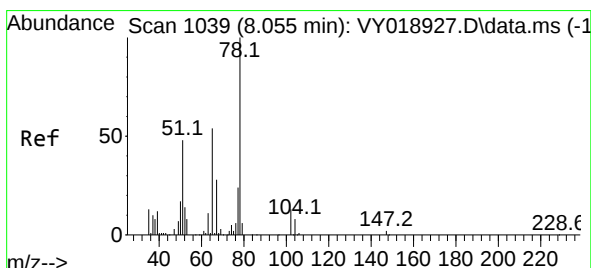
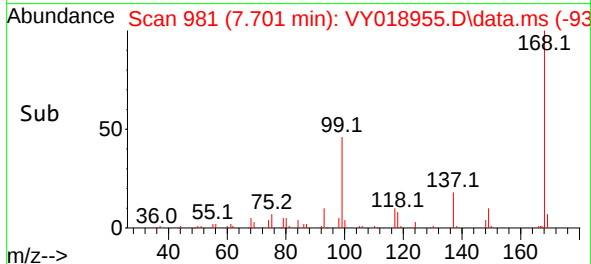
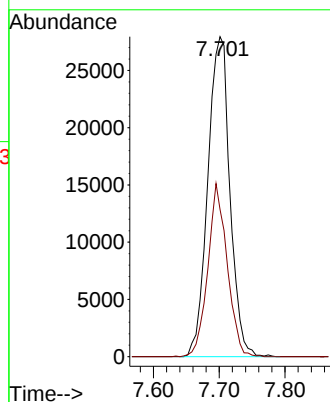
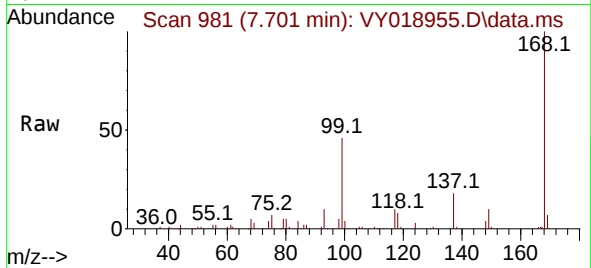




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

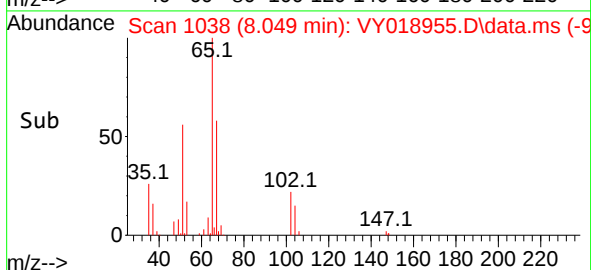
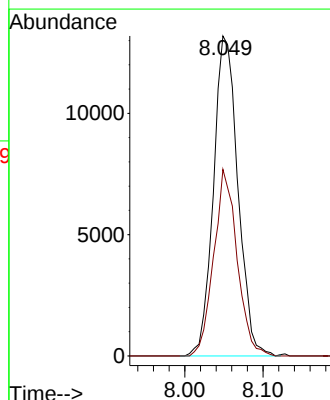
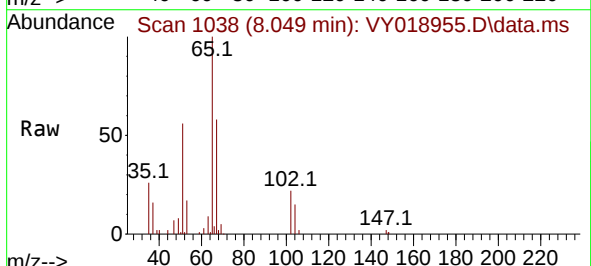
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBL01

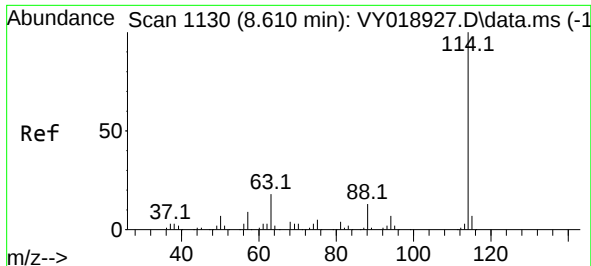
Tgt Ion:168 Resp: 65427
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.801 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

Tgt Ion: 65 Resp: 28608
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.6

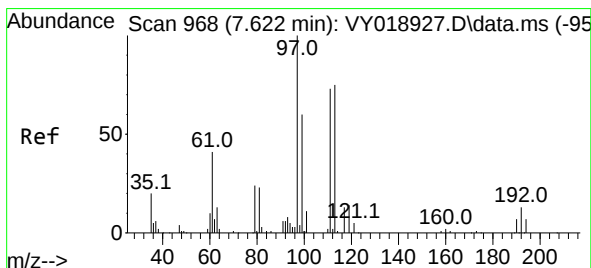
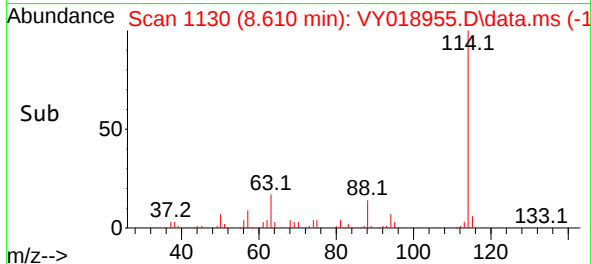
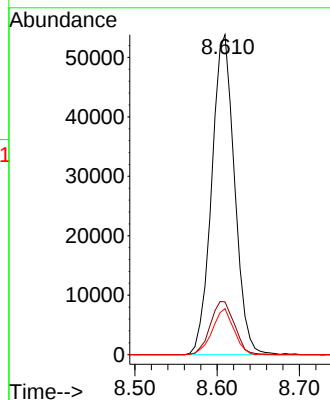
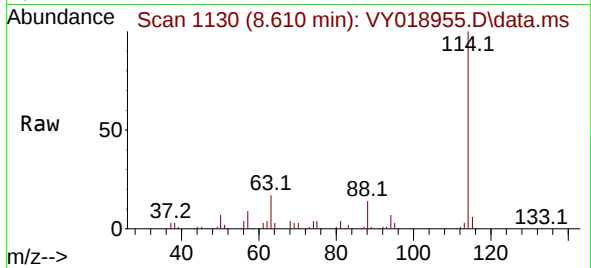




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

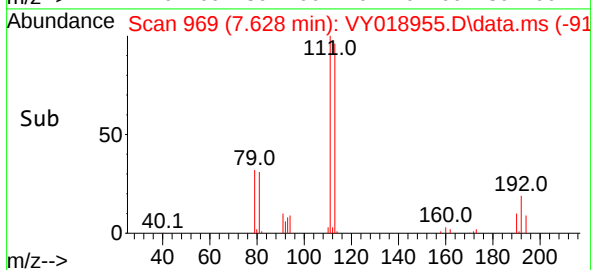
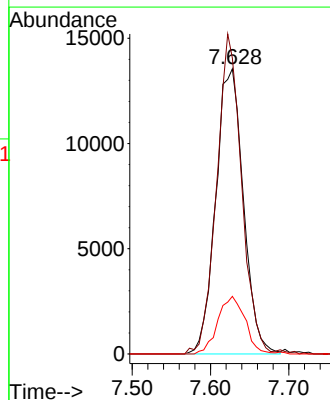
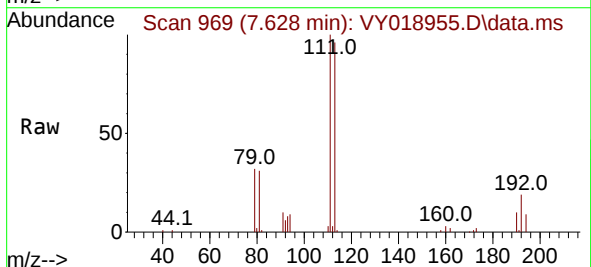
Instrument :
MSVOA_Y
ClientSampleId :
VY0809SBL01

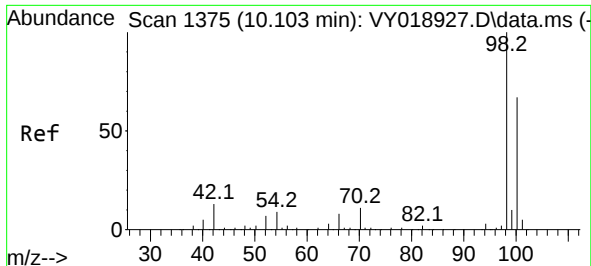
Tgt Ion:114 Resp: 103826
Ion Ratio Lower Upper
114 100
63 16.5 0.0 35.0
88 14.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.157 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

Tgt Ion:113 Resp: 33260
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 20.1 15.9 23.9

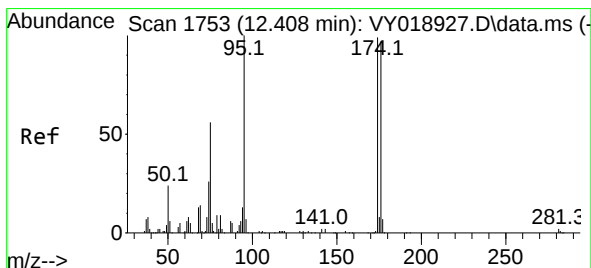
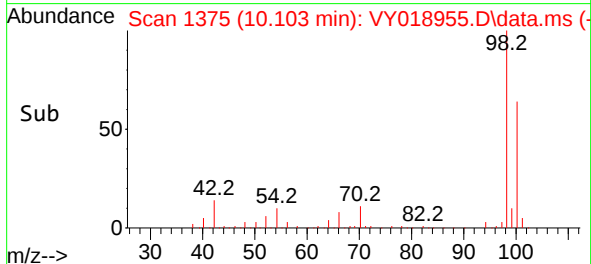
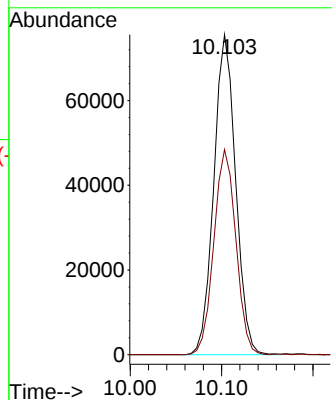
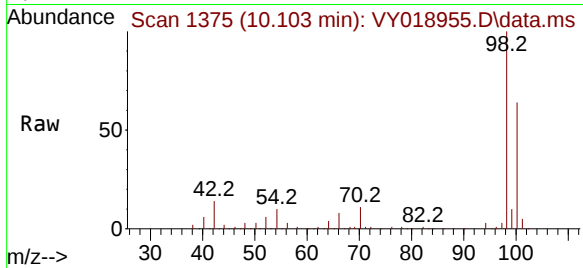




#50
Toluene-d8
Concen: 49.195 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

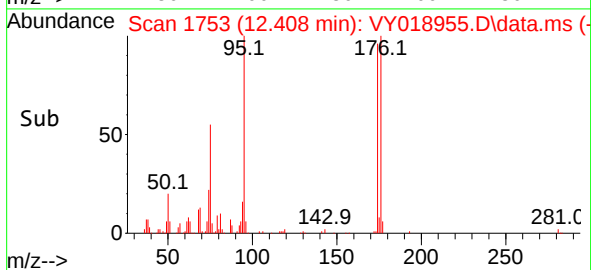
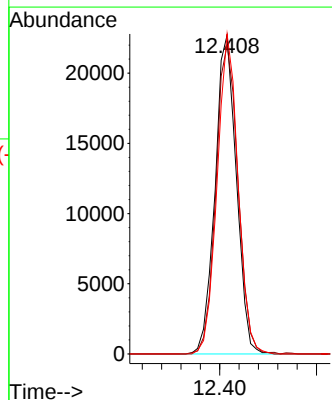
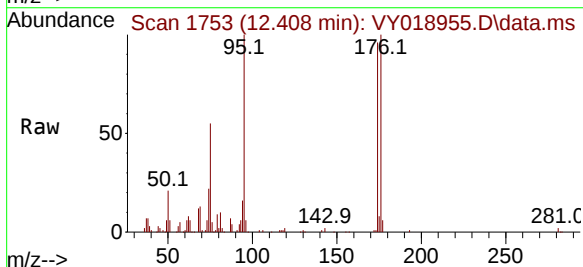
Instrument :
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ClientSampleId :
VY0809SBL01

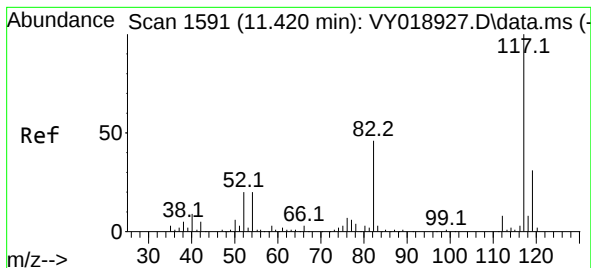
Tgt Ion: 98 Resp: 125305
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.717 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018955.D
Acq: 09 Aug 2024 10:02

Tgt Ion: 95 Resp: 34547
Ion Ratio Lower Upper
95 100
174 100.7 0.0 175.6
176 98.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018955.D

Acq: 09 Aug 2024 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0809SBL01

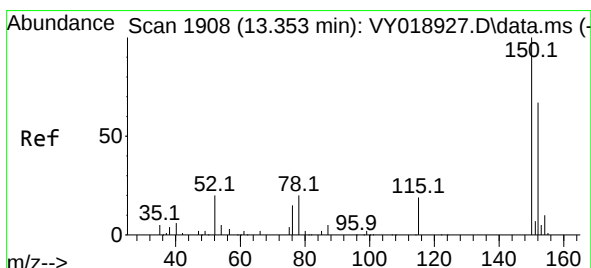
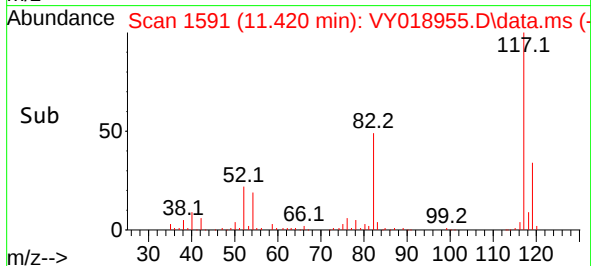
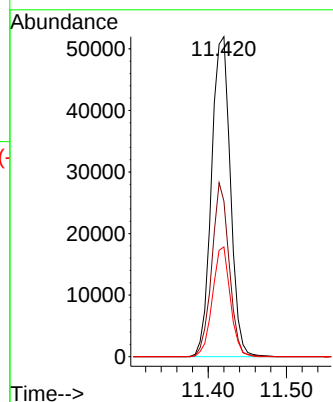
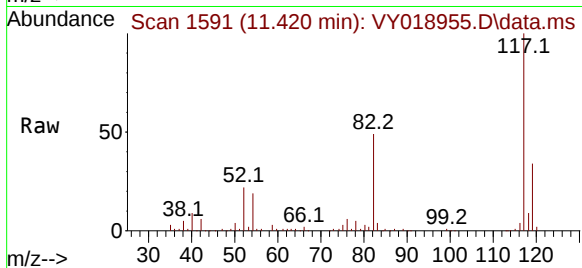
Tgt Ion:117 Resp: 87015

Ion Ratio Lower Upper

117 100

82 48.6 42.4 63.6

119 34.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY018955.D

Acq: 09 Aug 2024 10:02

Tgt Ion:152 Resp: 40992

Ion Ratio Lower Upper

152 100

115 51.9 28.2 84.7

150 154.1 0.0 345.6

