

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
 Data File : VY021227.D
 Acq On : 18 Feb 2025 10:55
 Operator : SY/MD
 Sample : VY0218SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBL01

Quant Time: Feb 19 04:12:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	194901	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	363560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	324815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	116914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105659	52.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.820%
35) Dibromofluoromethane	7.652	113	115474	49.561	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.121	98	446850	50.376	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.420	95	132746	45.808	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.620%

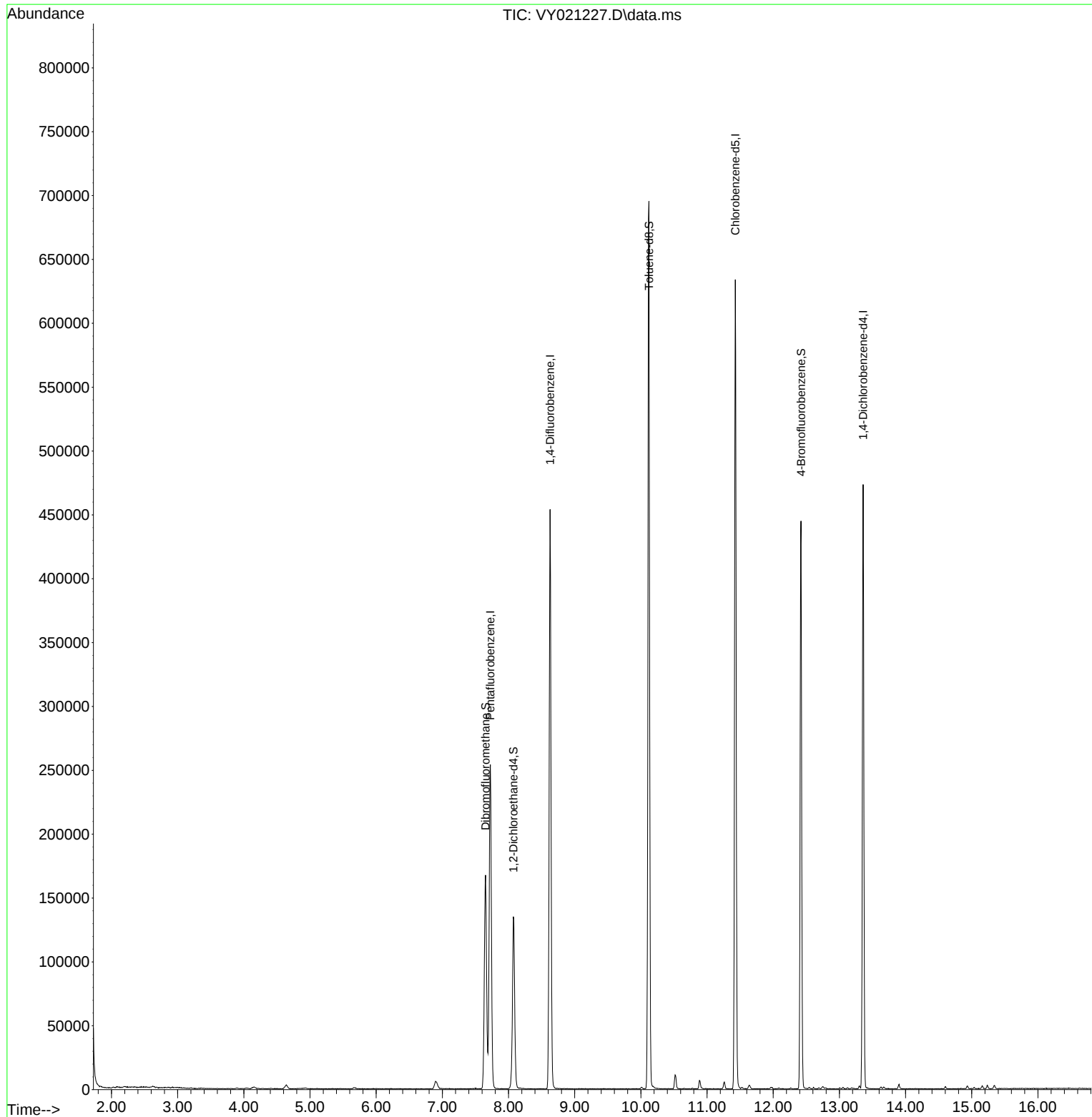
Target Compounds	Qvalue

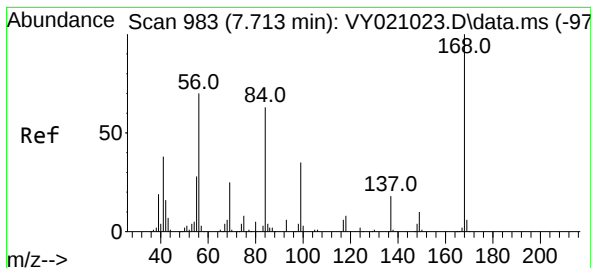
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.725 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY021227.D

Acq: 18 Feb 2025 10:55

Instrument :

MSVOA_Y

ClientSampleId :

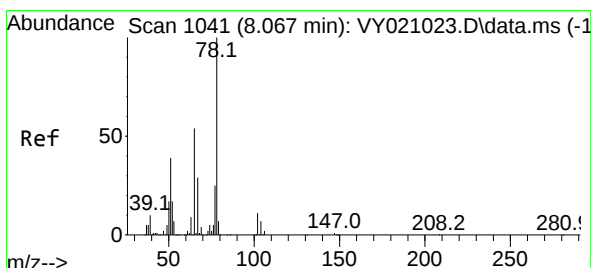
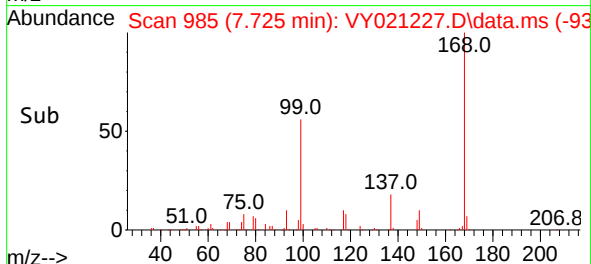
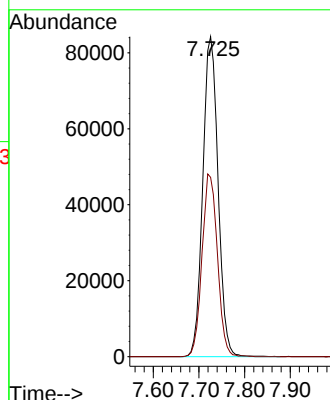
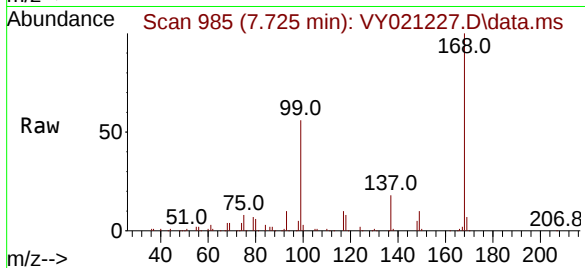
VY0218SBL01

Tgt Ion:168 Resp: 194901

Ion Ratio Lower Upper

168 100

99 56.1 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 52.911 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY021227.D

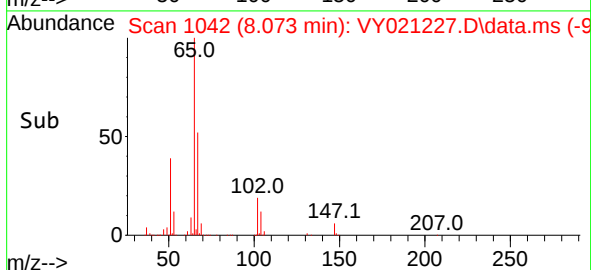
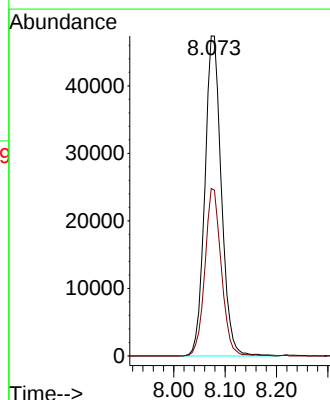
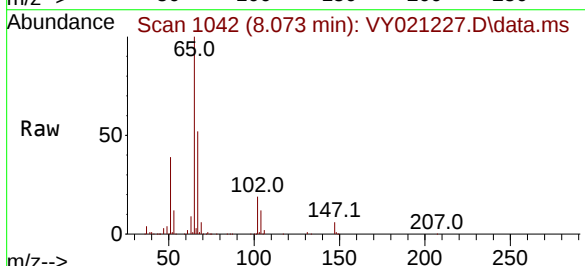
Acq: 18 Feb 2025 10:55

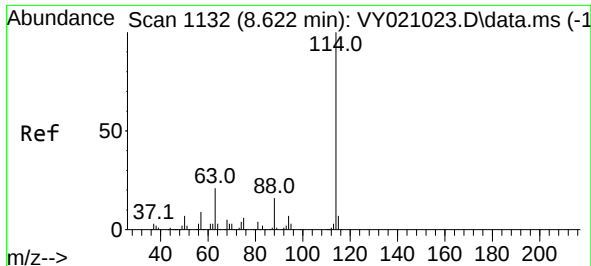
Tgt Ion: 65 Resp: 105659

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.0

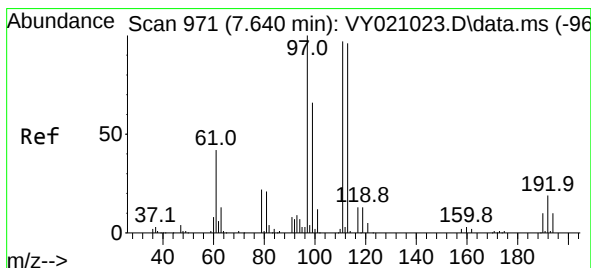
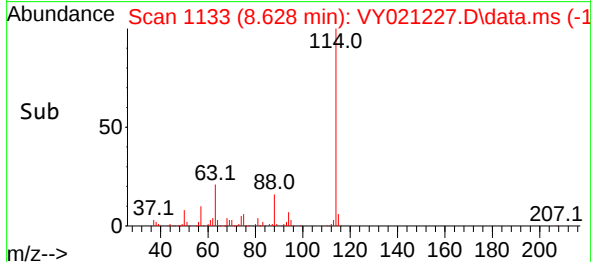
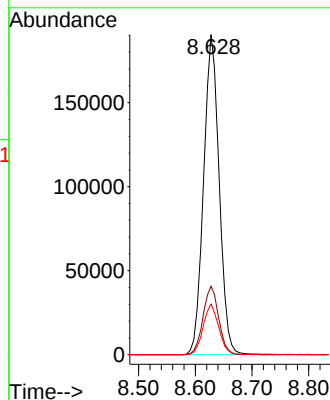
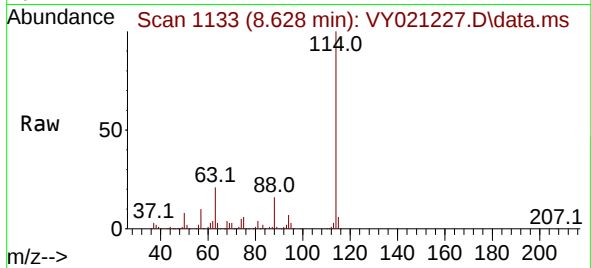




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

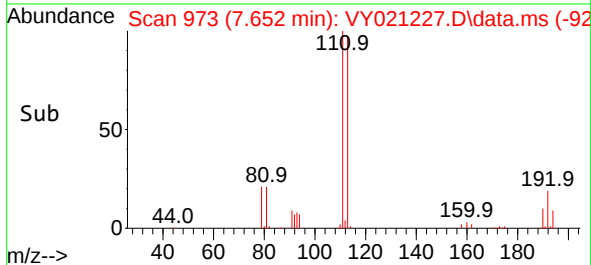
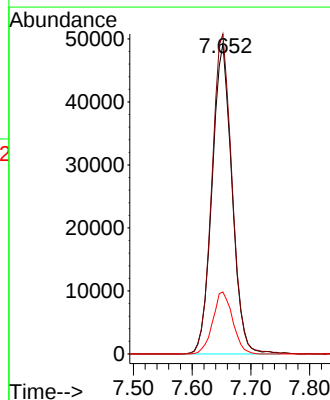
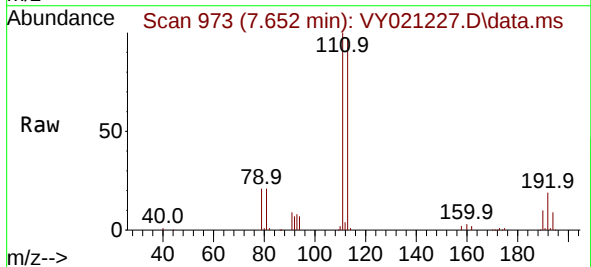
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

Tgt Ion:114 Resp: 363560
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.4
88 15.8 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.561 ug/l
RT: 7.652 min Scan# 973
Delta R.T. 0.012 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

Tgt Ion:113 Resp: 115474
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 20.0 14.5 21.7

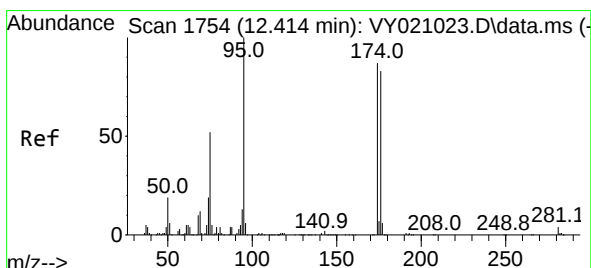
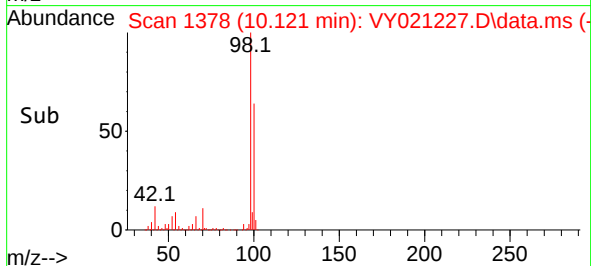
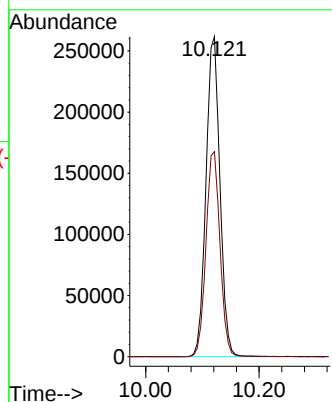
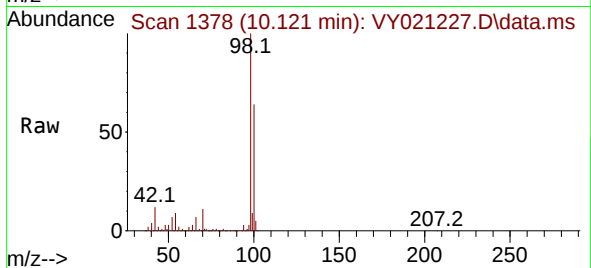




#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.121 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

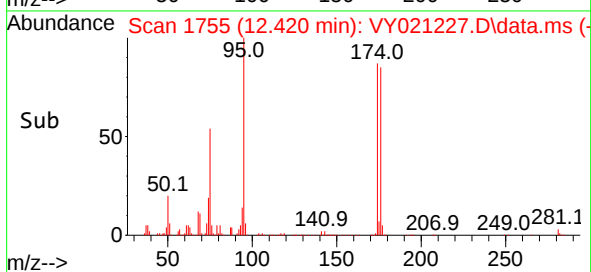
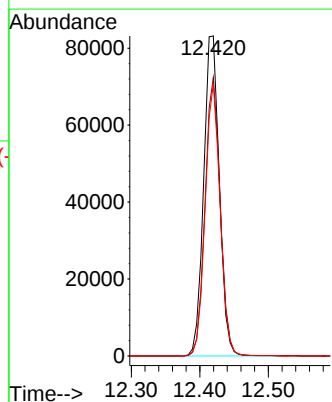
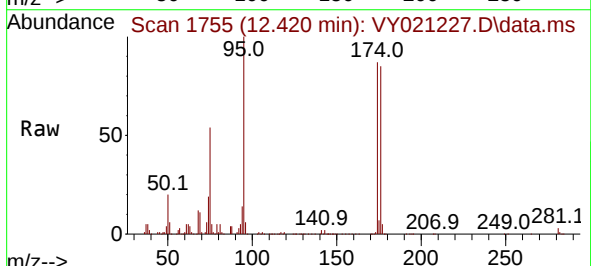
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

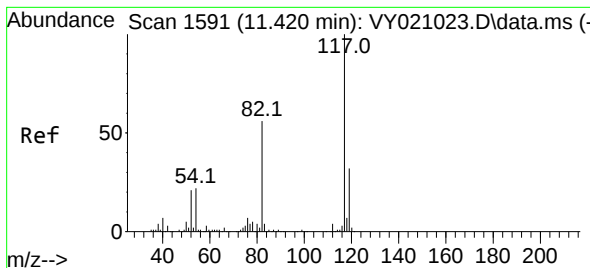
Tgt Ion: 98 Resp: 446850
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.808 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY021227.D
Acq: 18 Feb 2025 10:55

Tgt Ion: 95 Resp: 132746
Ion Ratio Lower Upper
95 100
174 84.3 0.0 160.0
176 81.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021227.D

Acq: 18 Feb 2025 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBL01

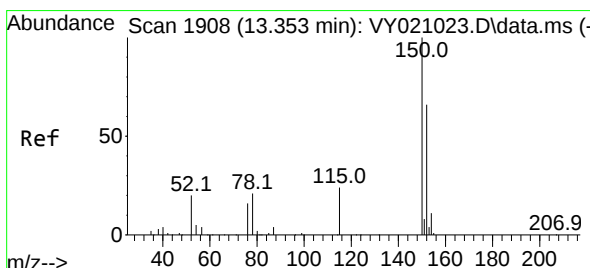
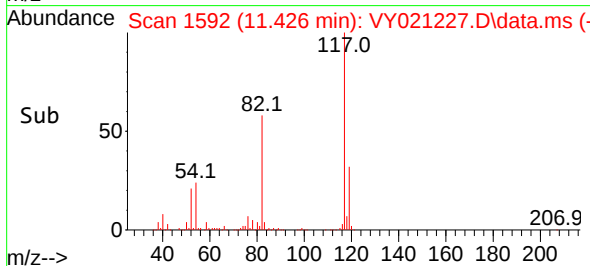
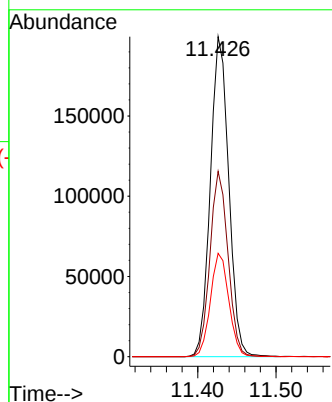
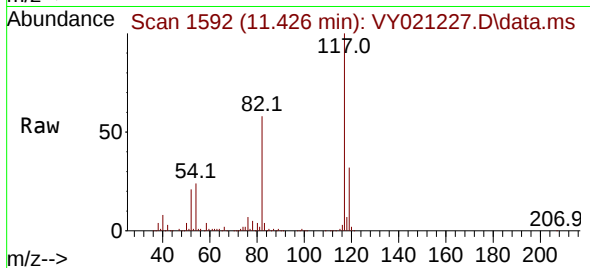
Tgt Ion:117 Resp: 324815

Ion Ratio Lower Upper

117 100

82 57.9 43.8 65.8

119 32.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021227.D

Acq: 18 Feb 2025 10:55

Tgt Ion:152 Resp: 116914

Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 155.7 0.0 344.6

