

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019428.D
 Acq On : 03 Sep 2024 14:50
 Operator : SY/MD
 Sample : P3794-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-857

Quant Time: Sep 04 01:35:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	1256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	928	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	110	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	729	61.278	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.560%
35) Dibromofluoromethane	7.640	113	708	60.239	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.480%
50) Toluene-d8	10.103	98	2001	46.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.414	95	153	10.933	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	21.860%#

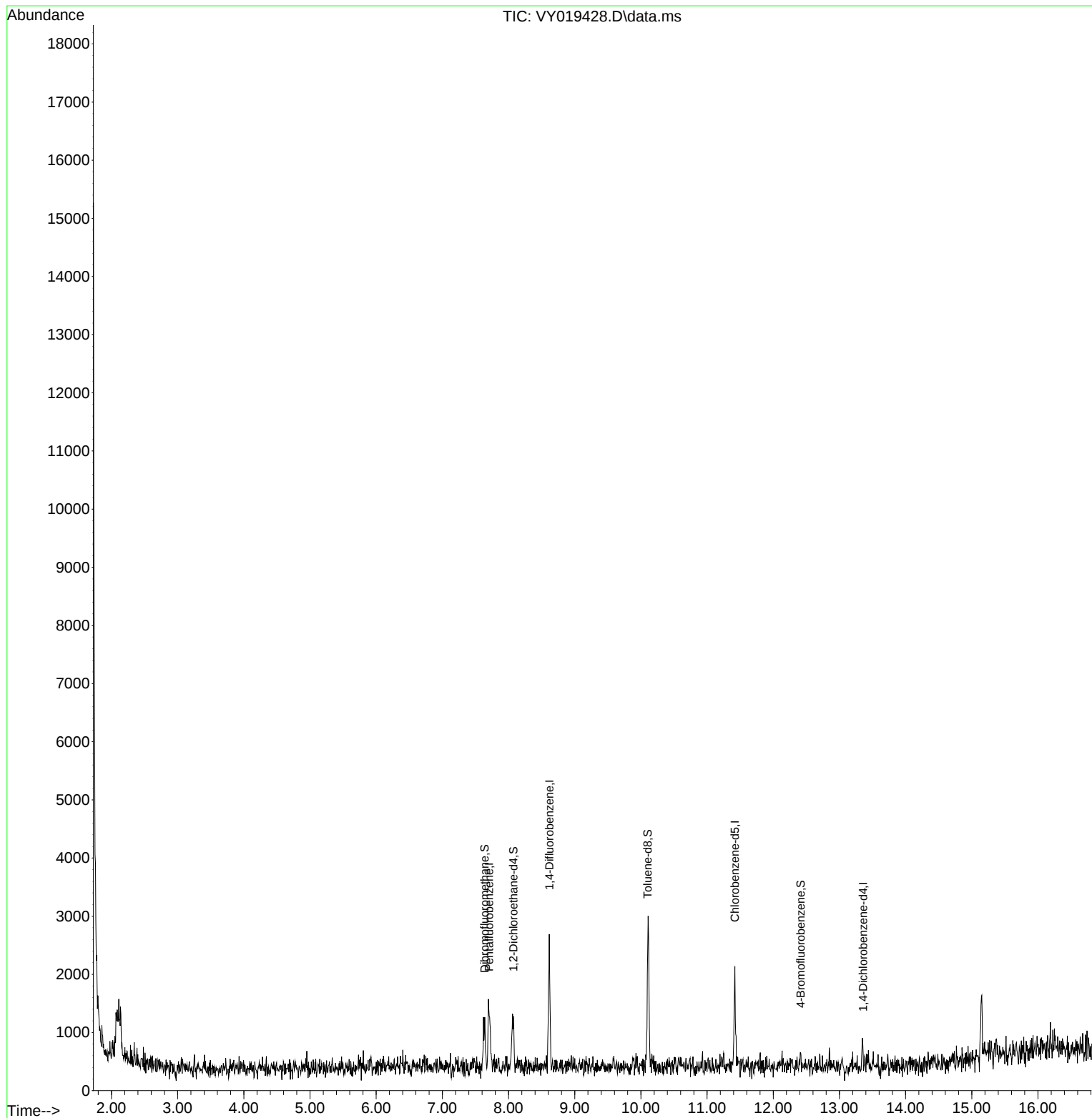
Target Compounds	Qvalue

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

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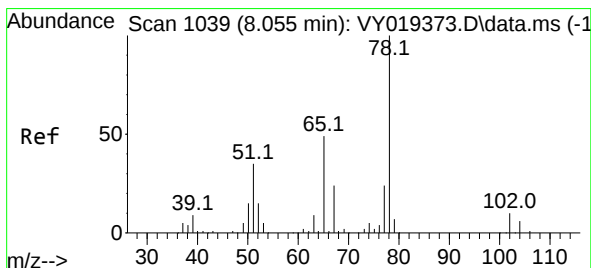
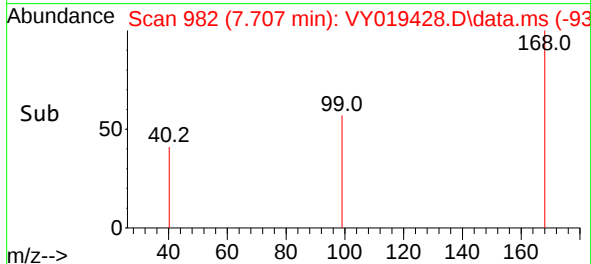
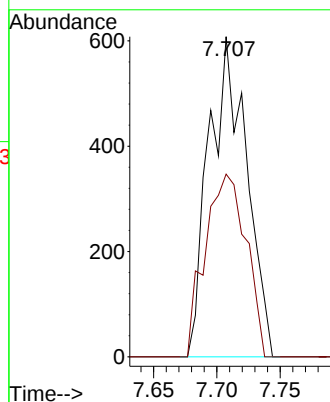
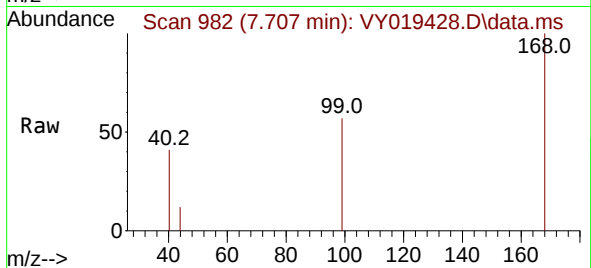




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019428.D
Acq: 03 Sep 2024 14:50

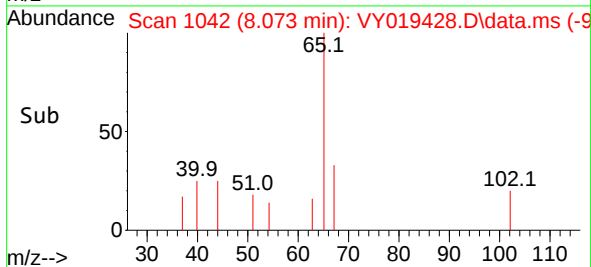
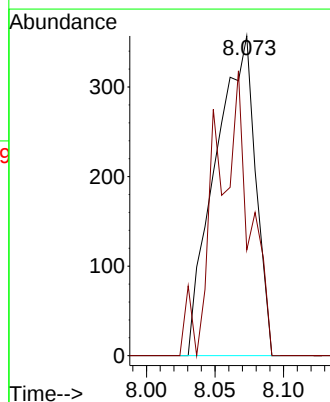
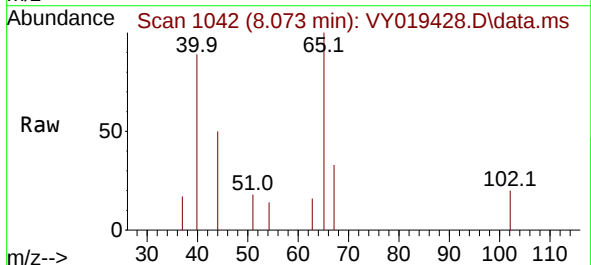
Instrument :
MSVOA_Y
ClientSampleId :
RT-857

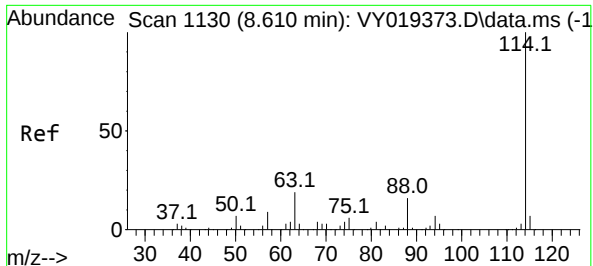
Tgt Ion:168 Resp: 1256
Ion Ratio Lower Upper
168 100
99 57.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 61.278 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY019428.D
Acq: 03 Sep 2024 14:50

Tgt Ion: 65 Resp: 729
Ion Ratio Lower Upper
65 100
67 75.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019428.D

Acq: 03 Sep 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

RT-857

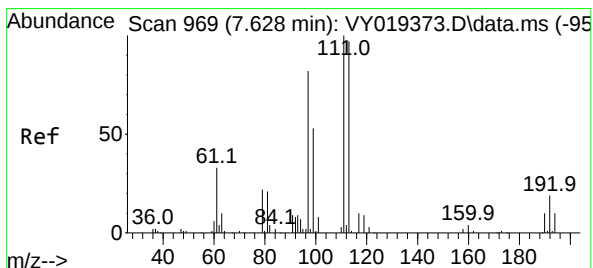
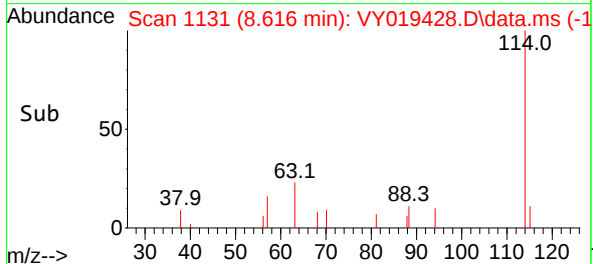
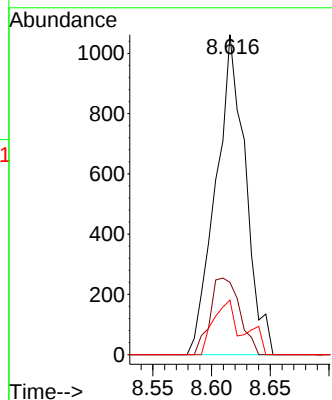
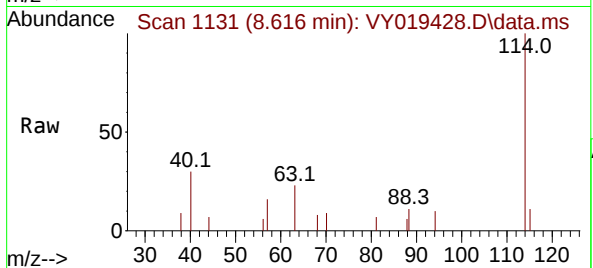
Tgt Ion:114 Resp: 1859

Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.0

88 17.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.239 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY019428.D

Acq: 03 Sep 2024 14:50

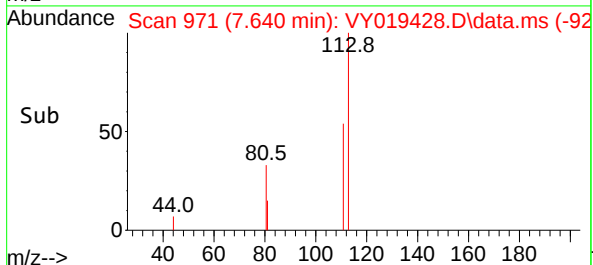
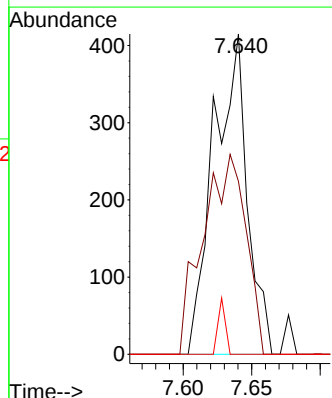
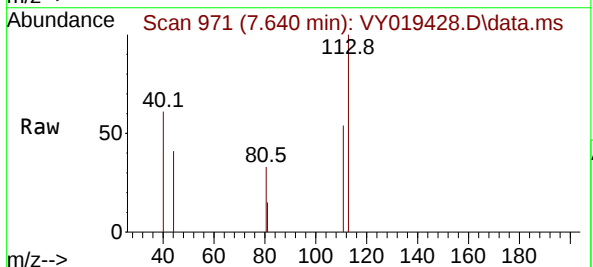
Tgt Ion:113 Resp: 708

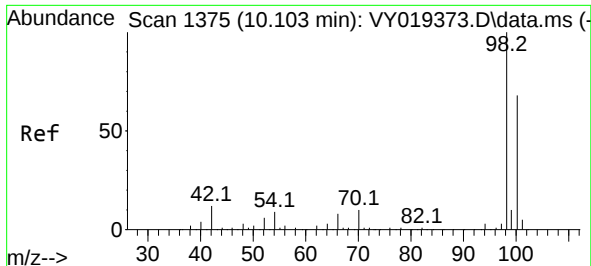
Ion Ratio Lower Upper

113 100

111 79.8 82.2 123.4#

192 3.8 15.9 23.9#





#50

Toluene-d8

Concen: 46.249 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019428.D

Acq: 03 Sep 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

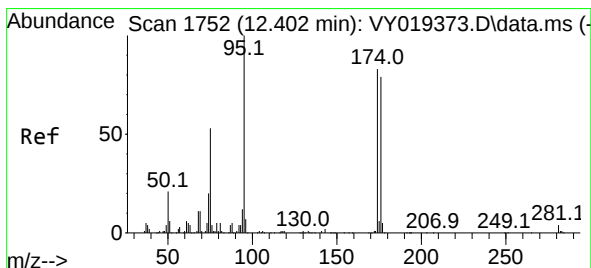
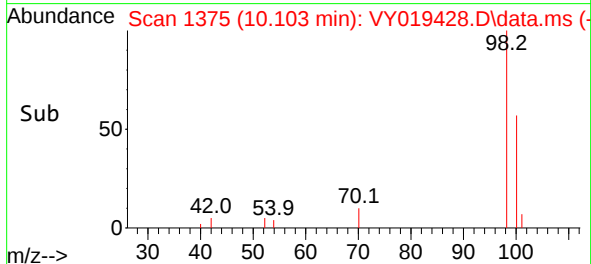
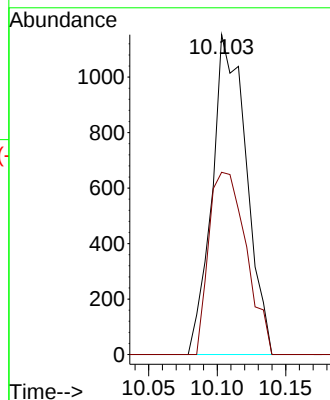
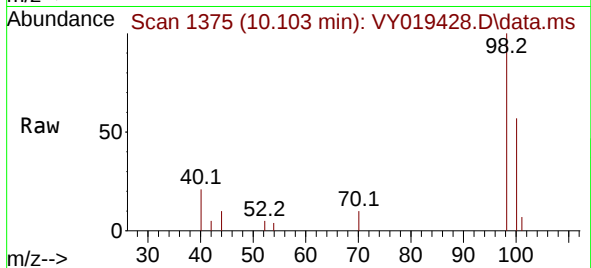
RT-857

Tgt Ion: 98 Resp: 2001

Ion Ratio Lower Upper

98 100

100 62.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 10.933 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY019428.D

Acq: 03 Sep 2024 14:50

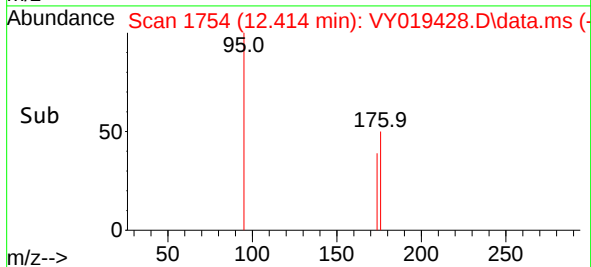
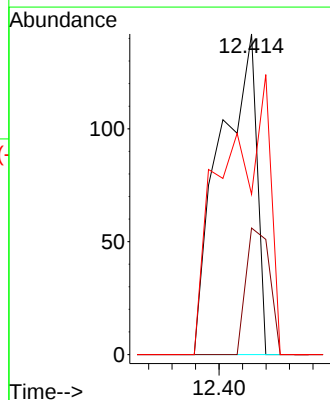
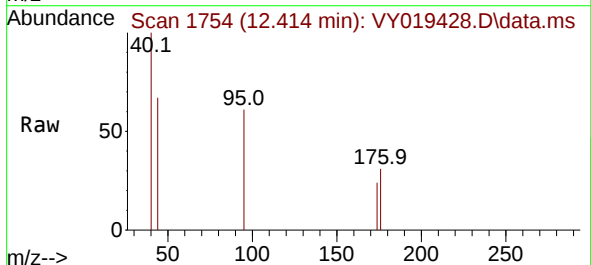
Tgt Ion: 95 Resp: 153

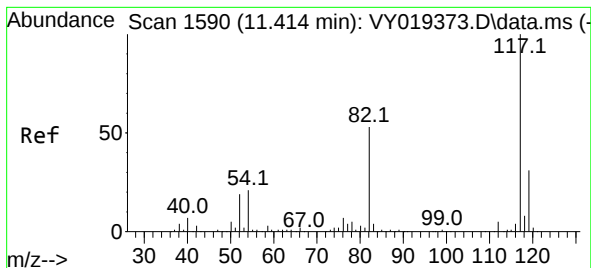
Ion Ratio Lower Upper

95 100

174 25.5 0.0 175.6

176 108.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019428.D

Acq: 03 Sep 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

RT-857

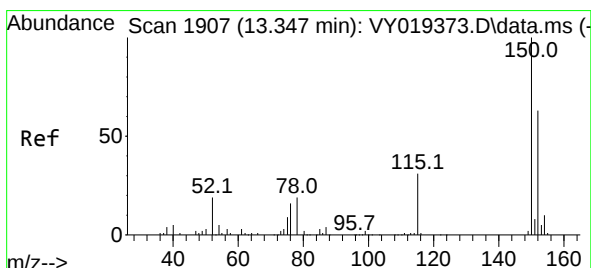
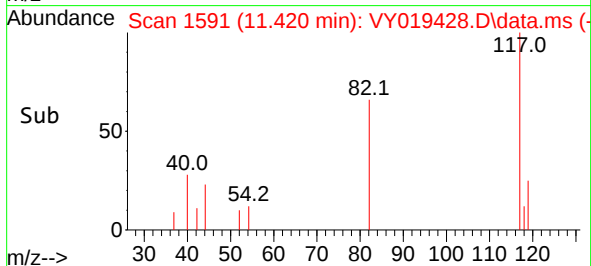
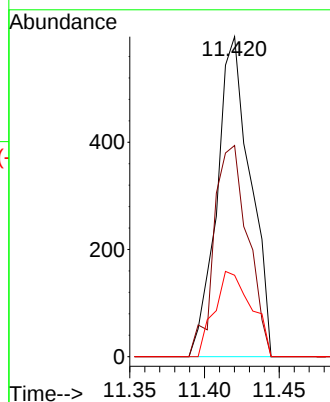
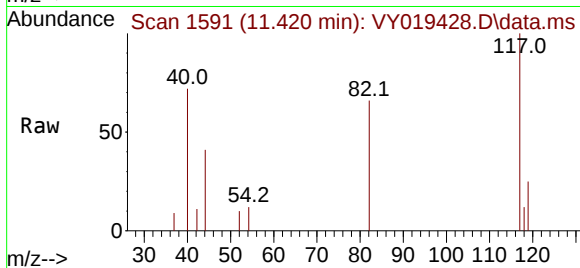
Tgt Ion:117 Resp: 928

Ion Ratio Lower Upper

117 100

82 66.0 42.4 63.6#

119 25.5 25.9 38.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY019428.D

Acq: 03 Sep 2024 14:50

Tgt Ion:152 Resp: 110

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 258.2 0.0 345.6

