

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019642.D
 Acq On : 20 Sep 2024 13:49
 Operator : SY/MD
 Sample : P4098-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-091724RE

Quant Time: Sep 20 15:23:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	14509	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	25164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	17026	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.341	152	3351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	6549	48.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.500%
35) Dibromofluoromethane	7.628	113	6886	48.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.520%
50) Toluene-d8	10.103	98	27145	51.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.402	95	5620	27.697	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	55.400%

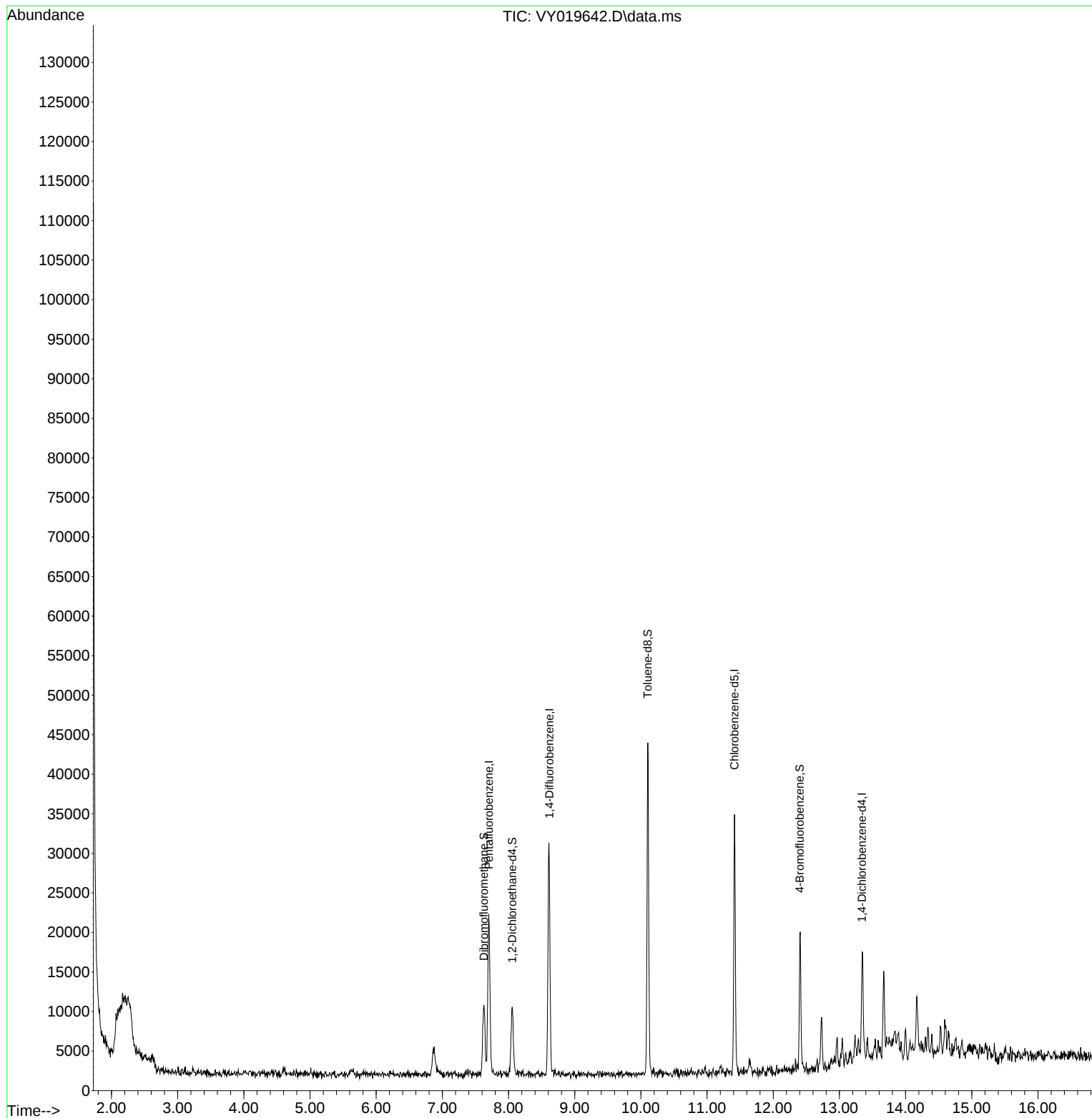
Target Compounds	Qvalue

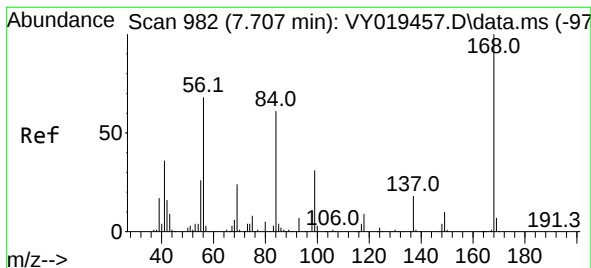
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY019642.D

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Instrument :

MSVOA_Y

ClientSampleId :

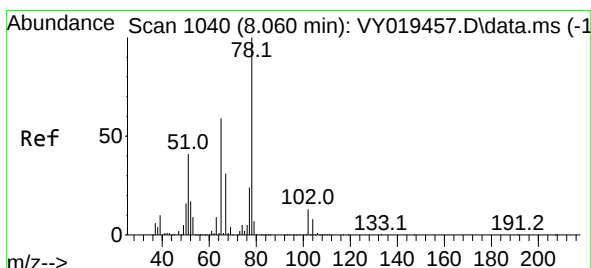
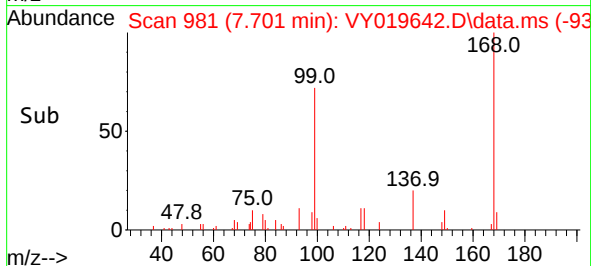
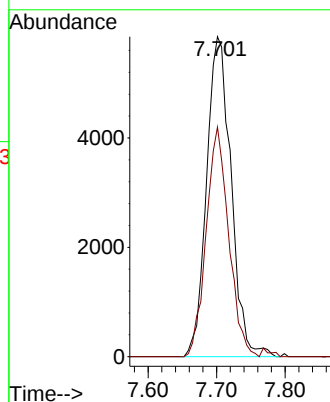
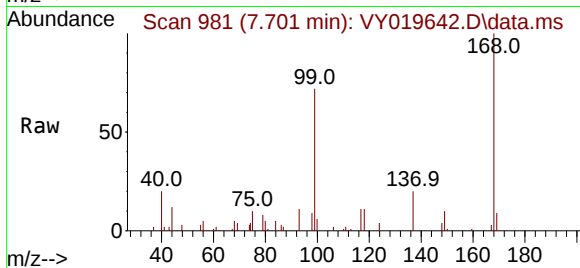
HR-04-091724RE

Tgt Ion:168 Resp: 14509

Ion Ratio Lower Upper

168 100

99 71.8 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 48.746 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY019642.D

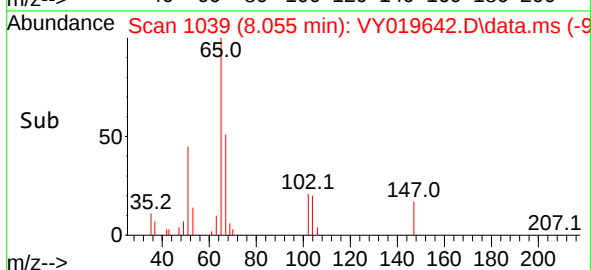
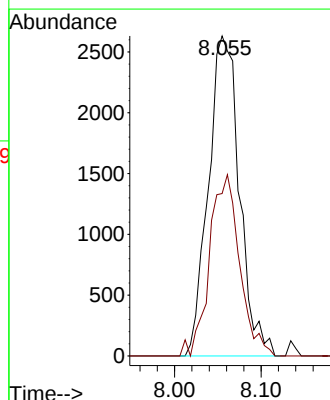
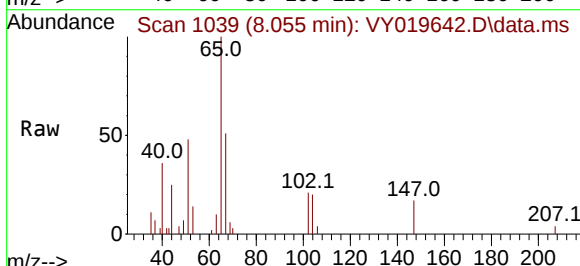
Acq: 20 Sep 2024 13:49

Tgt Ion: 65 Resp: 6549

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6

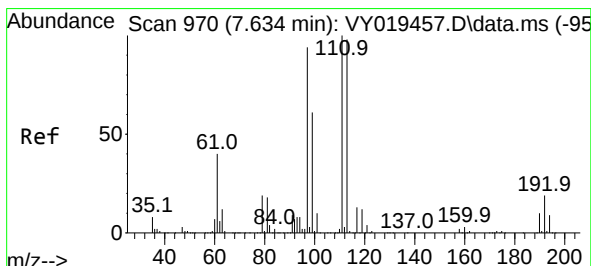
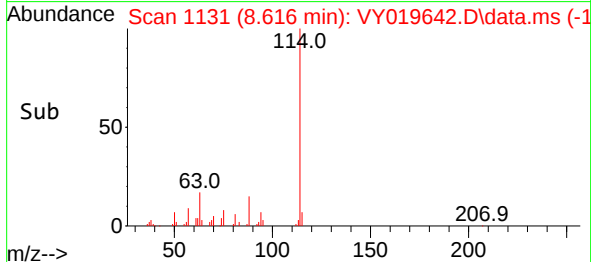
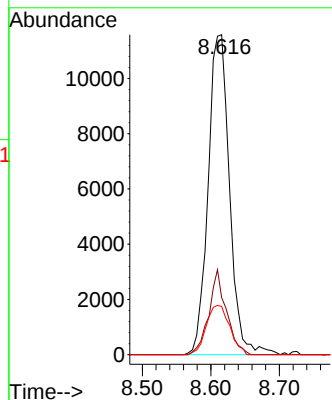
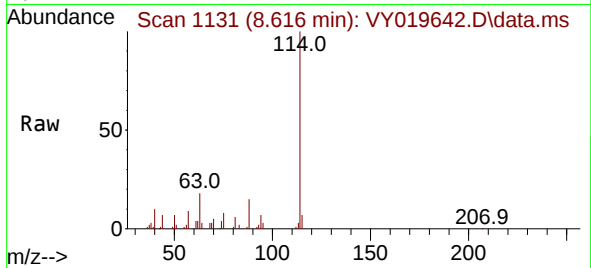




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019642.D
Acq: 20 Sep 2024 13:49

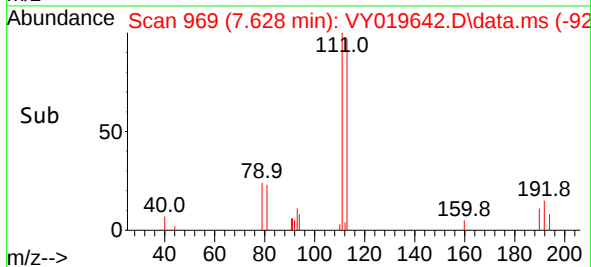
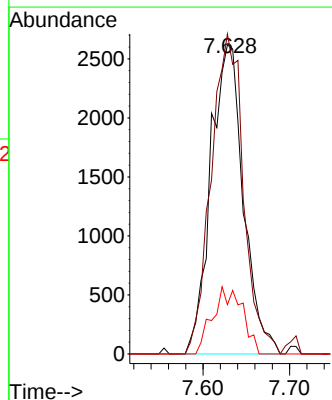
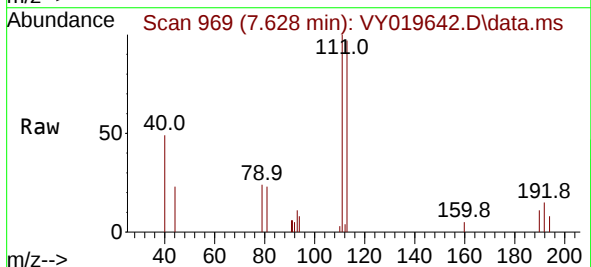
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-091724RE

Tgt Ion:	114	Resp:	25164
Ion Ratio	Lower	Upper	
114	100		
63	17.8	0.0	35.0
88	15.1	0.0	27.2



#35
Dibromofluoromethane
Concen: 48.263 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019642.D
Acq: 20 Sep 2024 13:49

Tgt Ion:	113	Resp:	6886
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.2	123.4
192	19.6	15.9	23.9

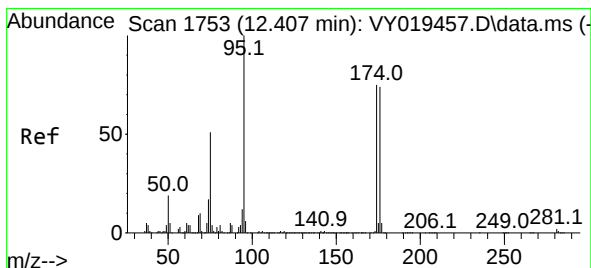
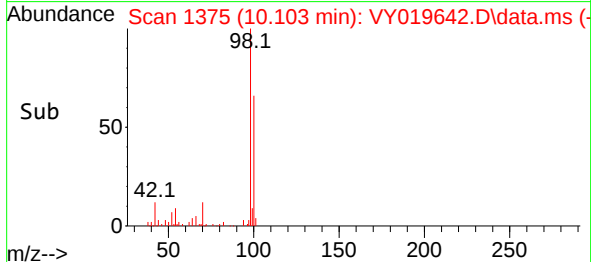
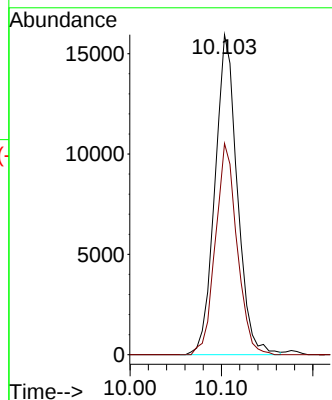
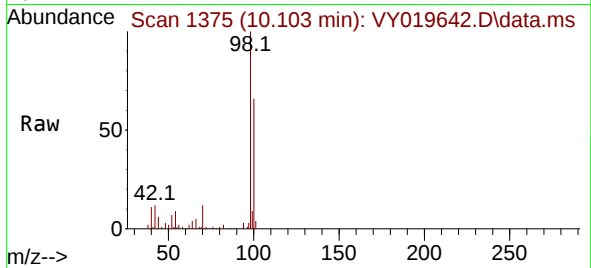




#50
Toluene-d8
Concen: 51.438 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019642.D
Acq: 20 Sep 2024 13:49

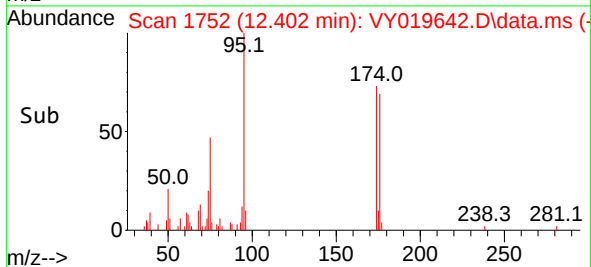
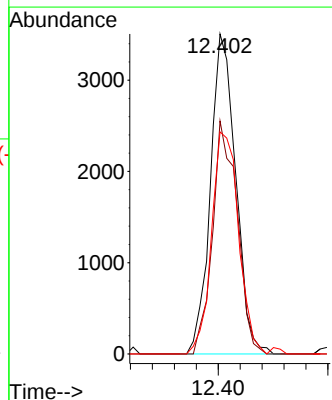
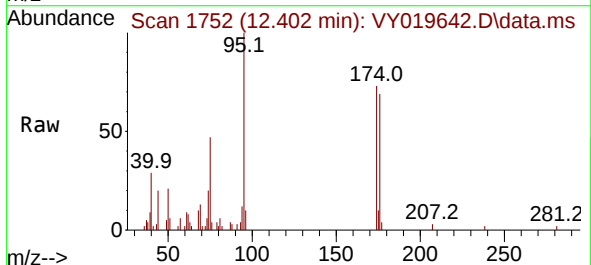
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-091724RE

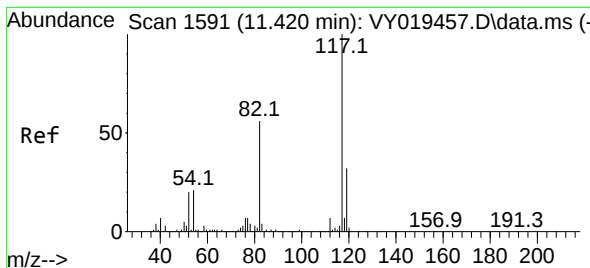
Tgt Ion: 98 Resp: 27145
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 27.697 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019642.D
Acq: 20 Sep 2024 13:49

Tgt Ion: 95 Resp: 5620
Ion Ratio Lower Upper
95 100
174 70.9 0.0 175.6
176 73.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019642.D

Acq: 20 Sep 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-091724RE

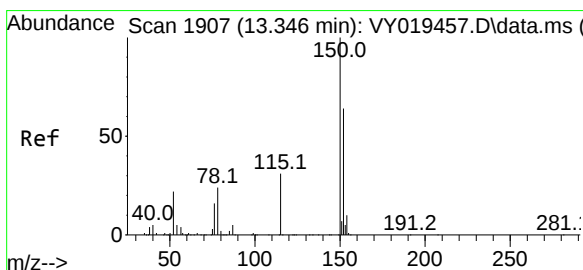
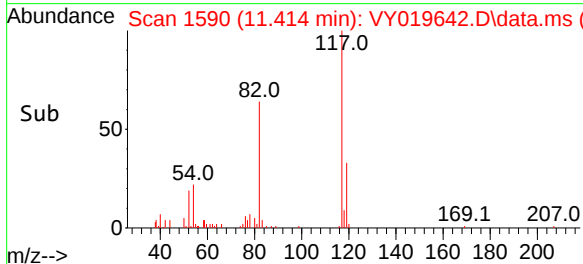
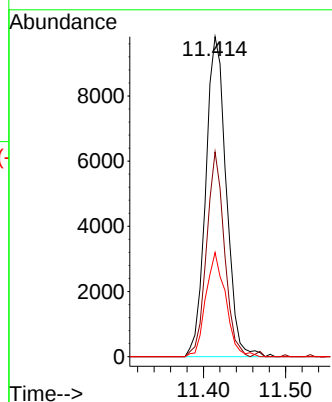
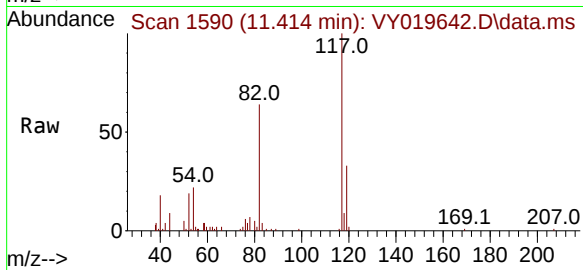
Tgt Ion:117 Resp: 17026

Ion Ratio Lower Upper

117 100

82 64.0 42.4 63.6#

119 32.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.341 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019642.D

Acq: 20 Sep 2024 13:49

Tgt Ion:152 Resp: 3351

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 154.2 0.0 345.6

