

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019947.D
 Acq On : 18 Oct 2024 12:50
 Operator : SY/MD
 Sample : P4417-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOPPER-B-SOLID

Quant Time: Oct 18 23:31:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	9879	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	16901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	10357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	1449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	5506	45.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.520%
35) Dibromofluoromethane	7.634	113	5777	51.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.600%
50) Toluene-d8	10.109	98	17813	43.250	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.500%
62) 4-Bromofluorobenzene	12.401	95	2945	19.789	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	39.580%

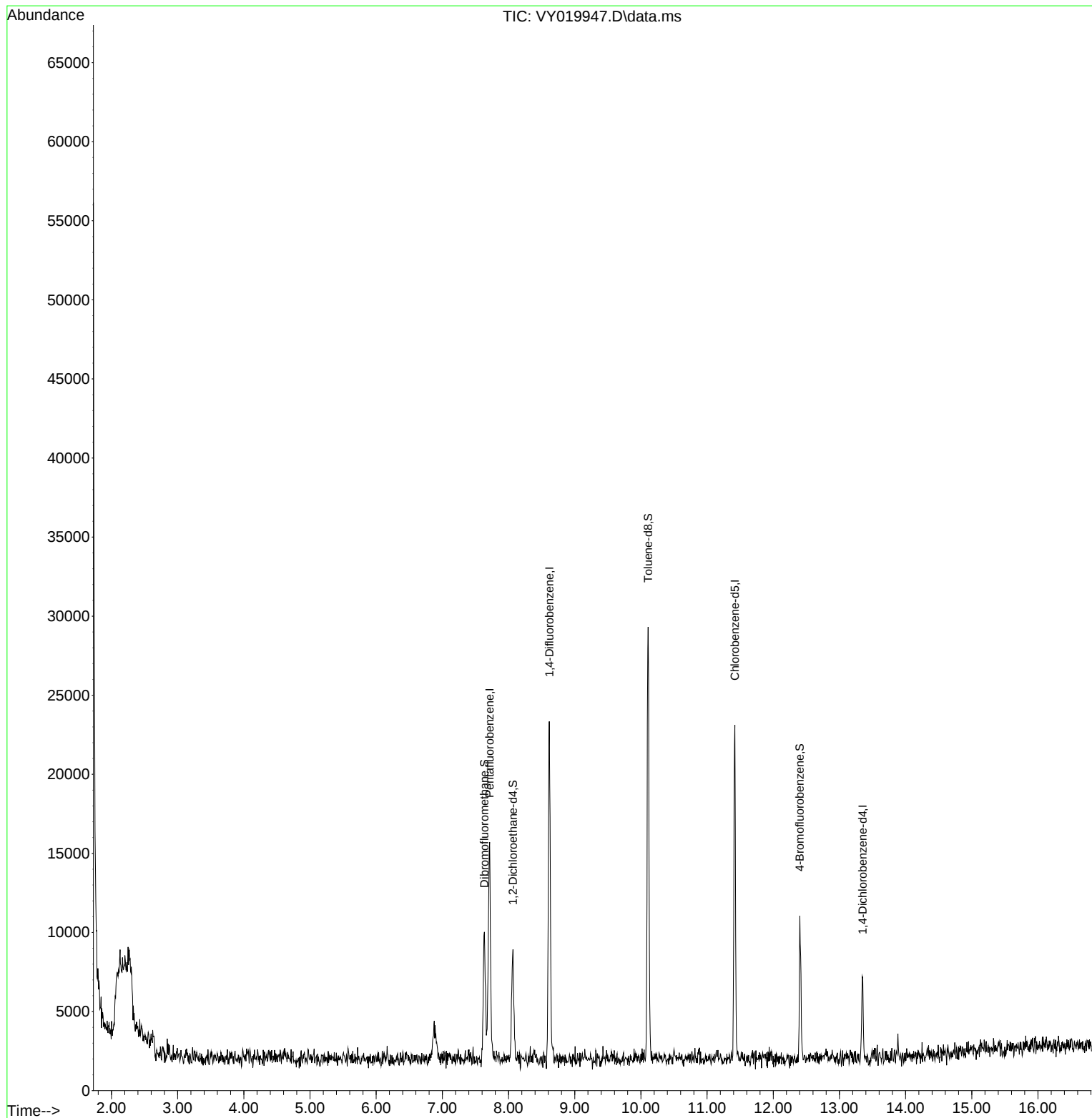
Target Compounds	Qvalue

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

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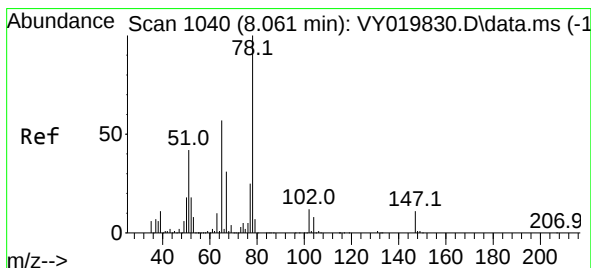
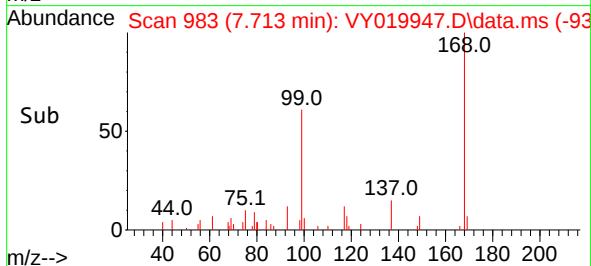
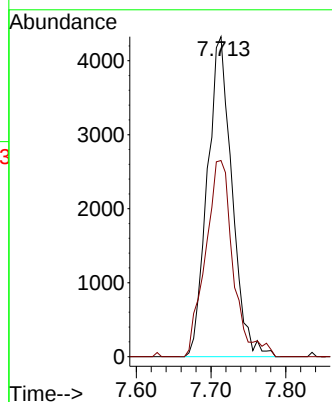
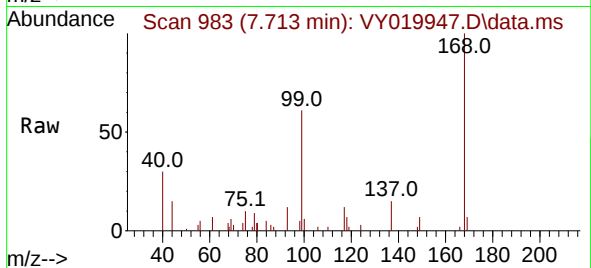




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019947.D
Acq: 18 Oct 2024 12:50

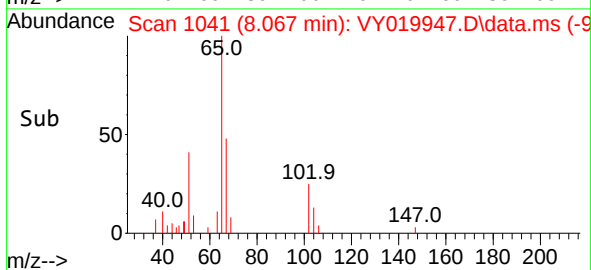
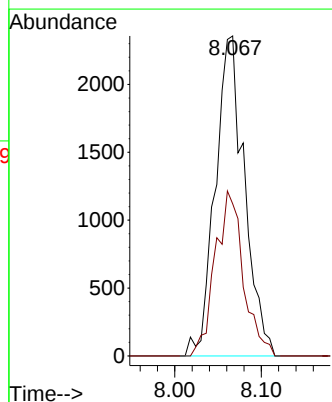
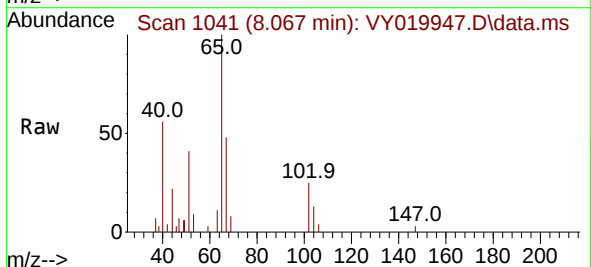
Instrument :
MSVOA_Y
ClientSampleId :
HOPPER-B-SOLID

Tgt Ion:168 Resp: 9879
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 45.265 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019947.D
Acq: 18 Oct 2024 12:50

Tgt Ion: 65 Resp: 5506
Ion Ratio Lower Upper
65 100
67 49.7 0.0 109.6

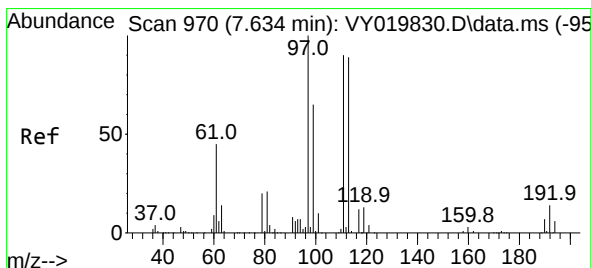
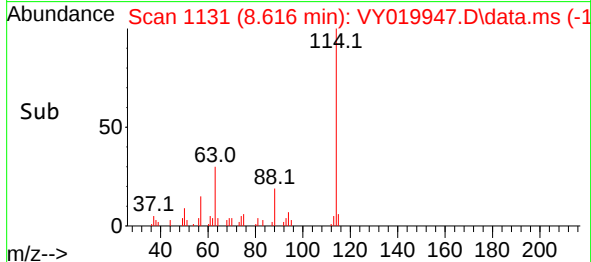
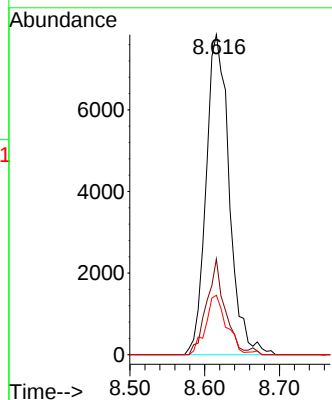
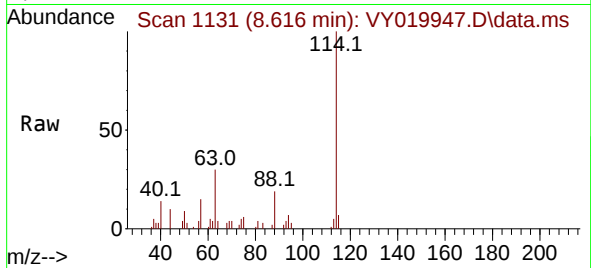




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019947.D
Acq: 18 Oct 2024 12:50

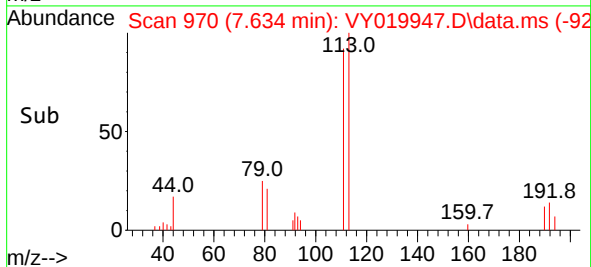
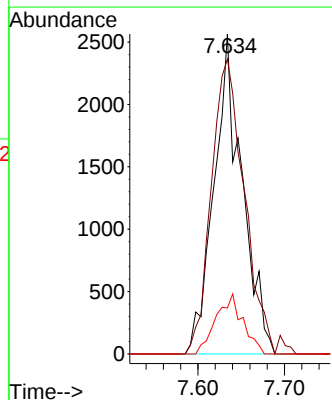
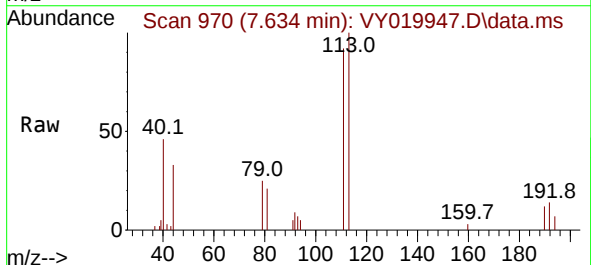
Instrument :
MSVOA_Y
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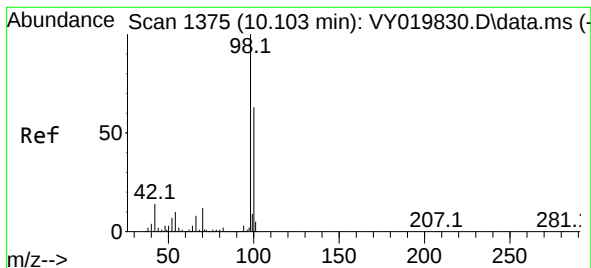
Tgt Ion:	114	Resp:	16901
Ion	Ratio	Lower	Upper
114	100		
63	29.9	0.0	35.0
88	18.5	0.0	27.2



#35
Dibromofluoromethane
Concen: 51.799 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019947.D
Acq: 18 Oct 2024 12:50

Tgt Ion:	113	Resp:	5777
Ion	Ratio	Lower	Upper
113	100		
111	107.5	82.2	123.4
192	17.9	15.9	23.9

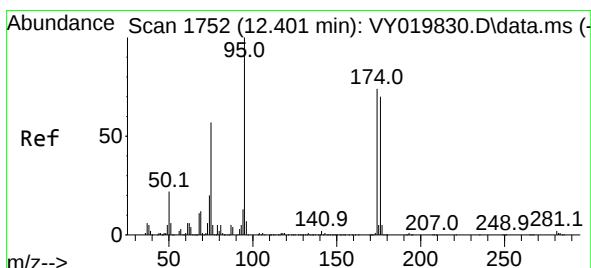
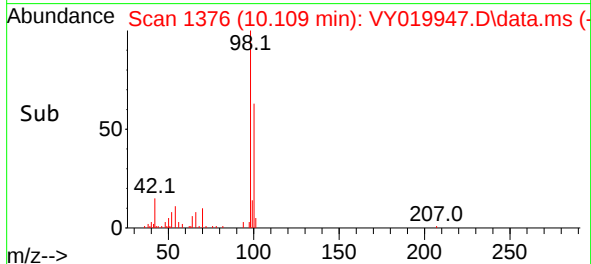
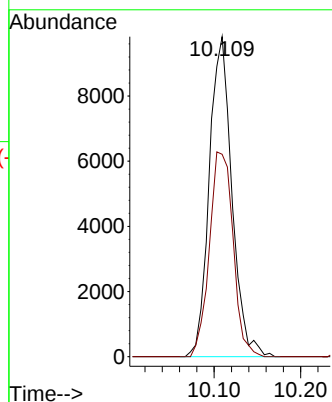
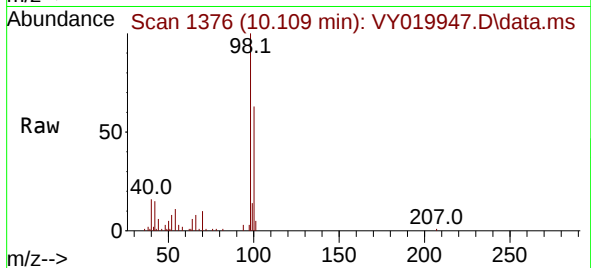




#50
Toluene-d8
Concen: 43.250 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019947.D
Acq: 18 Oct 2024 12:50

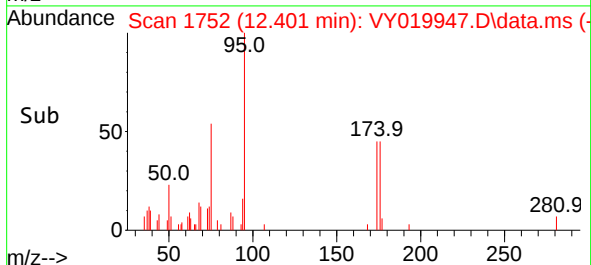
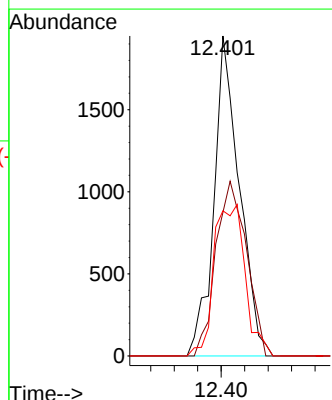
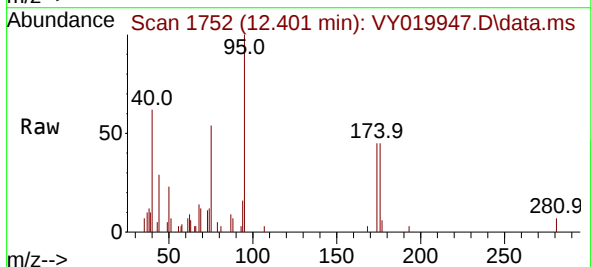
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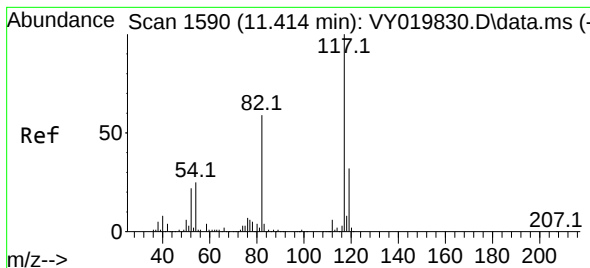
Tgt Ion: 98 Resp: 17813
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 19.789 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019947.D
Acq: 18 Oct 2024 12:50

Tgt Ion: 95 Resp: 2945
Ion Ratio Lower Upper
95 100
174 65.6 0.0 175.6
176 57.7 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: VY019947.D

Acq: 18 Oct 2024 12:50

Instrument :

MSVOA_Y

ClientSampleId :

HOPPER-B-SOLID

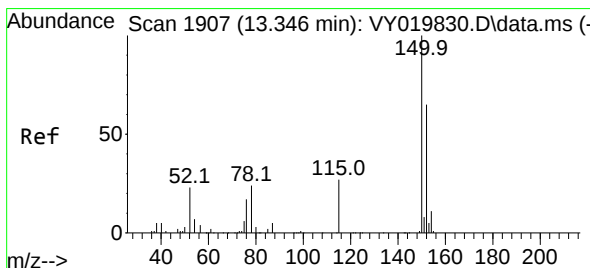
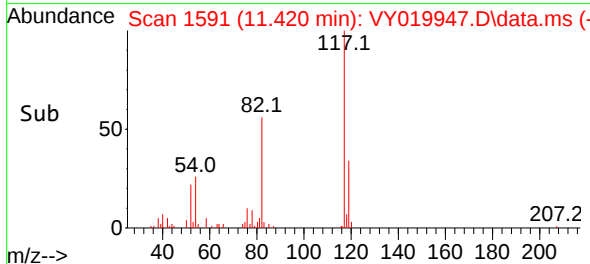
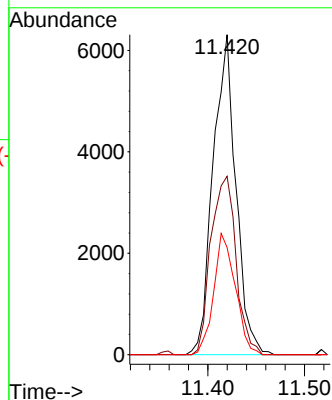
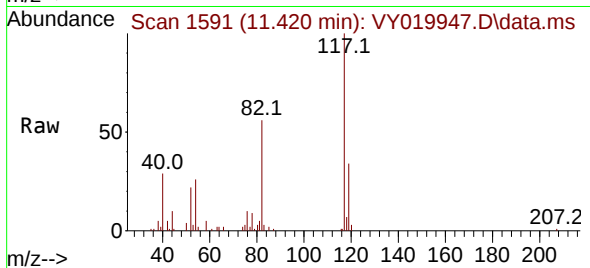
Tgt Ion:117 Resp: 10357

Ion Ratio Lower Upper

117 100

82 55.8 42.4 63.6

119 33.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019947.D

Acq: 18 Oct 2024 12:50

Tgt Ion:152 Resp: 1449

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 152.9 0.0 345.6

