

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019938.D
 Acq On : 17 Oct 2024 17:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 412g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Oct 18 01:45:14 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	79183	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	152426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	131857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	45657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	51723	53.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.100%
35) Dibromofluoromethane	7.634	113	50652	50.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.720%
50) Toluene-d8	10.109	98	187863	50.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.407	95	57493	42.837	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.680%

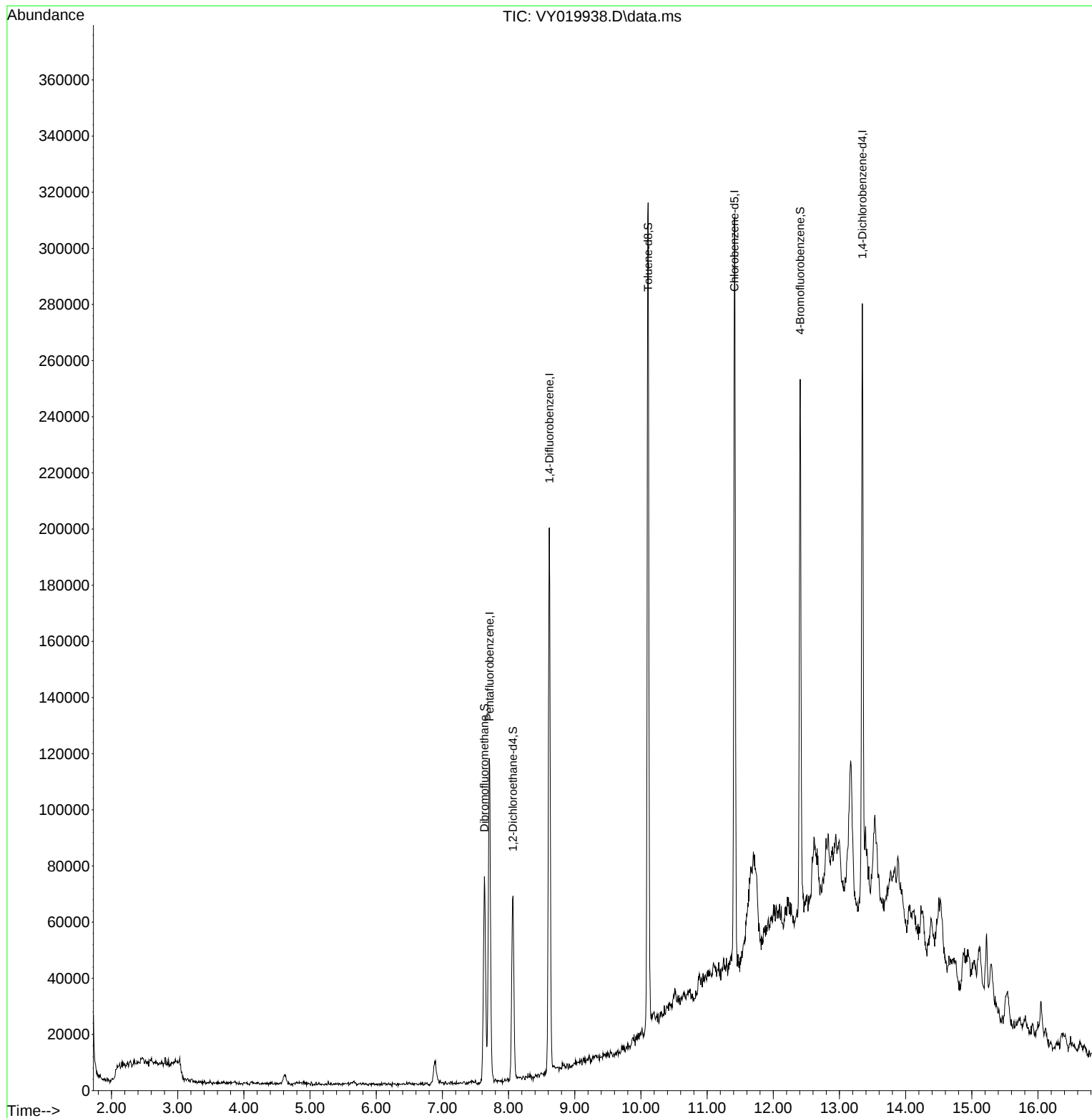
Target Compounds	Qvalue

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

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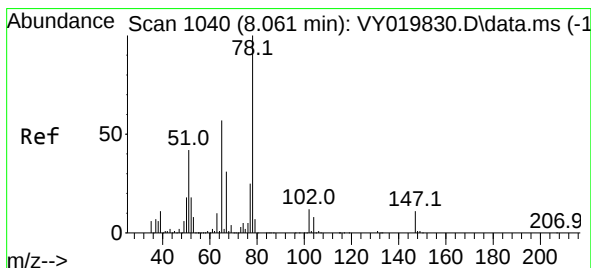
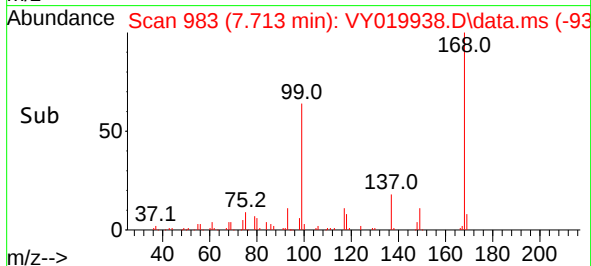
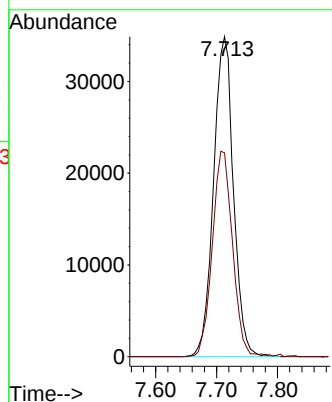
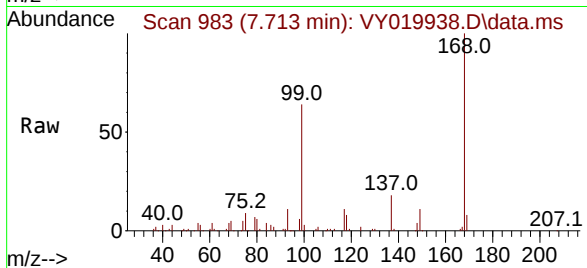




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019938.D
Acq: 17 Oct 2024 17:35

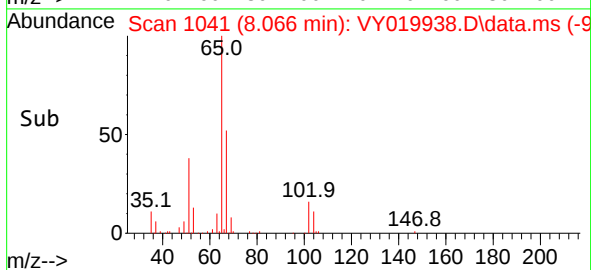
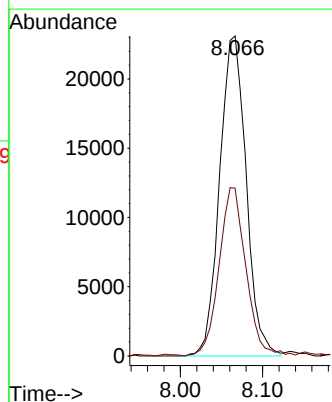
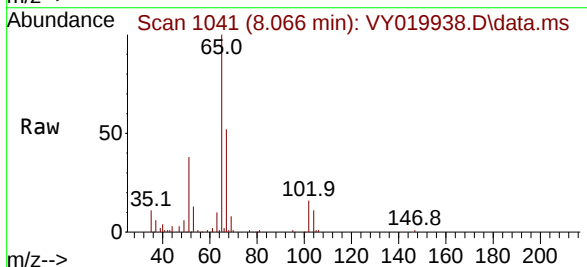
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 79183
Ion Ratio Lower Upper
168 100
99 63.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 53.051 ug/l
RT: 8.066 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019938.D
Acq: 17 Oct 2024 17:35

Tgt Ion: 65 Resp: 51723
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6

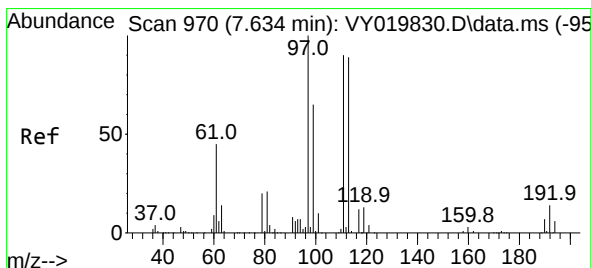
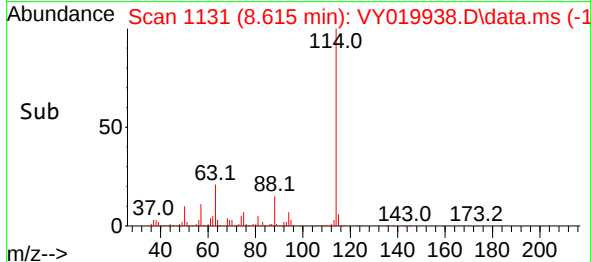
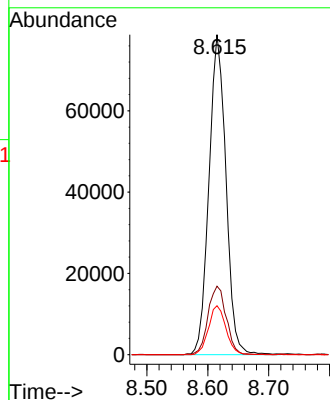
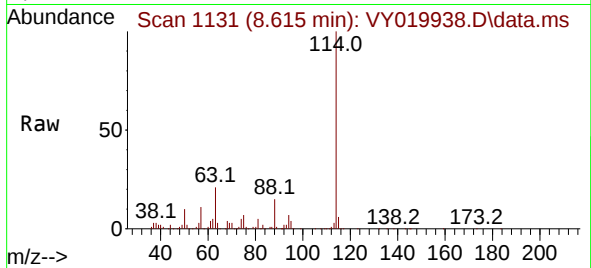




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY019938.D
Acq: 17 Oct 2024 17:35

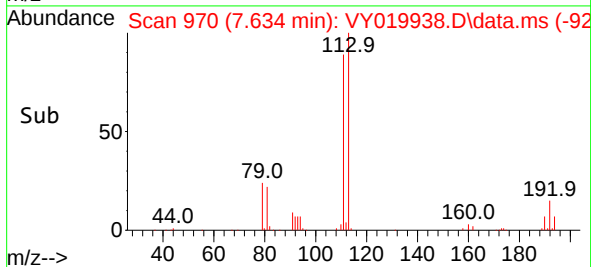
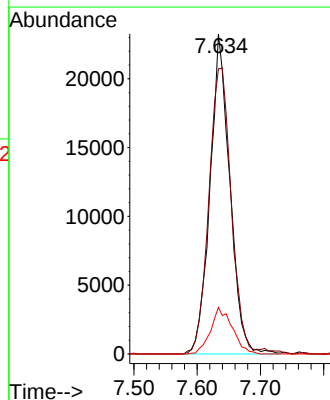
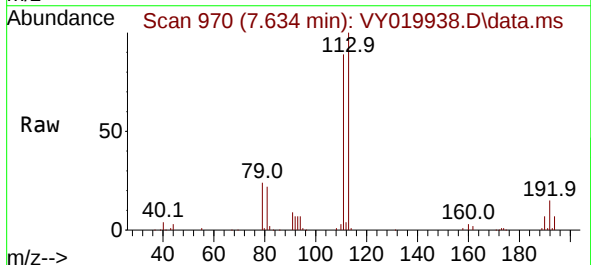
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

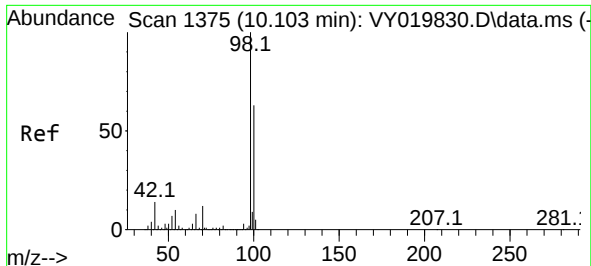
Tgt Ion:114 Resp: 152426
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.358 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY019938.D
Acq: 17 Oct 2024 17:35

Tgt Ion:113 Resp: 50652
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 15.9 15.9 23.9#

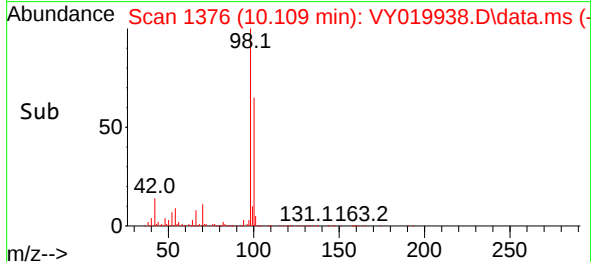
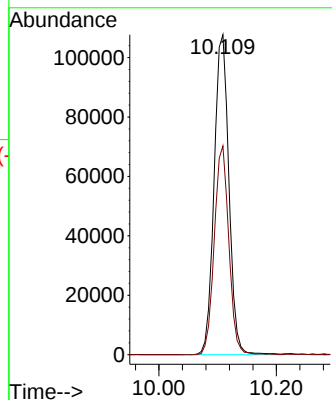
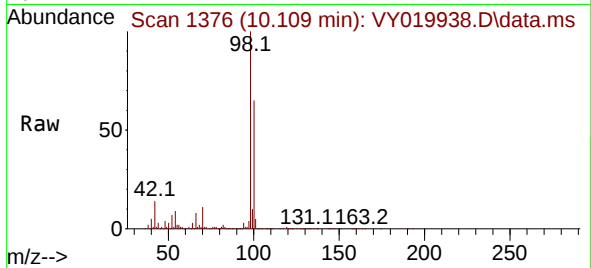




#50
Toluene-d8
Concen: 50.576 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019938.D
Acq: 17 Oct 2024 17:35

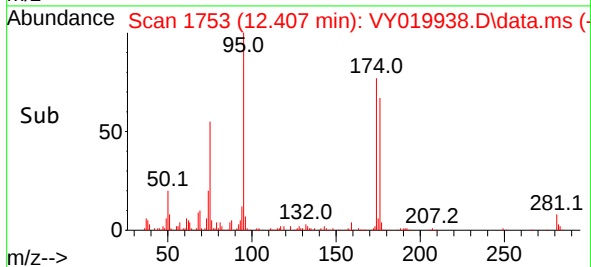
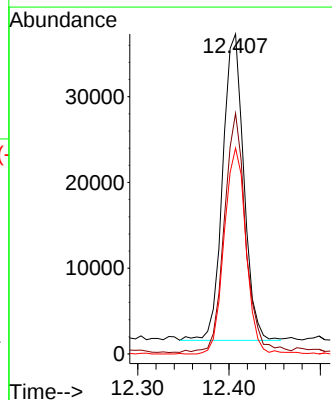
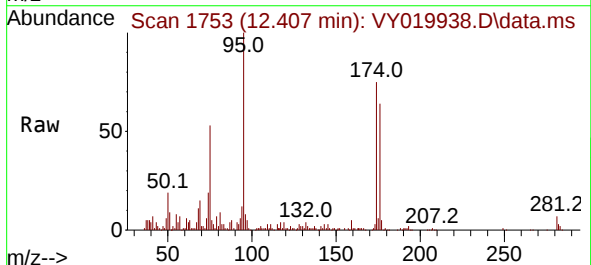
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

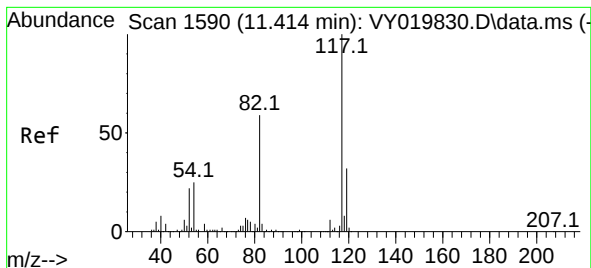
Tgt Ion: 98 Resp: 187863
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.837 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019938.D
Acq: 17 Oct 2024 17:35

Tgt Ion: 95 Resp: 57493
Ion Ratio Lower Upper
95 100
174 79.2 0.0 175.6
176 69.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019938.D

Acq: 17 Oct 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

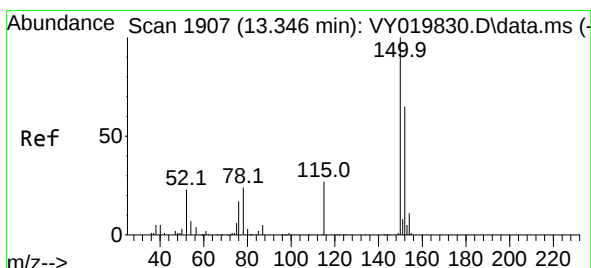
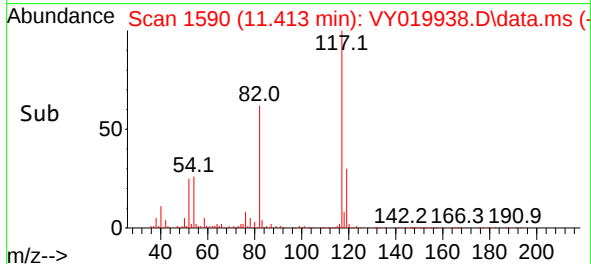
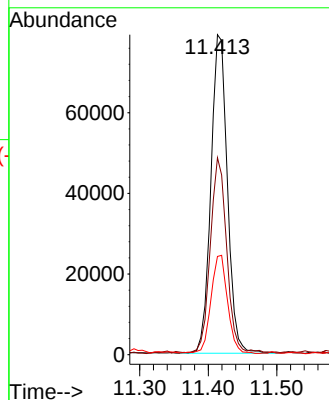
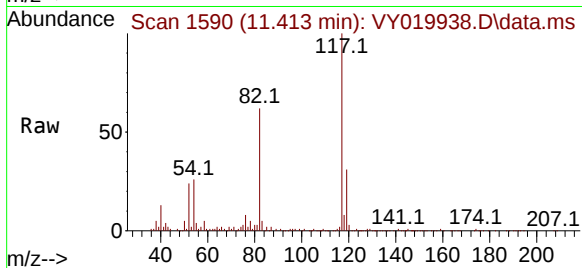
Tgt Ion:117 Resp: 131857

Ion Ratio Lower Upper

117 100

82 61.1 42.4 63.6

119 30.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019938.D

Acq: 17 Oct 2024 17:35

Tgt Ion:152 Resp: 45657

Ion Ratio Lower Upper

152 100

115 66.9 28.2 84.7

150 158.8 0.0 345.6

