

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022743.D
 Acq On : 19 Jun 2025 09:48
 Operator : SY/MD
 Sample : VY0619SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBL01

Quant Time: Jun 20 03:36:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	102602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	191401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	52432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57838	50.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.800%
35) Dibromofluoromethane	7.634	113	58093	50.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.700%
50) Toluene-d8	10.109	98	233273	50.534	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.402	95	55223	40.151	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.300%

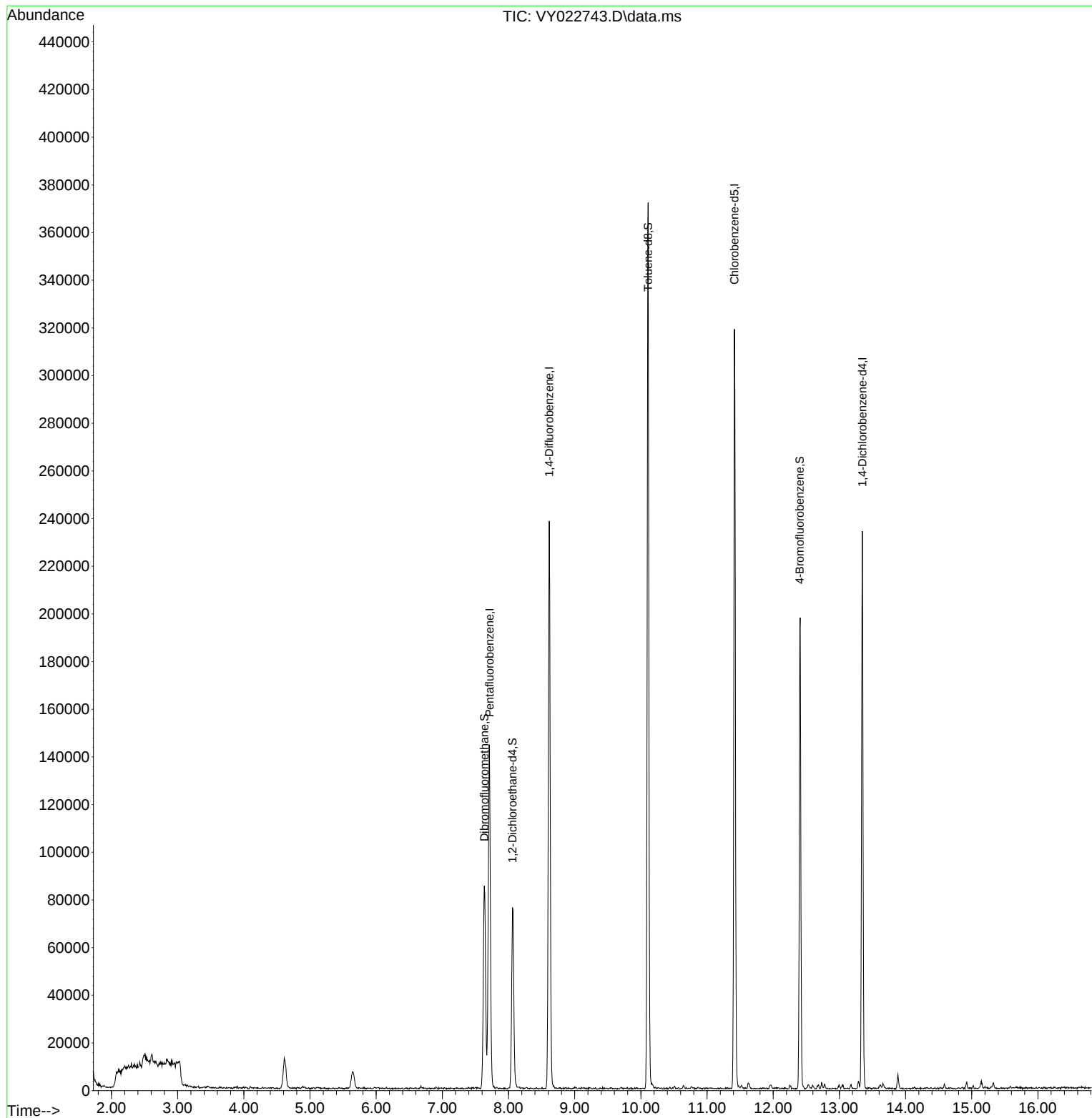
Target Compounds	Qvalue

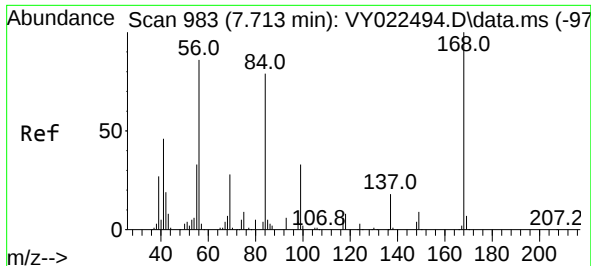
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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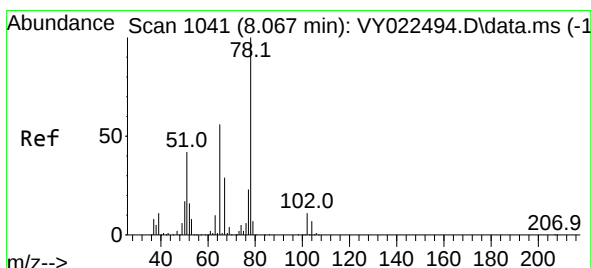
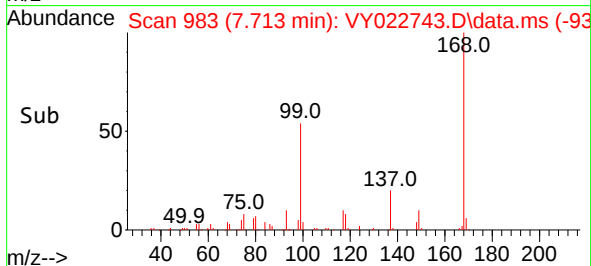
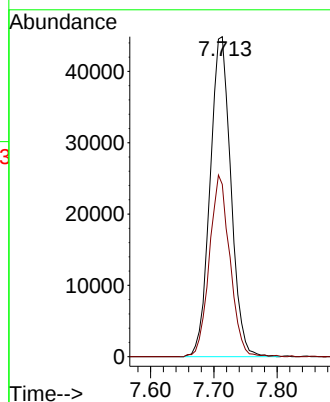
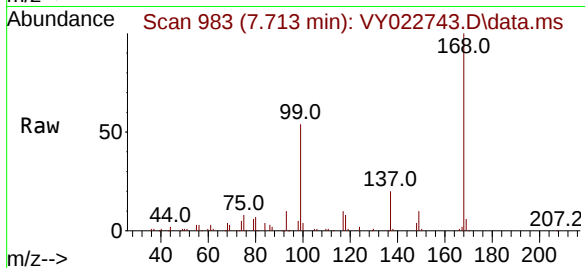




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

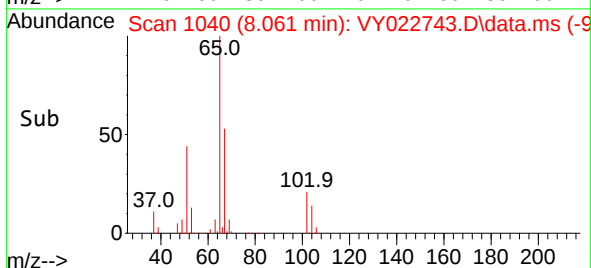
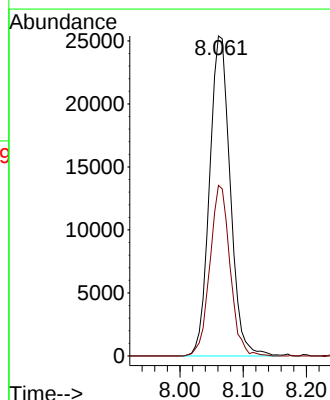
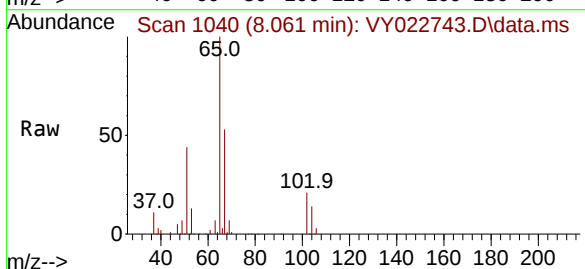
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Tgt Ion:168 Resp: 102602
Ion Ratio Lower Upper
168 100
99 53.9 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 50.401 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion: 65 Resp: 57838
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4

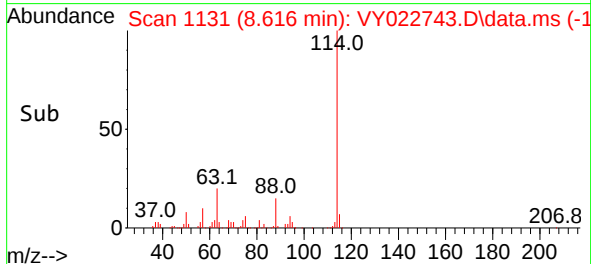
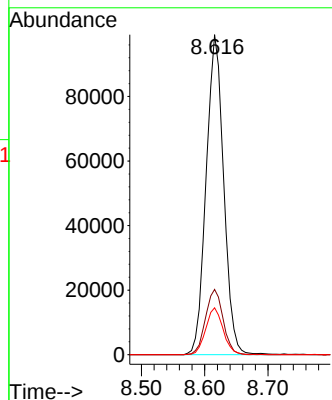
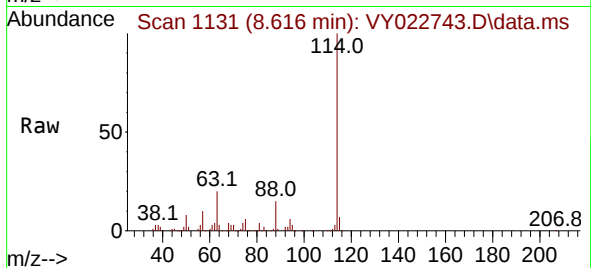




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022743.D
 Acq: 19 Jun 2025 09:48

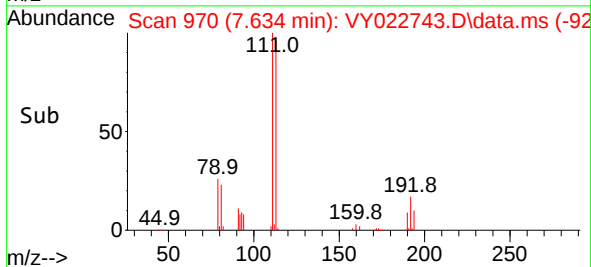
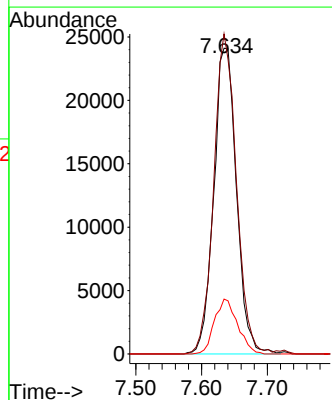
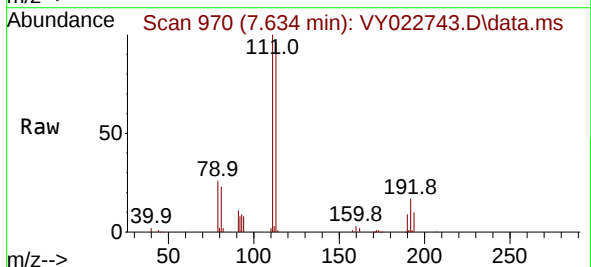
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBL01

Tgt Ion:	114	Resp:	191401
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	40.8
88	14.7	0.0	27.8



#35
 Dibromofluoromethane
 Concen: 50.850 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.006 min
 Lab File: VY022743.D
 Acq: 19 Jun 2025 09:48

Tgt Ion:	113	Resp:	58093
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.1	121.7
192	18.3	14.2	21.2

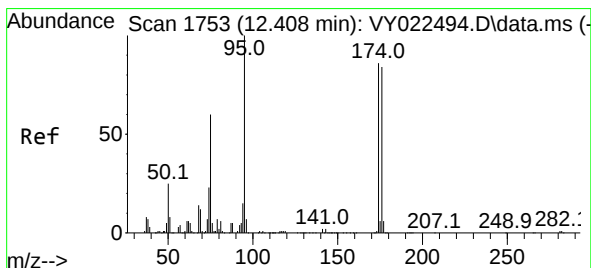
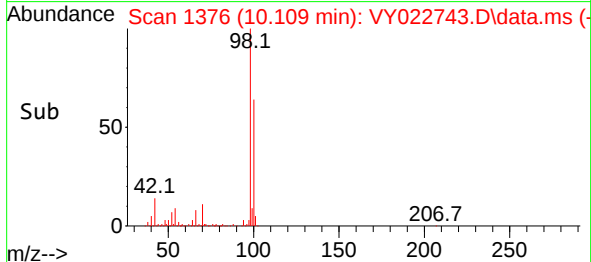
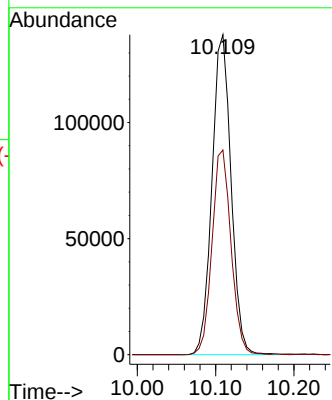
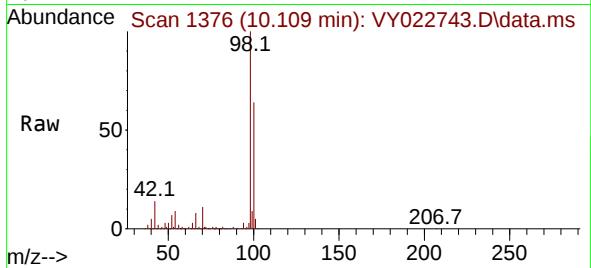




#50
Toluene-d8
Concen: 50.534 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

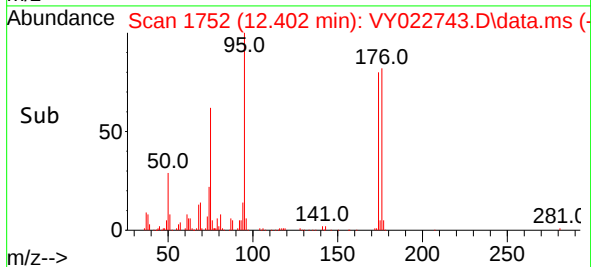
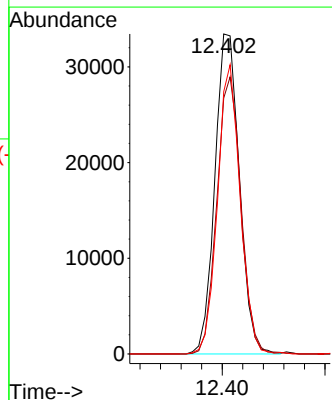
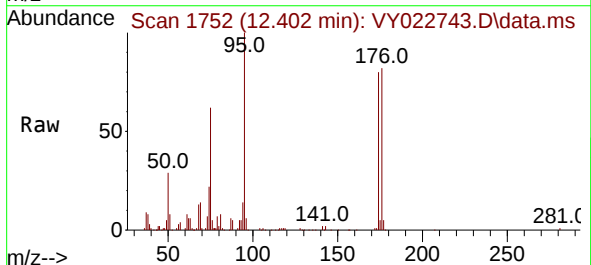
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

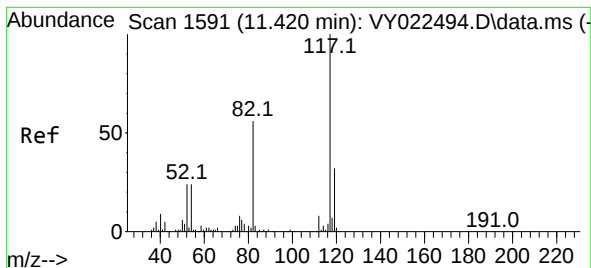
Tgt Ion: 98 Resp: 233273
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.151 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022743.D
Acq: 19 Jun 2025 09:48

Tgt Ion: 95 Resp: 55223
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.0
176 83.8 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY022743.D

Acq: 19 Jun 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBL01

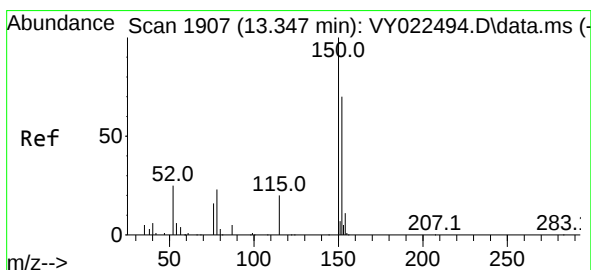
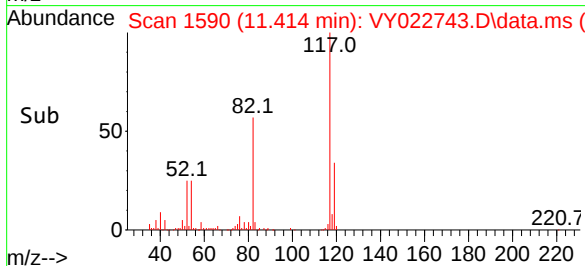
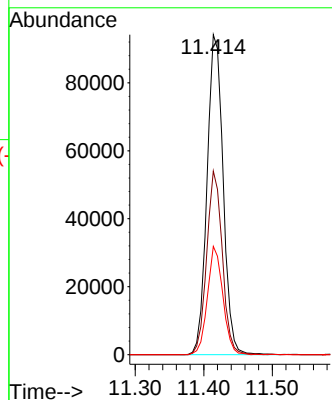
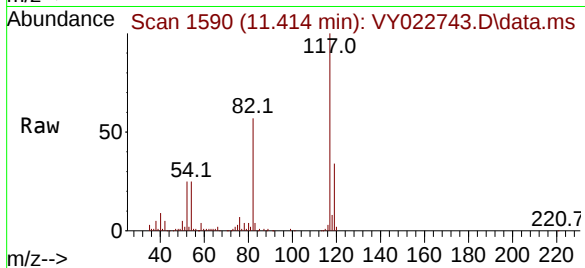
Tgt Ion:117 Resp: 154033

Ion Ratio Lower Upper

117 100

82 57.4 44.6 66.8

119 33.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022743.D

Acq: 19 Jun 2025 09:48

Tgt Ion:152 Resp: 52432

Ion Ratio Lower Upper

152 100

115 56.5 28.9 86.7

150 158.8 0.0 349.6

