

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022034.D
 Acq On : 28 Apr 2025 16:15
 Operator : SY/MD
 Sample : Q1889-03
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Apr 29 03:54:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	307550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	581856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	511479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	188250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153379	53.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.980%
35) Dibromofluoromethane	7.634	113	194929	50.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.420%
50) Toluene-d8	10.109	98	703999	48.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.408	95	186403	38.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.420%

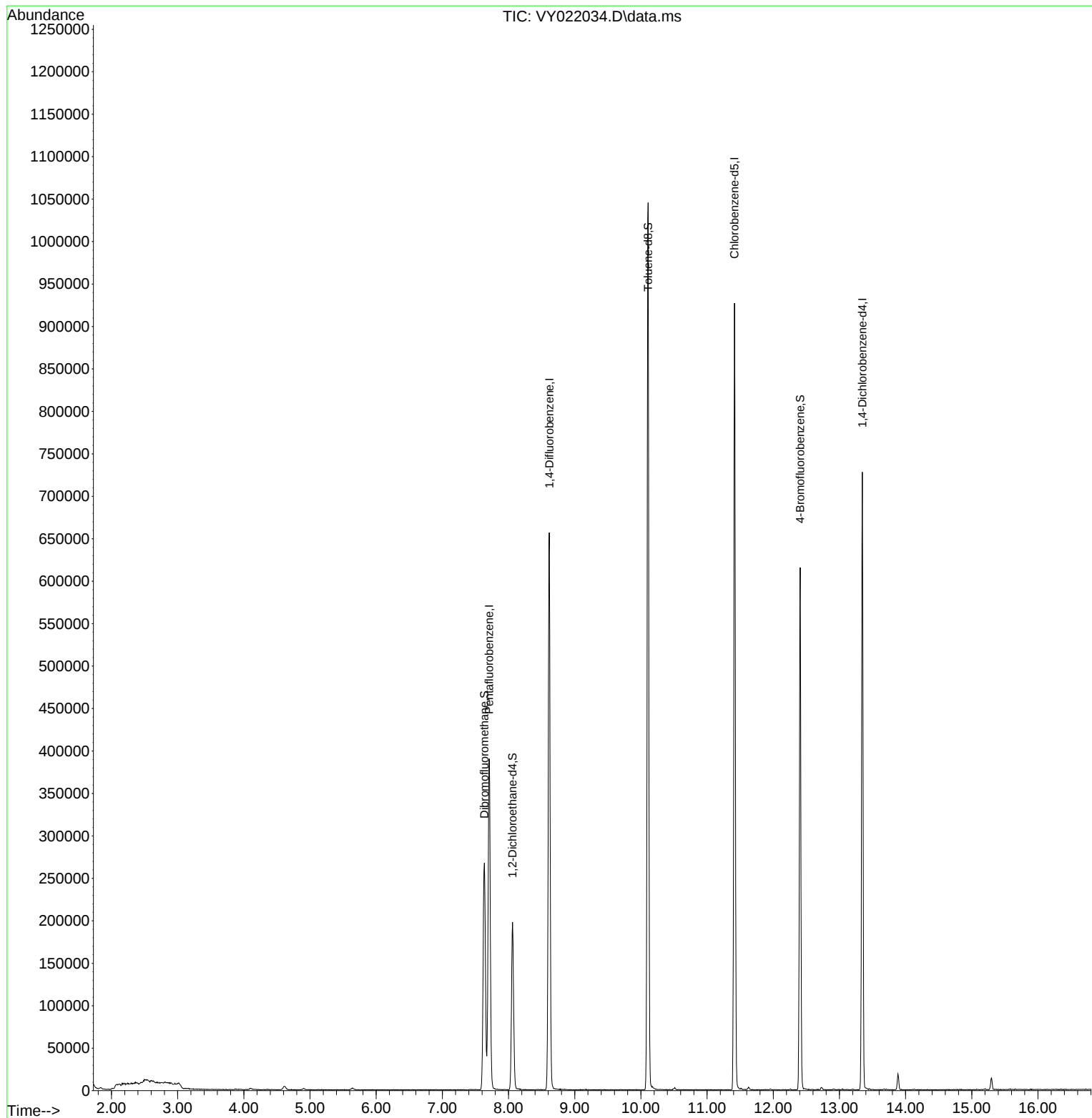
Target Compounds	Qvalue

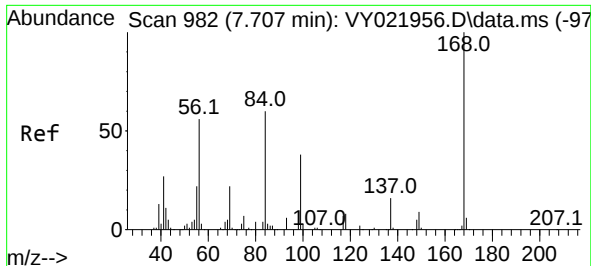
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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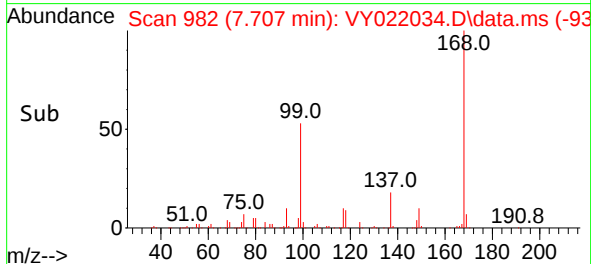
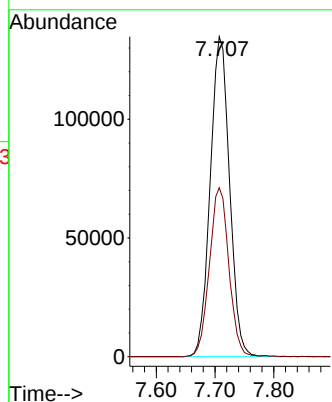
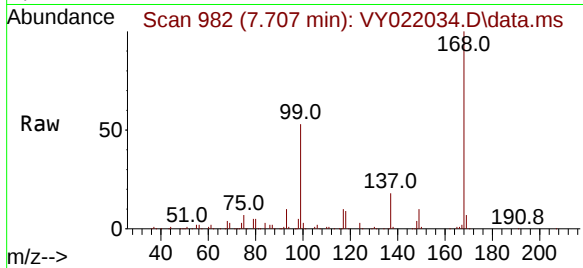




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022034.D
Acq: 28 Apr 2025 16:15

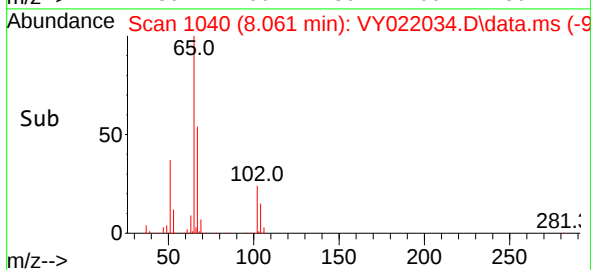
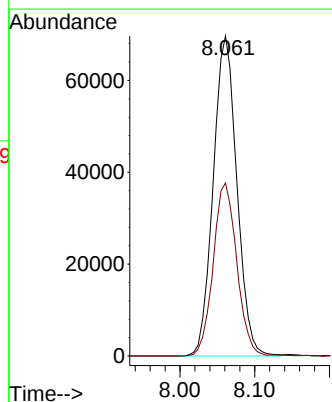
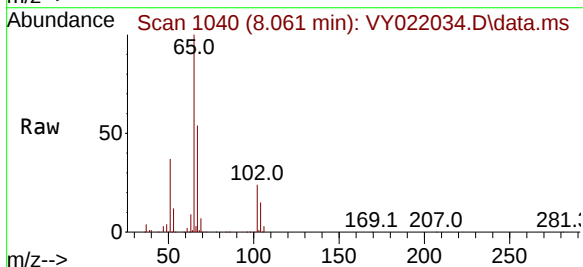
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:168 Resp: 307550
Ion Ratio Lower Upper
168 100
99 52.8 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 53.992 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022034.D
Acq: 28 Apr 2025 16:15

Tgt Ion: 65 Resp: 153379
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8

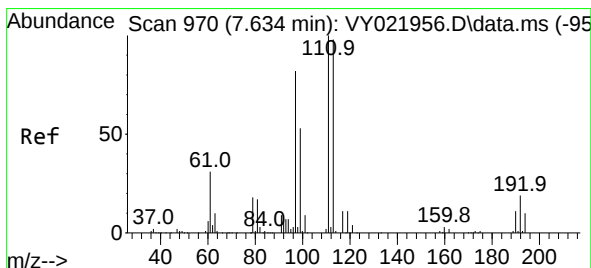
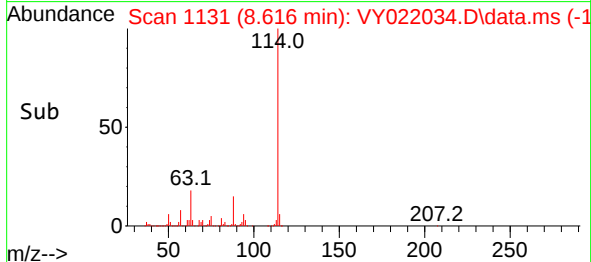
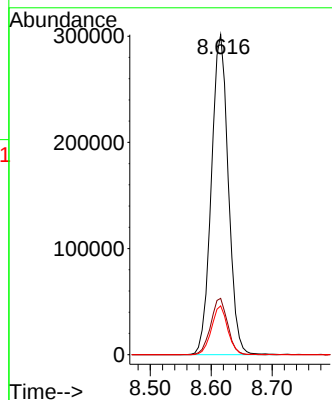
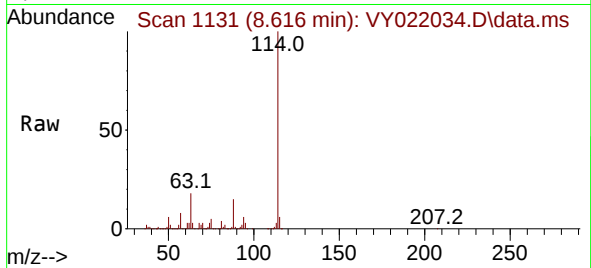




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022034.D
Acq: 28 Apr 2025 16:15

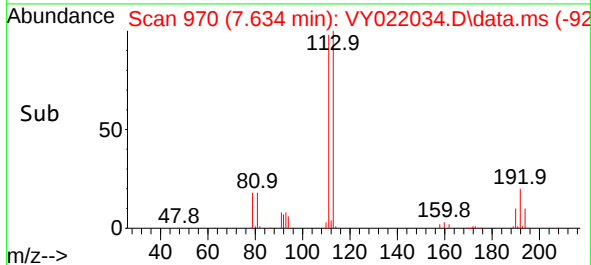
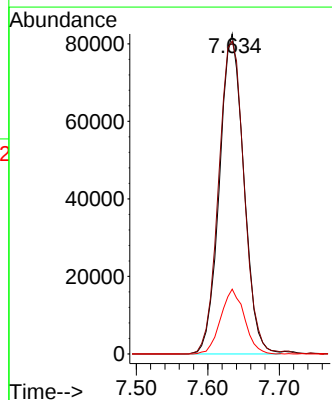
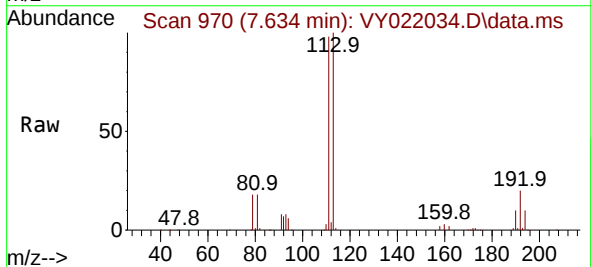
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:114 Resp: 581856
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.4
88 15.3 0.0 28.2



#35
Dibromofluoromethane
Concen: 50.709 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022034.D
Acq: 28 Apr 2025 16:15

Tgt Ion:113 Resp: 194929
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 19.8 15.6 23.4

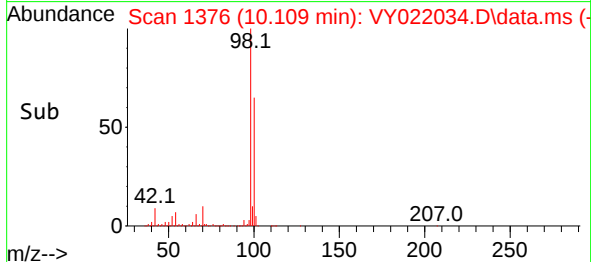
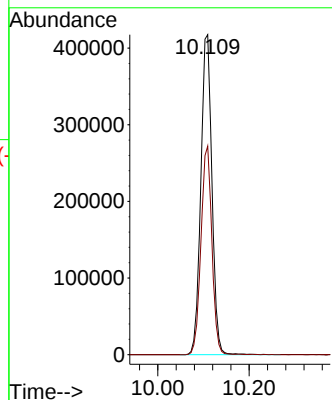
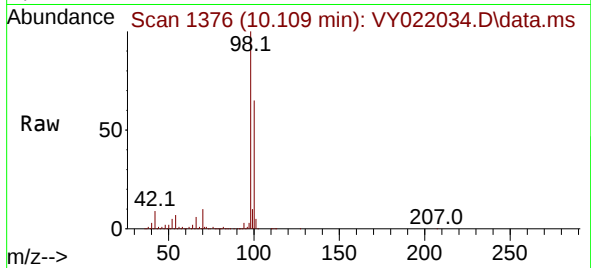




#50
Toluene-d8
Concen: 48.578 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022034.D
Acq: 28 Apr 2025 16:15

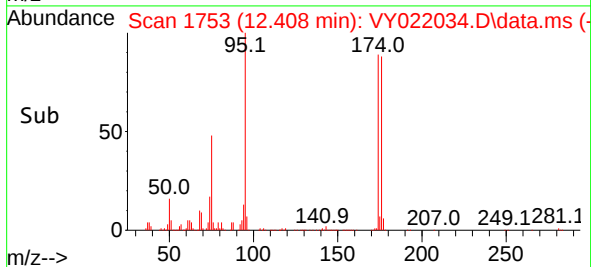
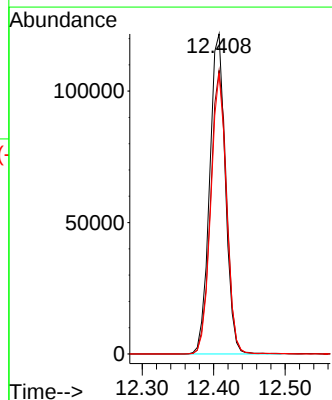
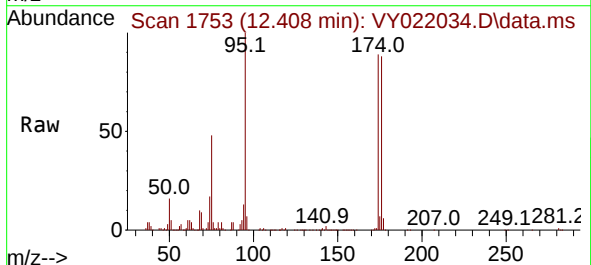
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

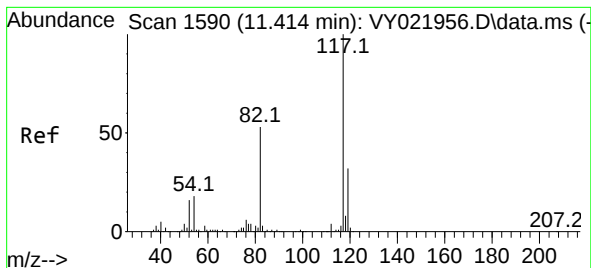
Tgt Ion: 98 Resp: 703999
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.208 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022034.D
Acq: 28 Apr 2025 16:15

Tgt Ion: 95 Resp: 186403
Ion Ratio Lower Upper
95 100
174 90.5 0.0 179.0
176 87.0 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY022034.D

Acq: 28 Apr 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

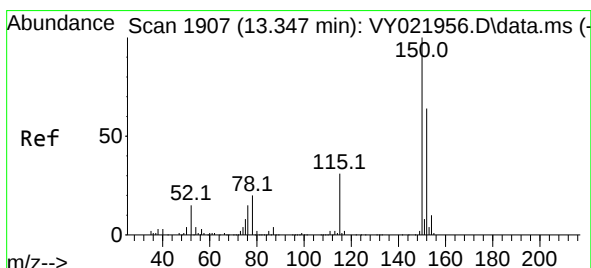
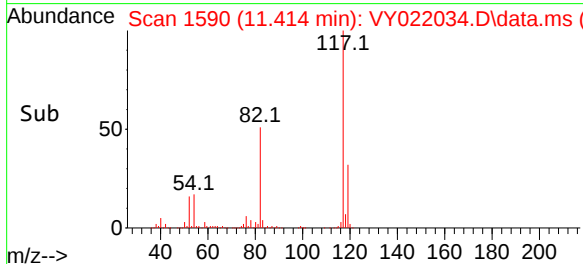
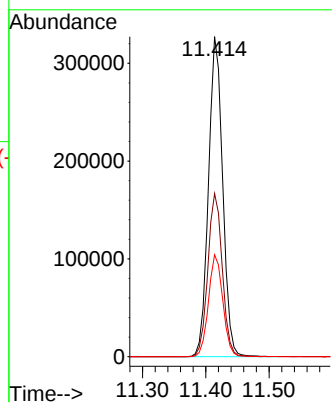
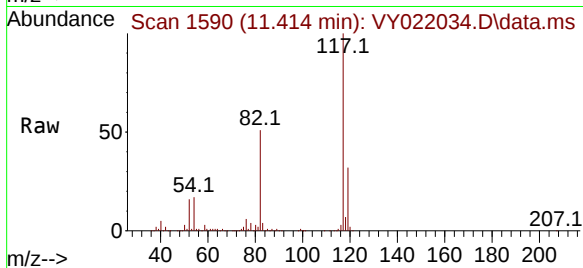
Tgt Ion:117 Resp: 511479

Ion Ratio Lower Upper

117 100

82 51.0 42.1 63.1

119 31.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022034.D

Acq: 28 Apr 2025 16:15

Tgt Ion:152 Resp: 188250

Ion Ratio Lower Upper

152 100

115 56.2 28.0 84.0

150 157.9 0.0 345.6

