

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021719.D
 Acq On : 31 Mar 2025 15:01
 Operator : SY/MD
 Sample : Q1675-05
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P5

Quant Time: Apr 01 05:37:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	223306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	416437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	350907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	108429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126112	52.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.240%
35) Dibromofluoromethane	7.634	113	138218	51.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.340%
50) Toluene-d8	10.109	98	501186	48.769	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.408	95	131805	37.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.840%

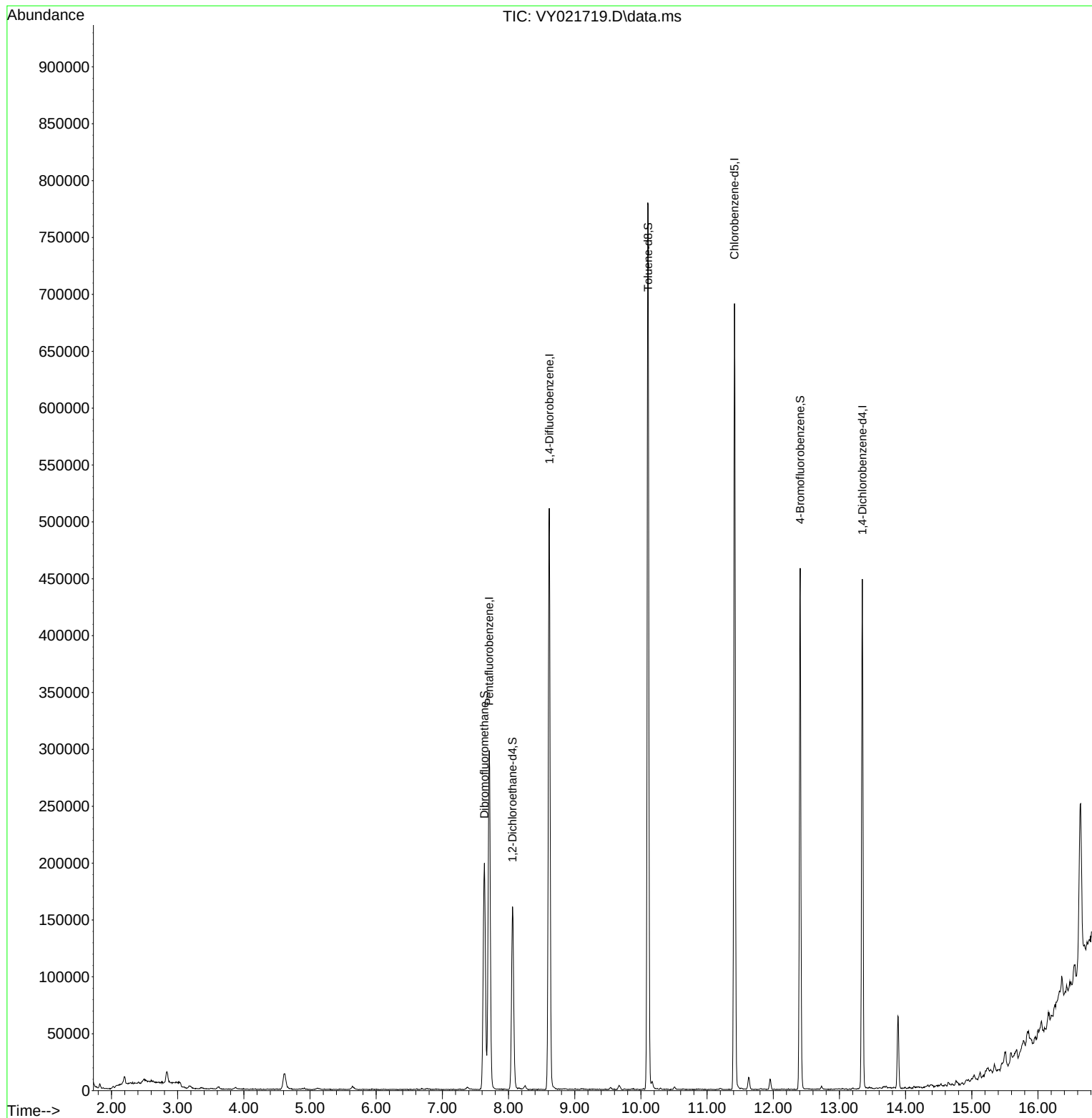
Target Compounds	Qvalue

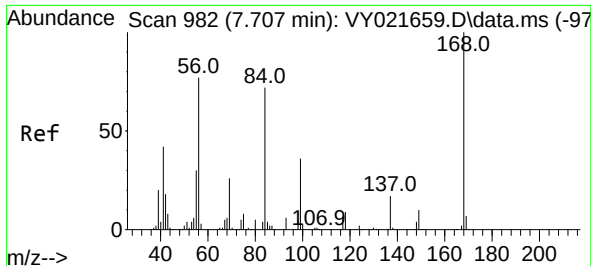
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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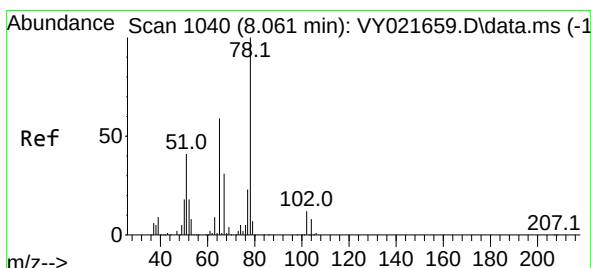
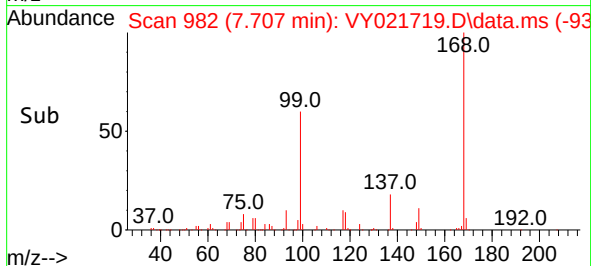
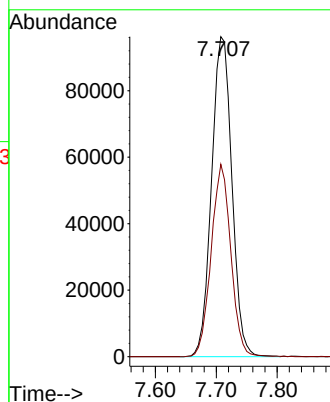
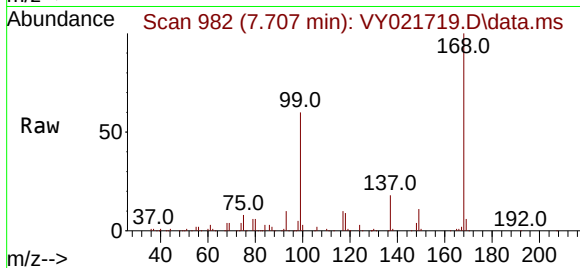




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

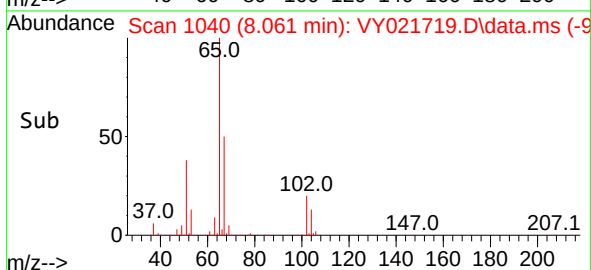
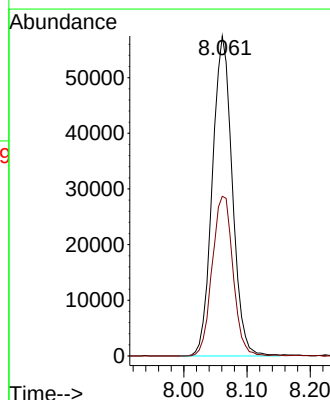
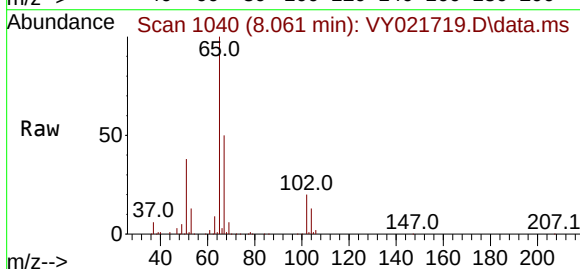
Instrument :
MSVOA_Y
ClientSampleId :
P5

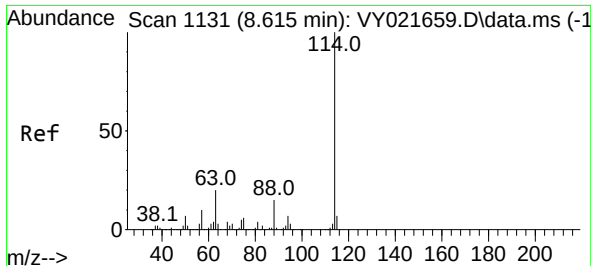
Tgt Ion:168 Resp: 223306
Ion Ratio Lower Upper
168 100
99 60.1 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 52.124 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

Tgt Ion: 65 Resp: 126112
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6

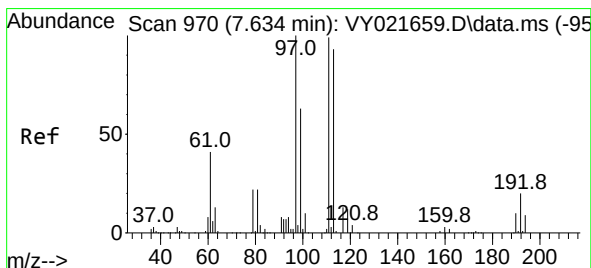
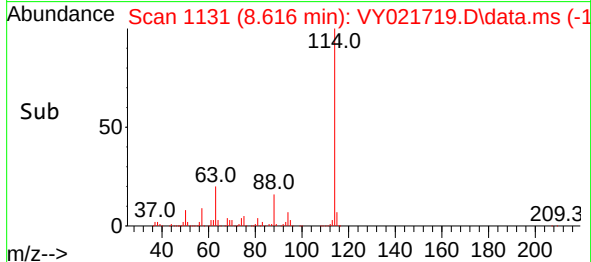
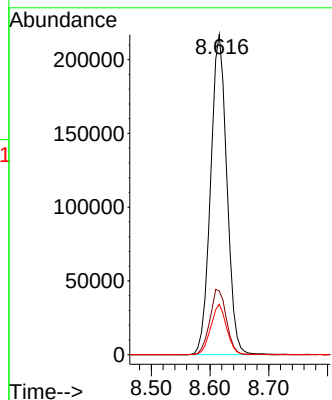
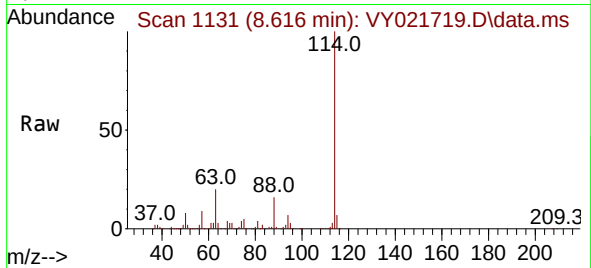




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

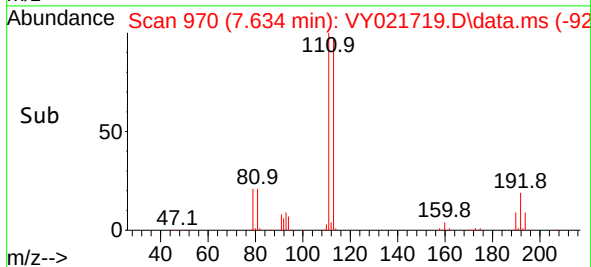
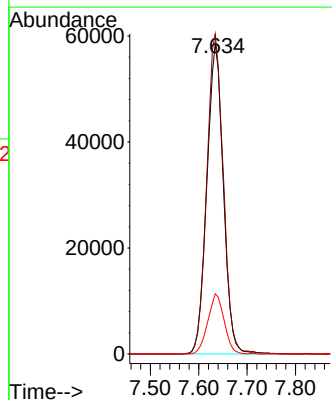
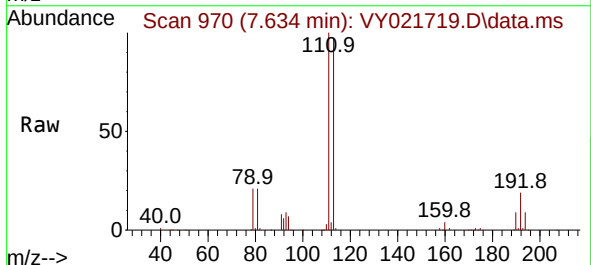
Instrument :
MSVOA_Y
ClientSampleId :
P5

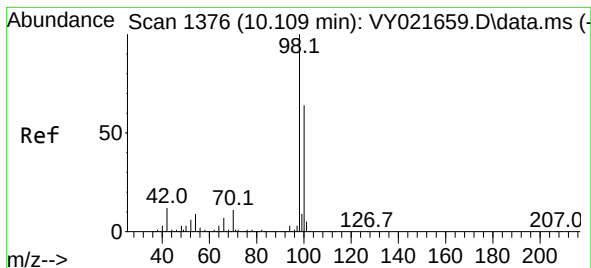
Tgt Ion:114 Resp: 416437
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.2
88 15.8 0.0 29.8



#35
Dibromofluoromethane
Concen: 51.166 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

Tgt Ion:113 Resp: 138218
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 19.2 16.2 24.4

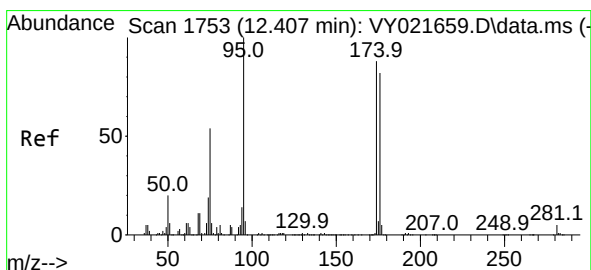
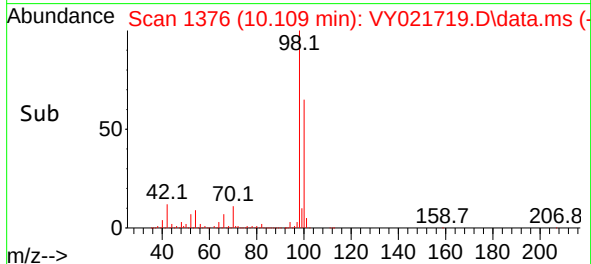
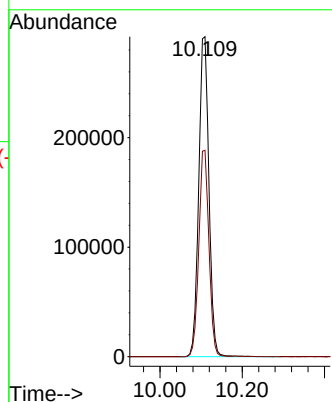
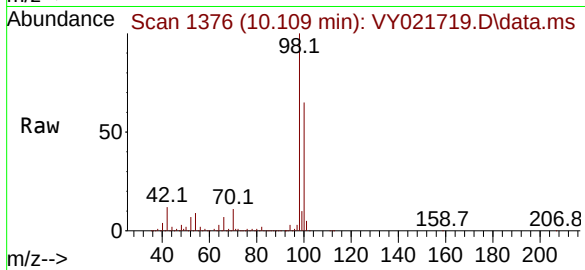




#50
Toluene-d8
Concen: 48.769 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

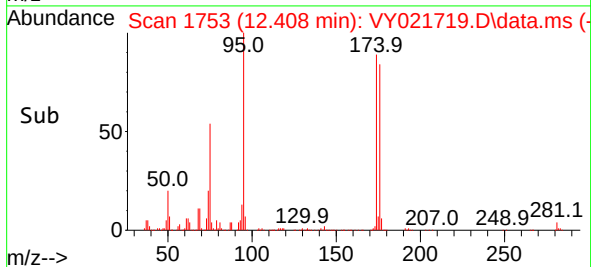
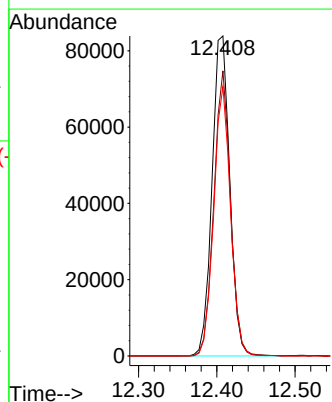
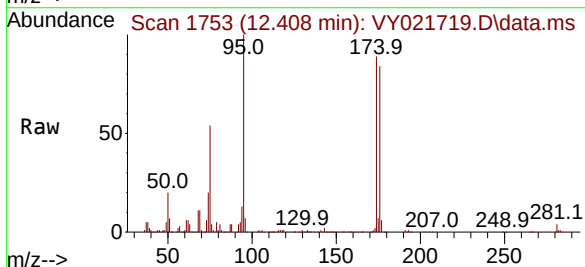
Instrument :
MSVOA_Y
ClientSampleId :
P5

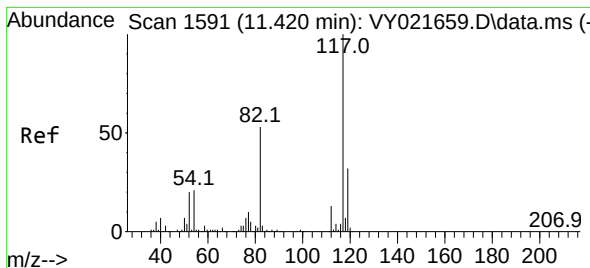
Tgt Ion: 98 Resp: 501186
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 37.918 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021719.D
Acq: 31 Mar 2025 15:01

Tgt Ion: 95 Resp: 131805
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.8
176 79.9 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021719.D

Acq: 31 Mar 2025 15:01

Instrument :

MSVOA_Y

ClientSampleId :

P5

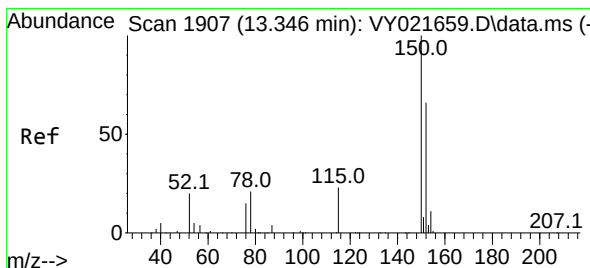
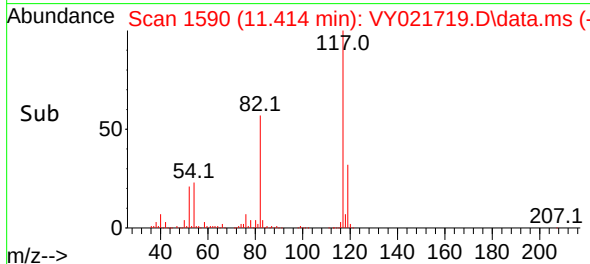
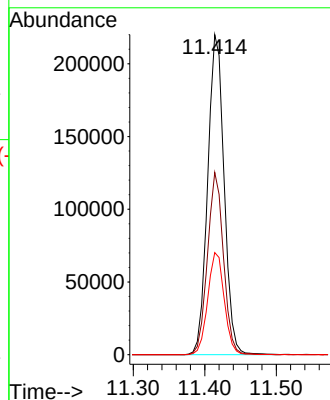
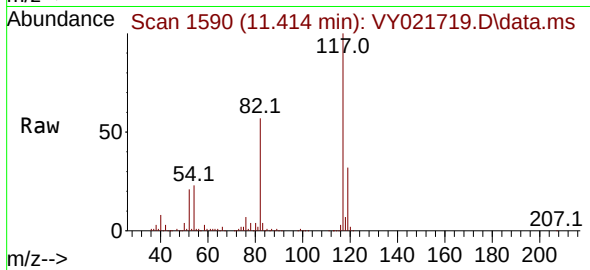
Tgt Ion:117 Resp: 350907

Ion Ratio Lower Upper

117 100

82 57.0 42.8 64.2

119 31.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021719.D

Acq: 31 Mar 2025 15:01

Tgt Ion:152 Resp: 108429

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 158.4 0.0 348.4

