

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021901.D
 Acq On : 17 Apr 2025 09:34
 Operator : SY/MD
 Sample : VY0417SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBL01

Quant Time: Apr 18 03:54:00 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	7.713	168	253281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	455934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	384450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	145931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	131262	47.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.660%
35) Dibromofluoromethane	7.640	113	149683	50.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.220%
50) Toluene-d8	10.109	98	534168	47.475	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.408	95	150825	39.631	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.260%

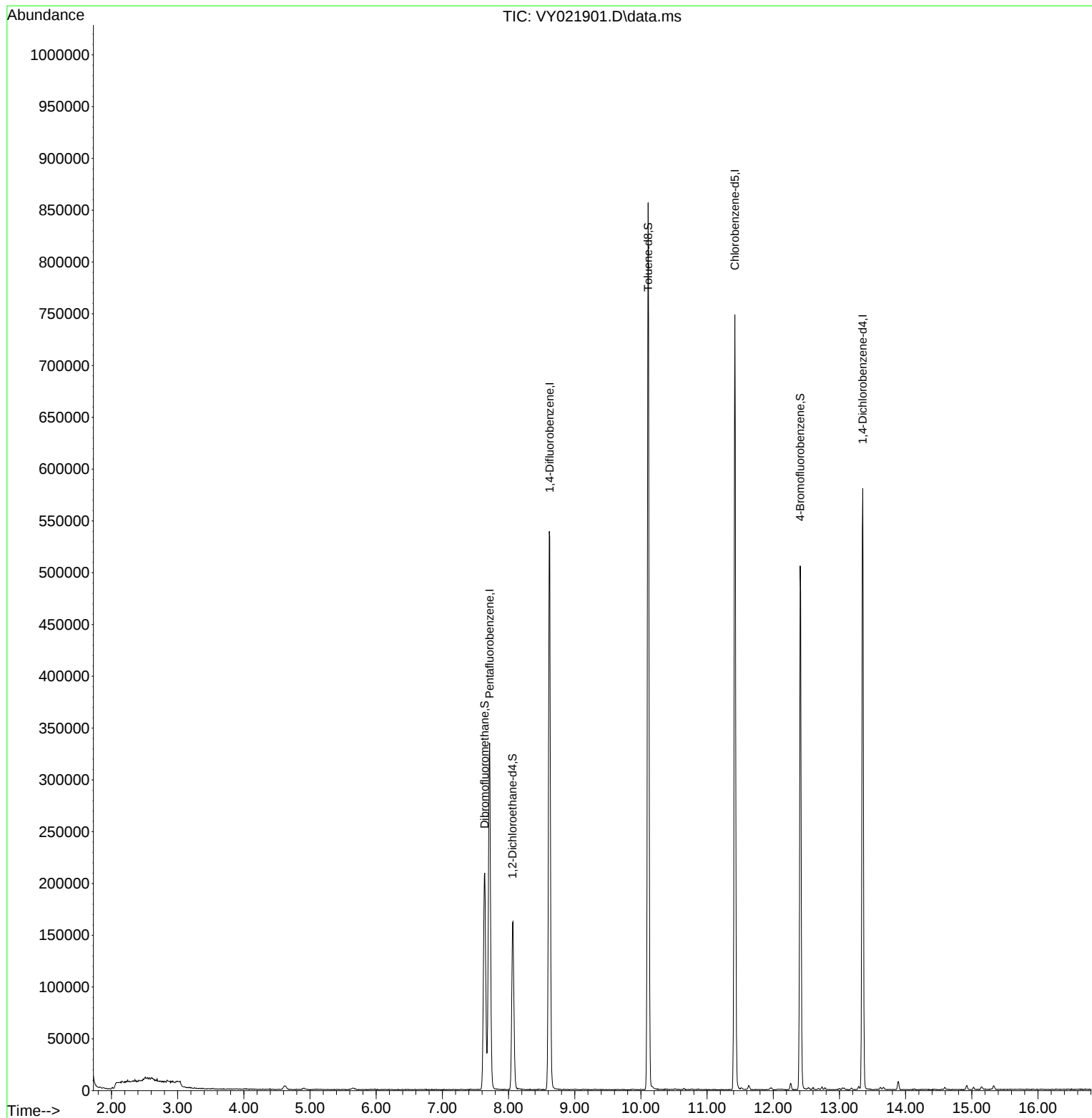
Target Compounds	Qvalue

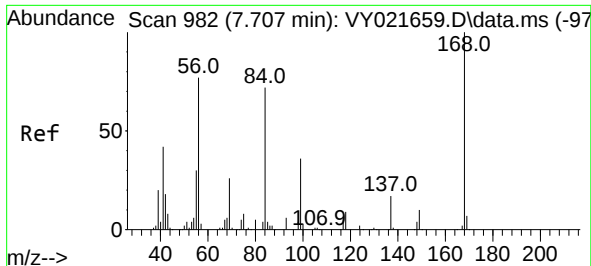
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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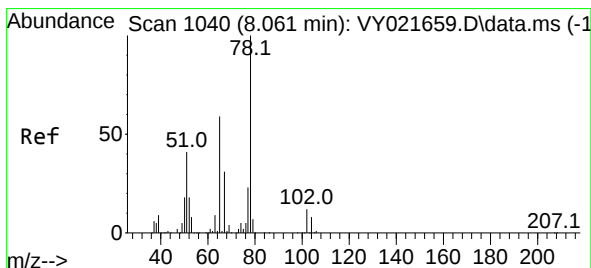
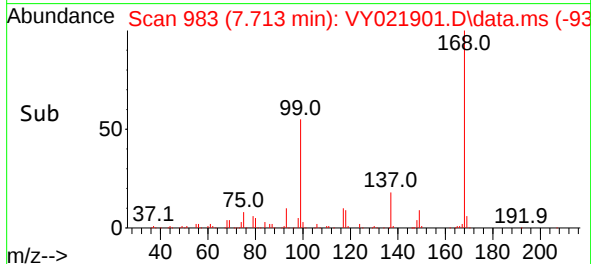
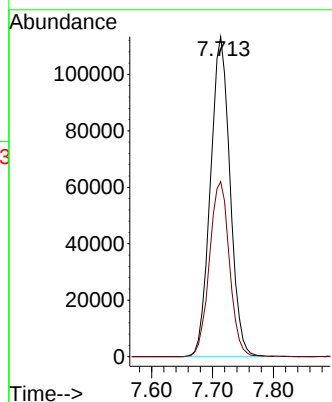
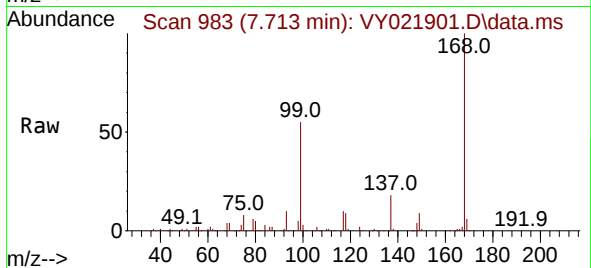




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021901.D
Acq: 17 Apr 2025 09:34

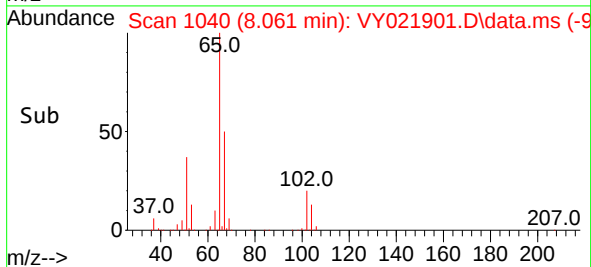
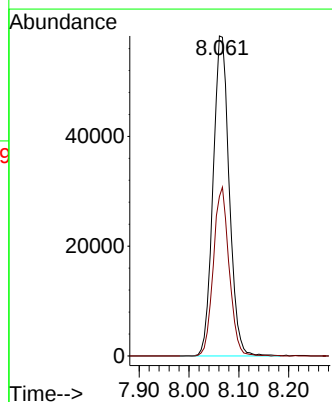
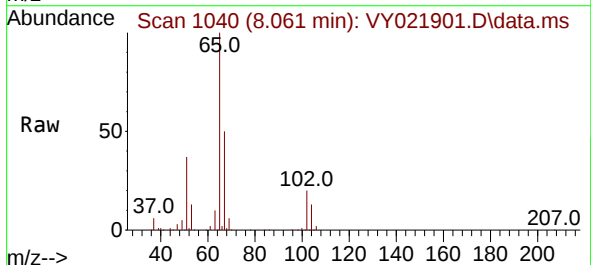
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBL01

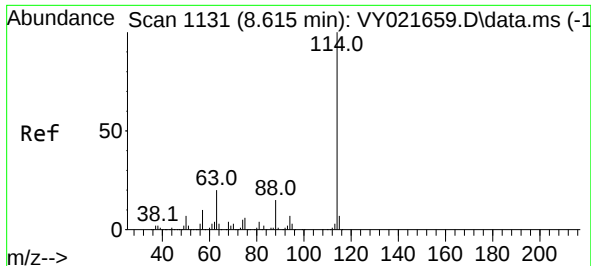
Tgt Ion:168 Resp: 253281
Ion Ratio Lower Upper
168 100
99 54.7 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 47.832 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021901.D
Acq: 17 Apr 2025 09:34

Tgt Ion: 65 Resp: 131262
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY021901.D

Acq: 17 Apr 2025 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBL01

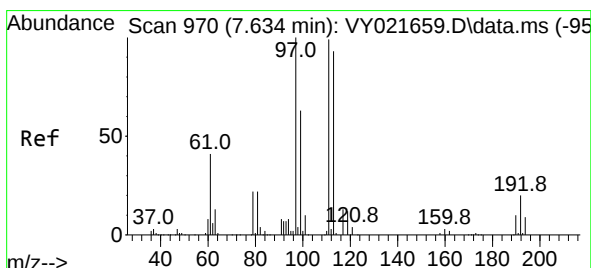
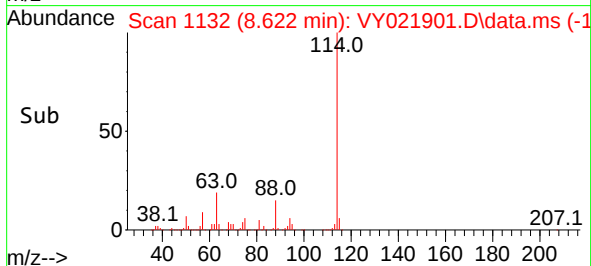
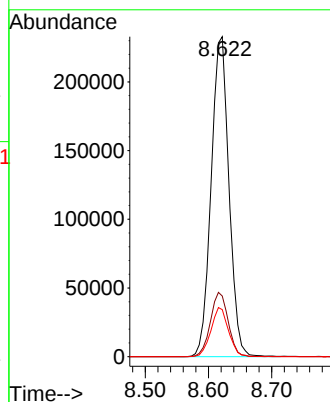
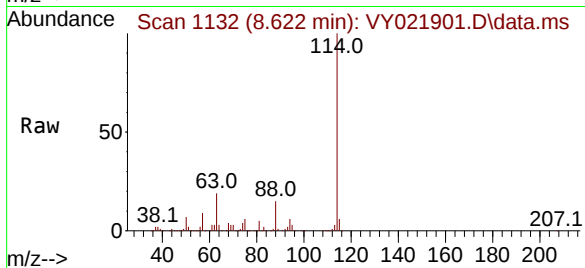
Tgt Ion:114 Resp: 455934

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.2

88 14.7 0.0 29.8



#35

Dibromofluoromethane

Concen: 50.610 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY021901.D

Acq: 17 Apr 2025 09:34

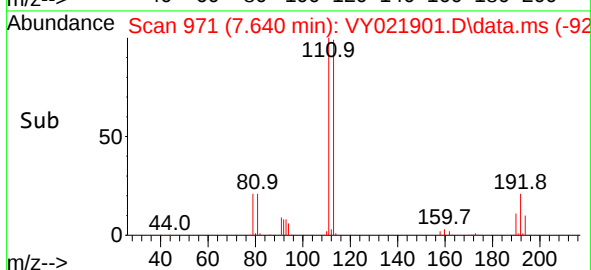
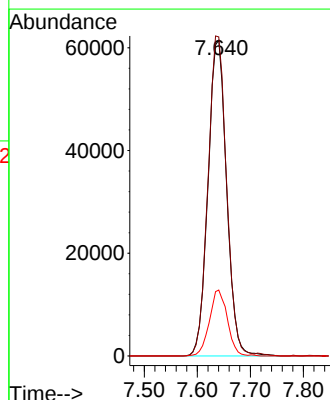
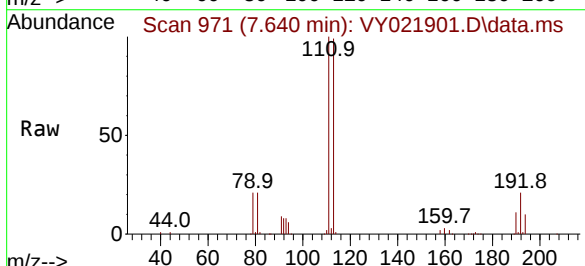
Tgt Ion:113 Resp: 149683

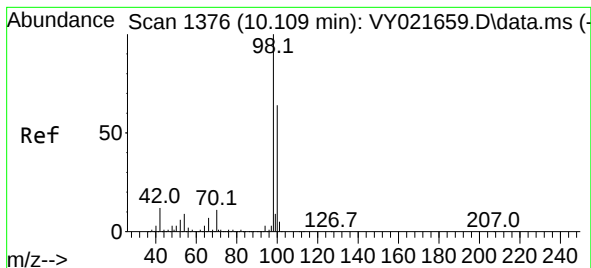
Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

192 20.2 16.2 24.4

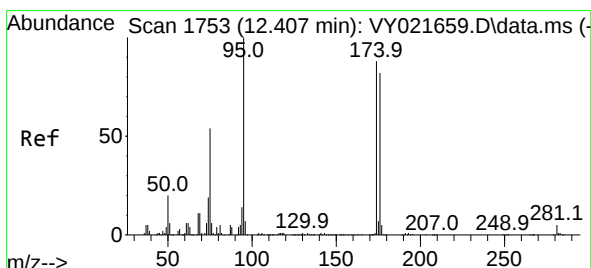
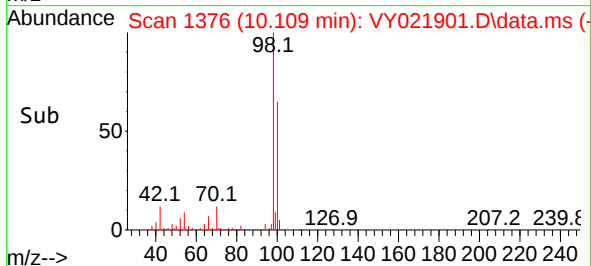
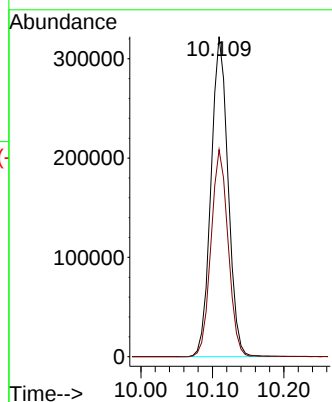
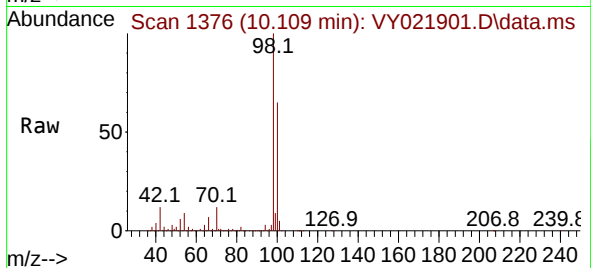




#50
Toluene-d8
Concen: 47.475 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021901.D
Acq: 17 Apr 2025 09:34

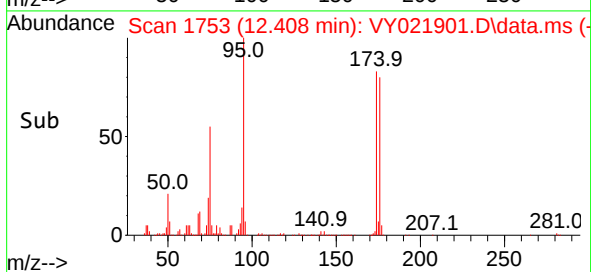
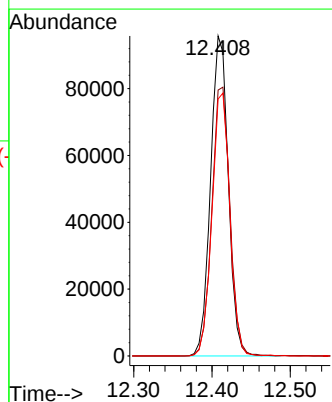
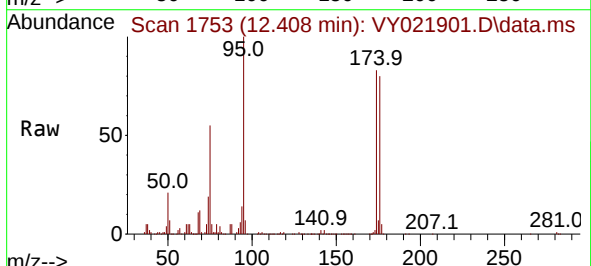
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBL01

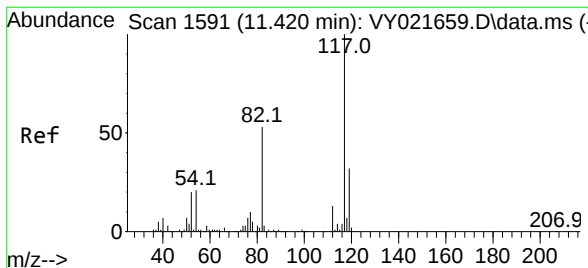
Tgt Ion: 98 Resp: 534168
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.631 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021901.D
Acq: 17 Apr 2025 09:34

Tgt Ion: 95 Resp: 150825
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.8
176 83.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021901.D

Acq: 17 Apr 2025 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBL01

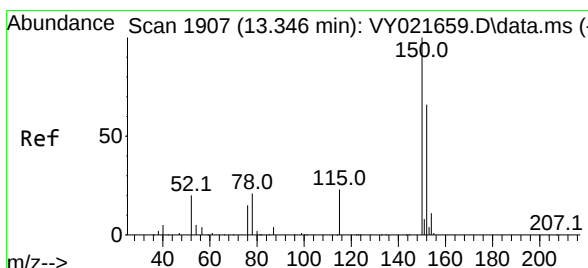
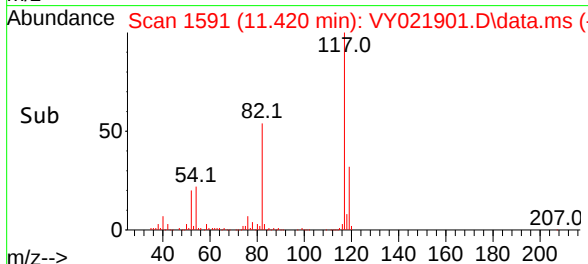
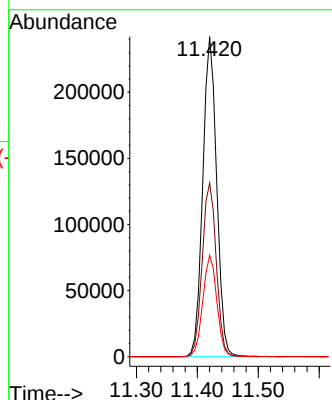
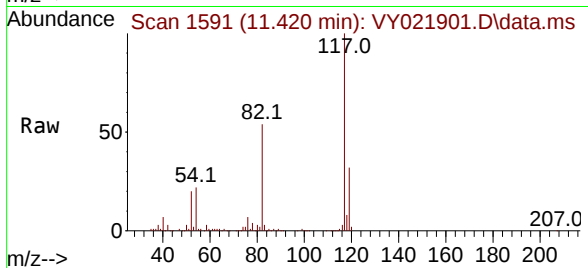
Tgt Ion:117 Resp: 384450

Ion Ratio Lower Upper

117 100

82 54.2 42.8 64.2

119 31.7 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021901.D

Acq: 17 Apr 2025 09:34

Tgt Ion:152 Resp: 145931

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 157.3 0.0 348.4

