

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019872.D
 Acq On : 11 Oct 2024 15:24
 Operator : SY/MD
 Sample : P4385-05
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

Quant Time: Oct 14 01:48:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	233935	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	466040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	405476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	148777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	158555	55.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.100%
35) Dibromofluoromethane	7.640	113	150840	49.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.109	98	567565	49.976	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.402	95	171205	41.721	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.440%

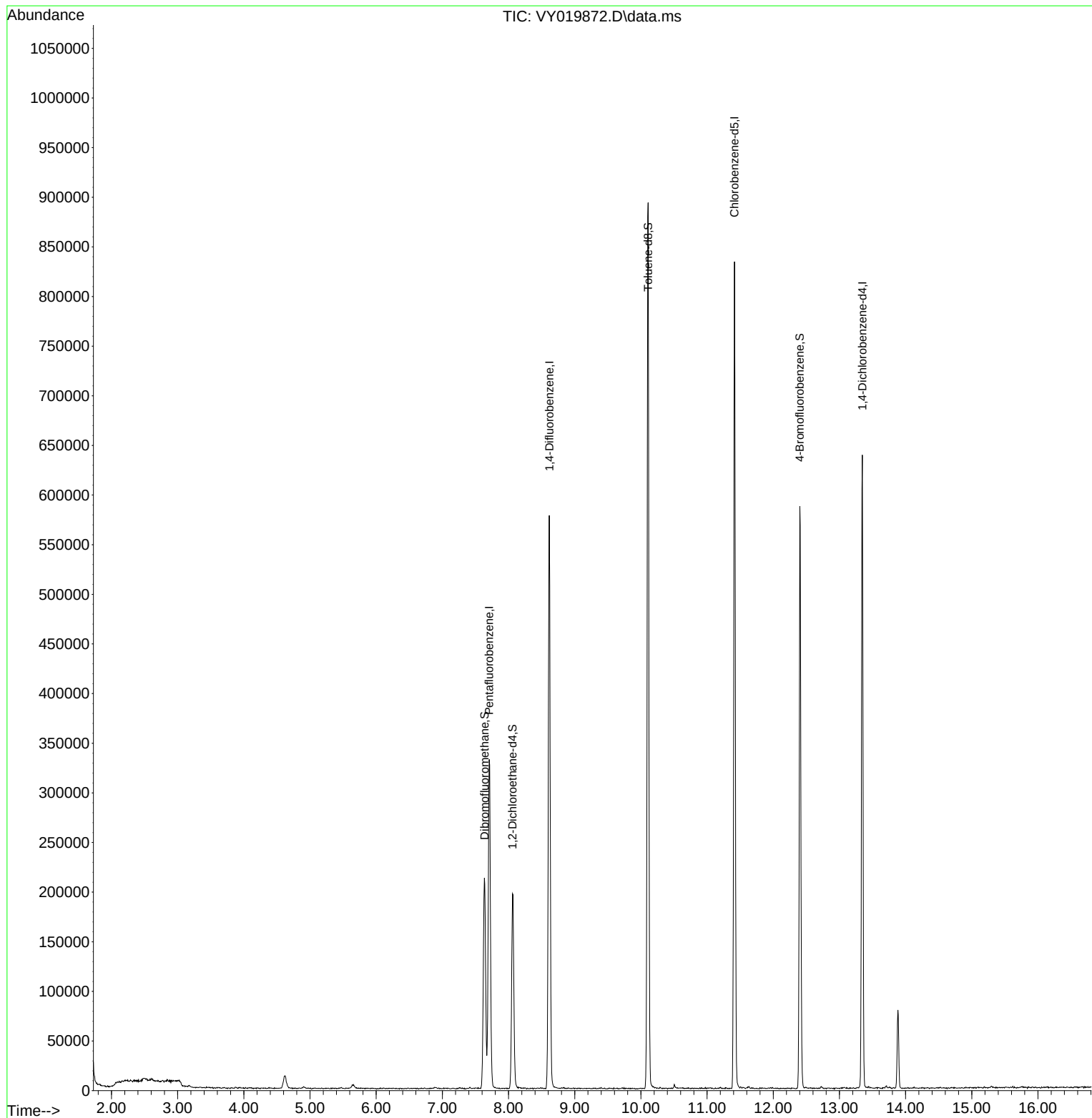
Target Compounds	Qvalue

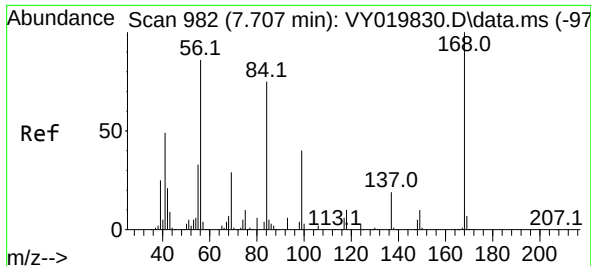
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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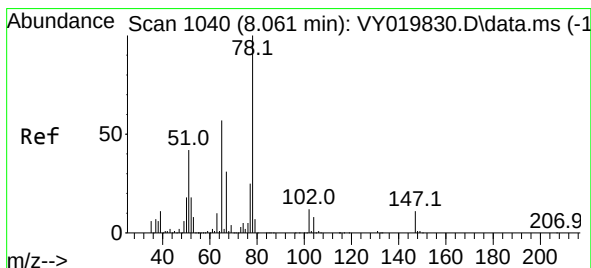
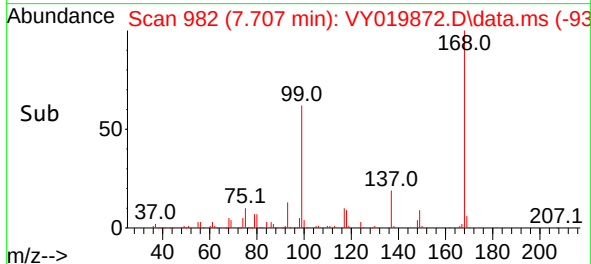
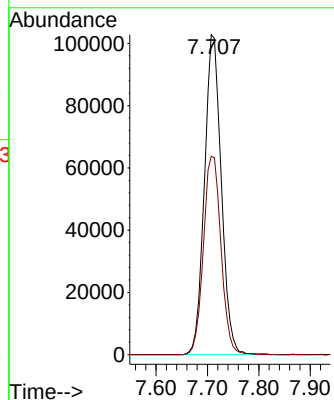
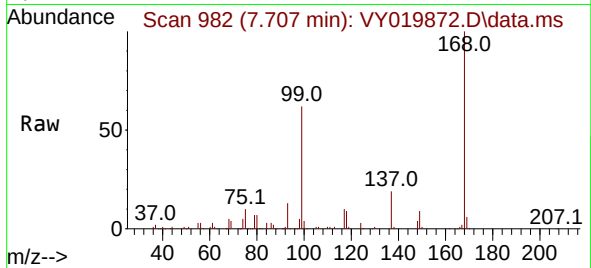




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019872.D
Acq: 11 Oct 2024 15:24

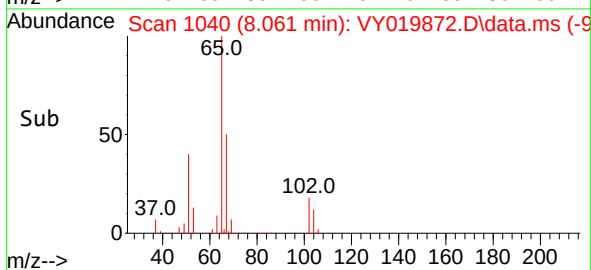
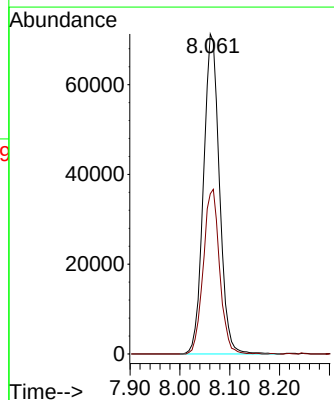
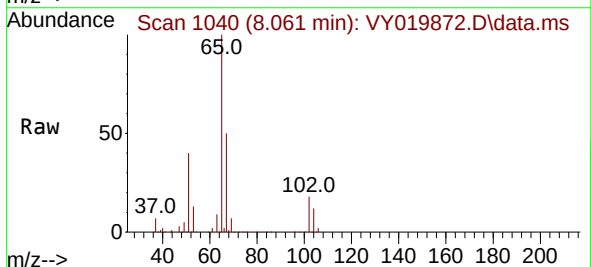
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

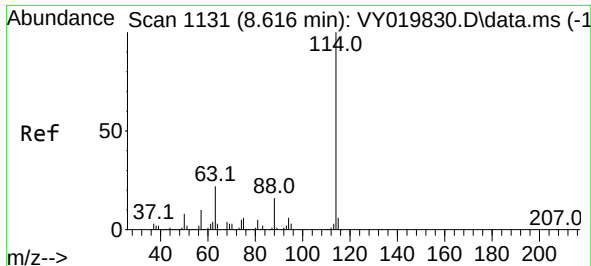
Tgt Ion:168 Resp: 233935
Ion Ratio Lower Upper
168 100
99 62.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.046 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019872.D
Acq: 11 Oct 2024 15:24

Tgt Ion: 65 Resp: 158555
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019872.D

Acq: 11 Oct 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

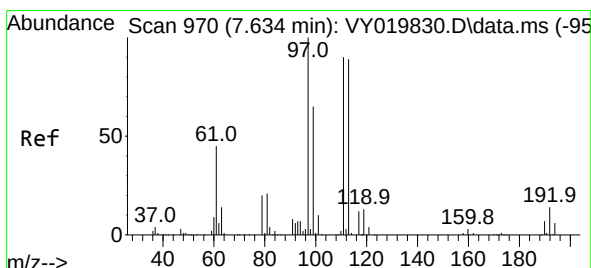
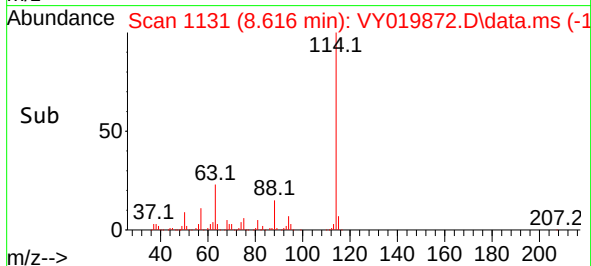
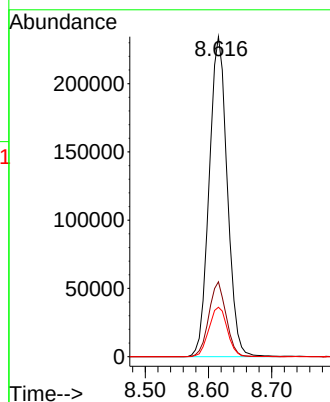
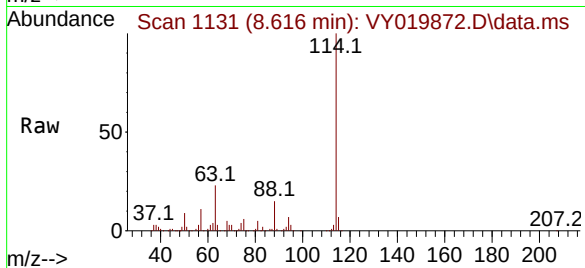
Tgt Ion:114 Resp: 466040

Ion Ratio Lower Upper

114 100

63 23.4 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.048 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.007 min

Lab File: VY019872.D

Acq: 11 Oct 2024 15:24

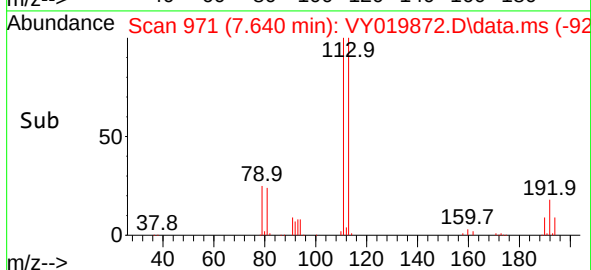
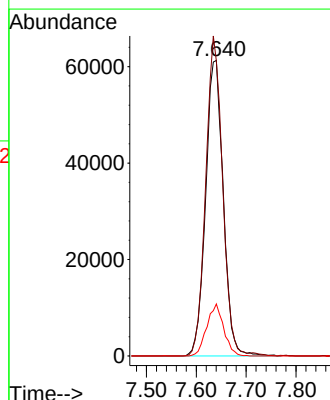
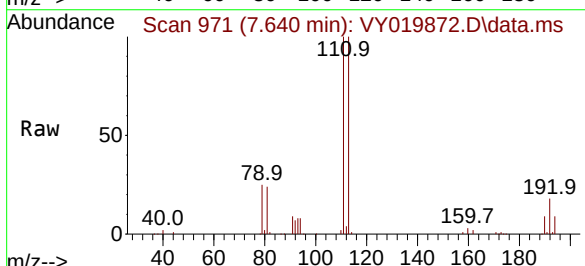
Tgt Ion:113 Resp: 150840

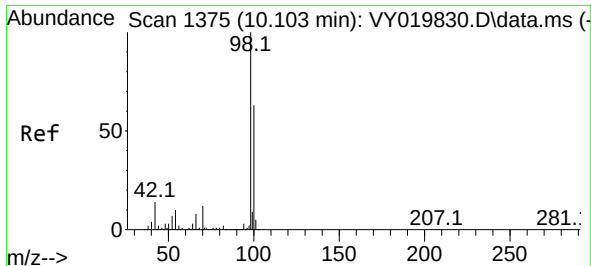
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 16.9 15.9 23.9

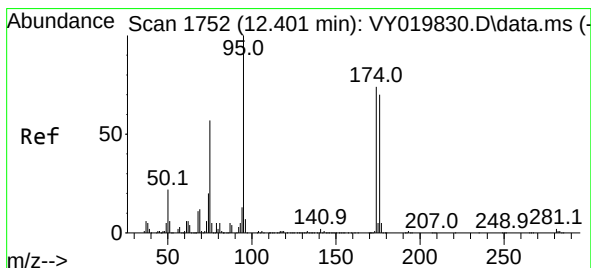
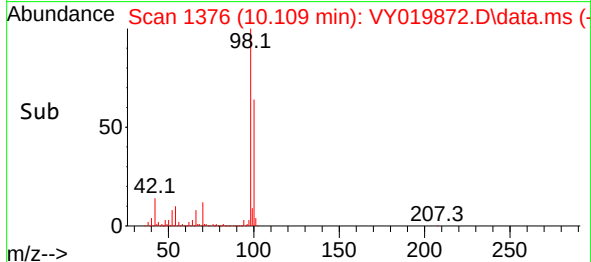
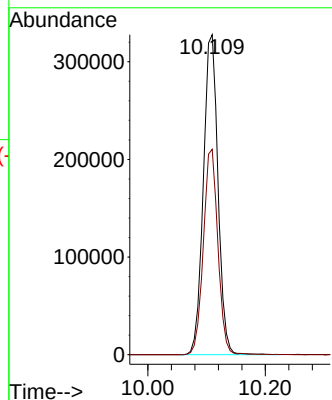
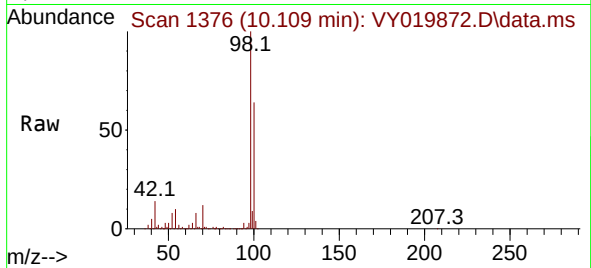




#50
Toluene-d8
Concen: 49.976 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019872.D
Acq: 11 Oct 2024 15:24

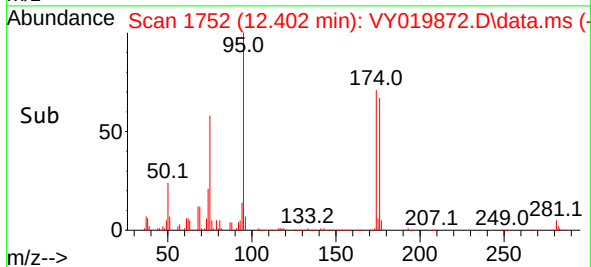
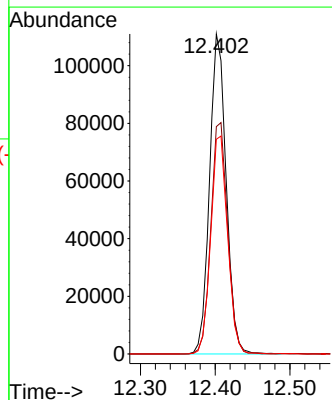
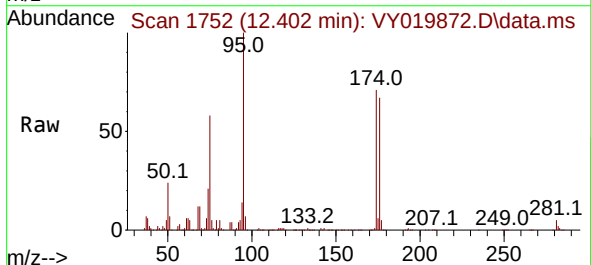
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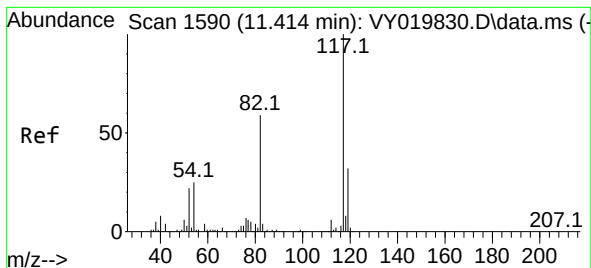
Tgt Ion: 98 Resp: 567565
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.721 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019872.D
Acq: 11 Oct 2024 15:24

Tgt Ion: 95 Resp: 171205
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 69.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019872.D

Acq: 11 Oct 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

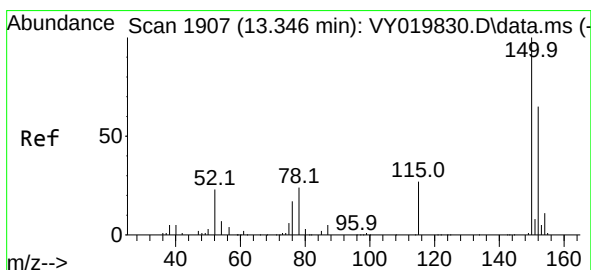
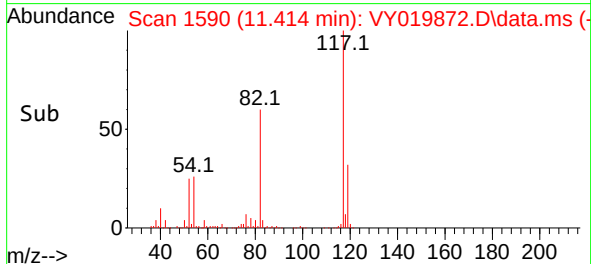
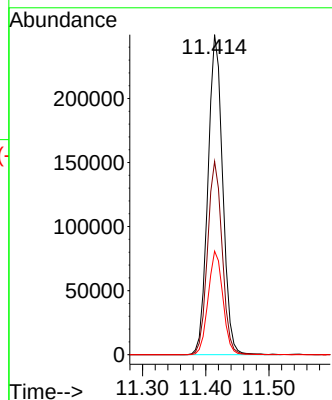
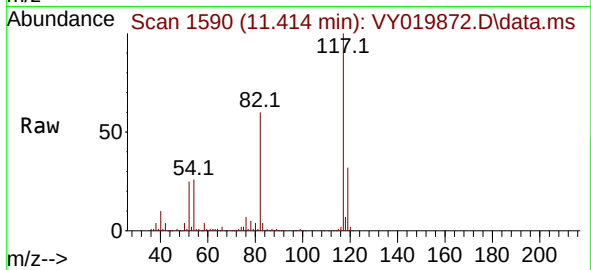
Tgt Ion:117 Resp: 405476

Ion Ratio Lower Upper

117 100

82 60.4 42.4 63.6

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019872.D

Acq: 11 Oct 2024 15:24

Tgt Ion:152 Resp: 148777

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 153.9 0.0 345.6

