

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019930.D
 Acq On : 17 Oct 2024 14:27
 Operator : SY/MD
 Sample : P4425-01
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Oct 18 01:41:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	229747	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	481757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	436614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	160858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	171408	60.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.180%
35) Dibromofluoromethane	7.634	113	160024	50.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.680%
50) Toluene-d8	10.109	98	587844	50.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.401	95	184106	43.401	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.800%

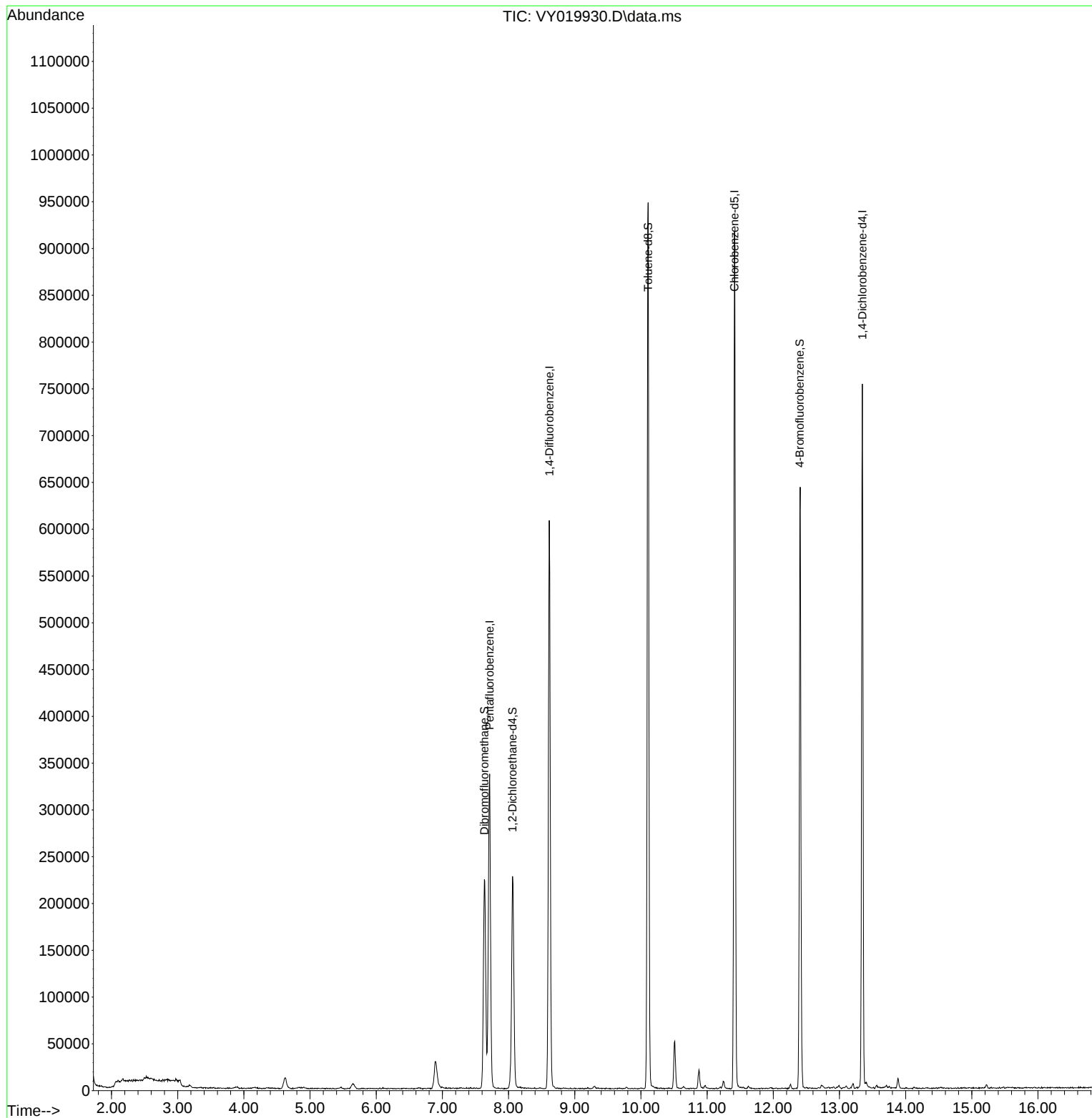
Target Compounds	Qvalue

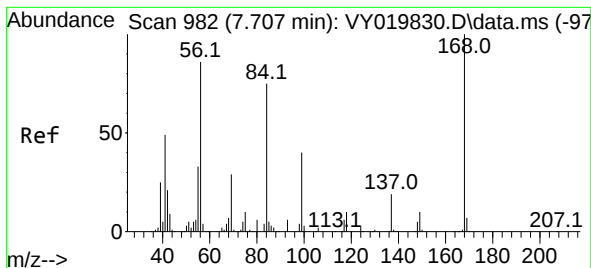
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY019930.D

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Instrument :

MSVOA_Y

ClientSampleId :

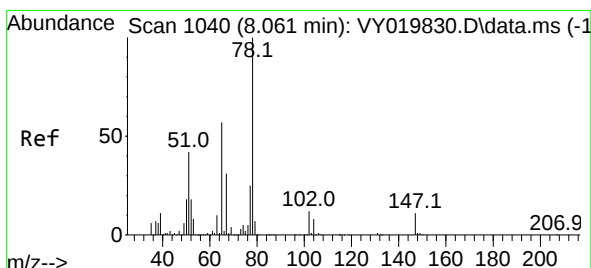
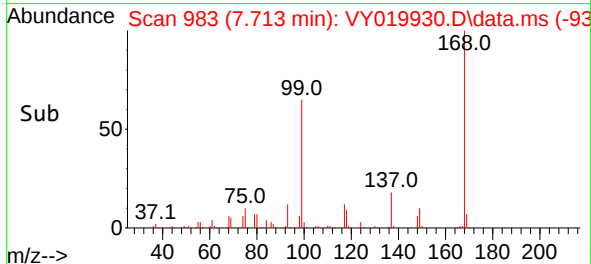
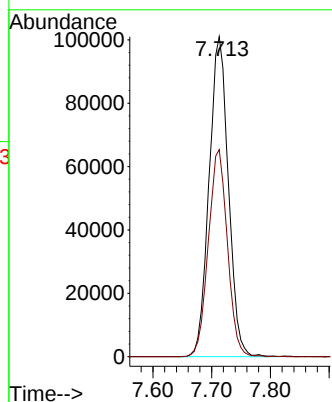
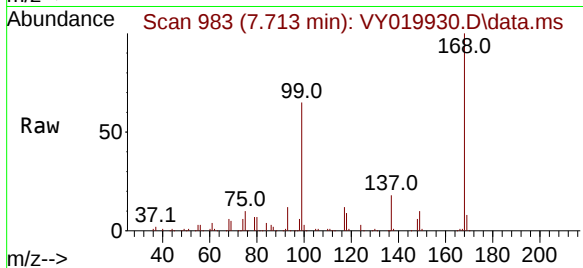
TP-1

Tgt Ion:168 Resp: 229747

Ion Ratio Lower Upper

168 100

99 64.7 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 60.593 ug/l

RT: 8.060 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY019930.D

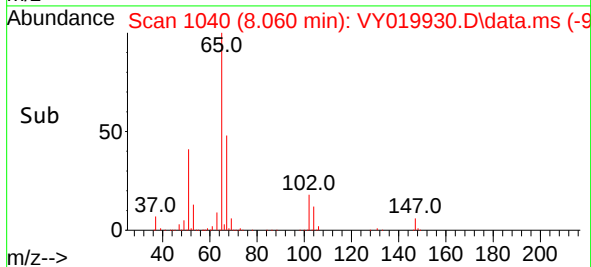
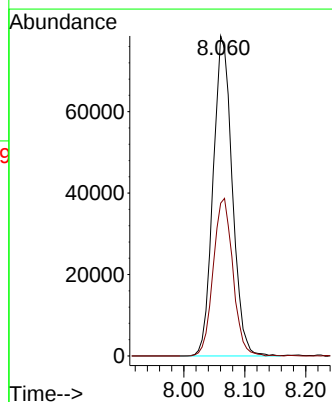
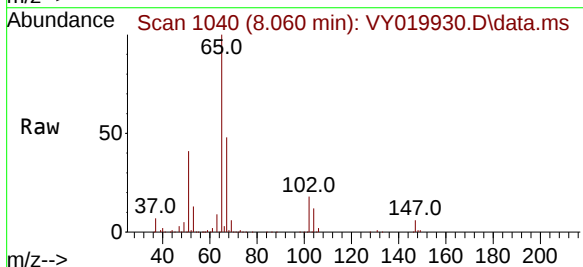
Acq: 17 Oct 2024 14:27

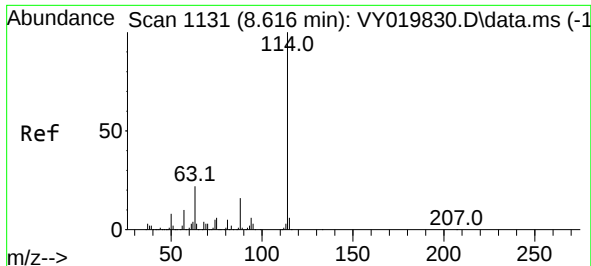
Tgt Ion: 65 Resp: 171408

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY019930.D

Acq: 17 Oct 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

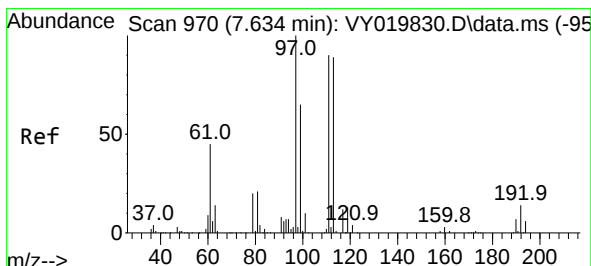
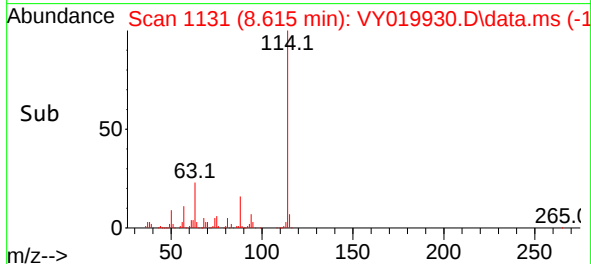
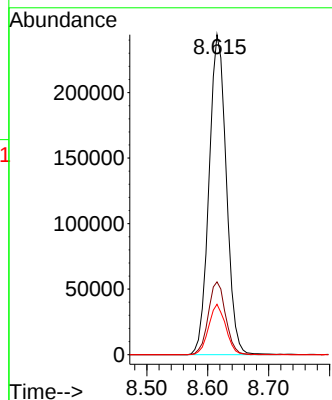
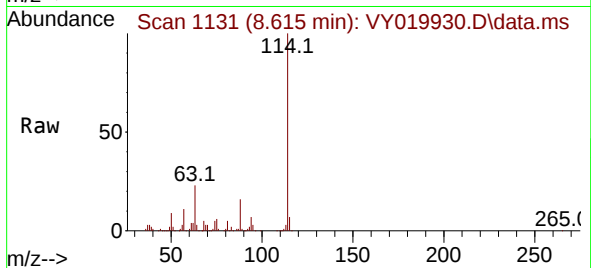
Tgt Ion:114 Resp: 481757

Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.337 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY019930.D

Acq: 17 Oct 2024 14:27

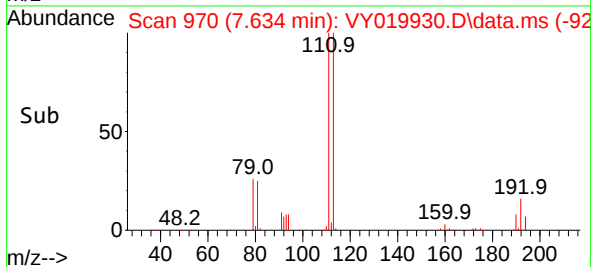
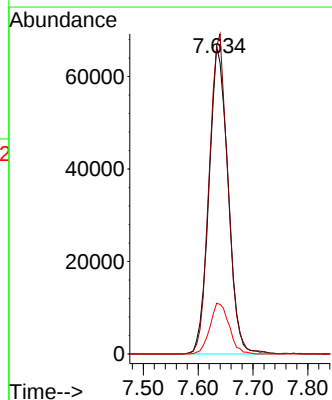
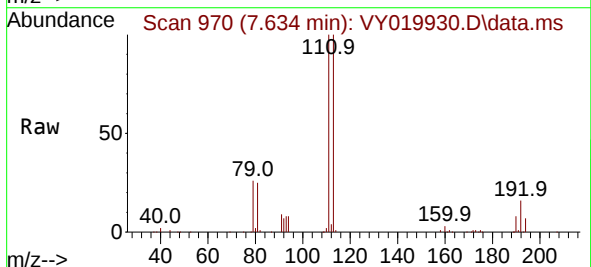
Tgt Ion:113 Resp: 160024

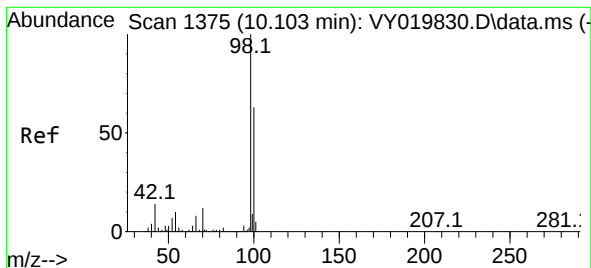
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 16.6 15.9 23.9

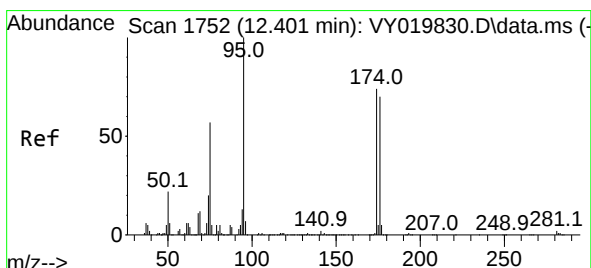
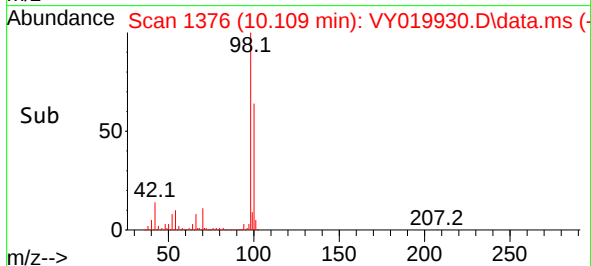
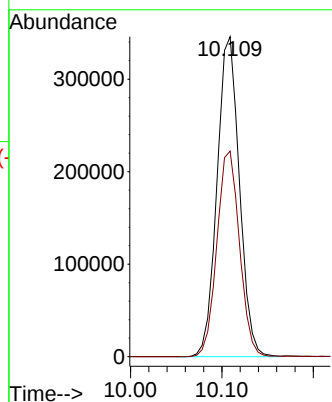
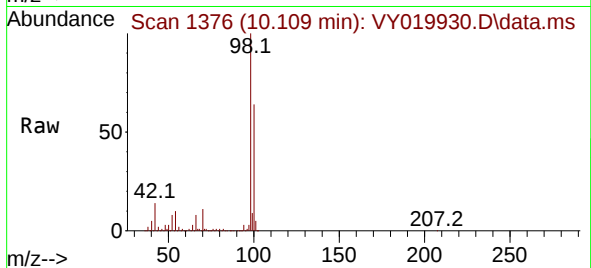




#50
Toluene-d8
Concen: 50.073 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

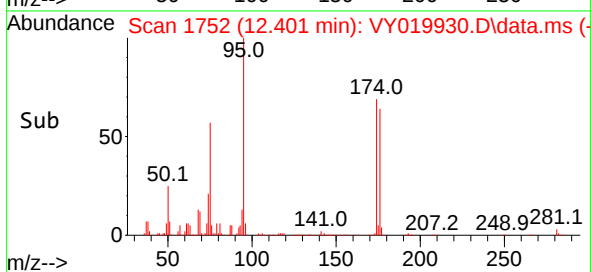
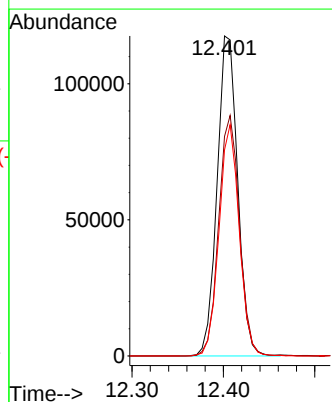
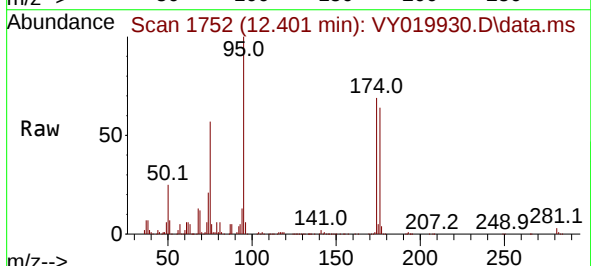
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

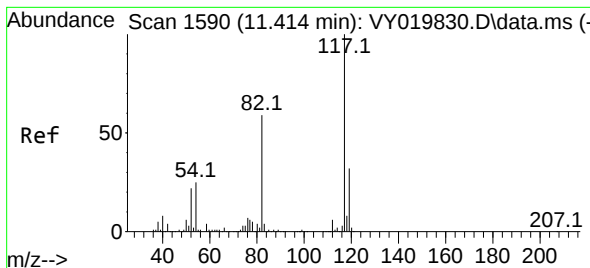
Tgt Ion: 98 Resp: 587844
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.401 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

Tgt Ion: 95 Resp: 184106
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 70.8 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: VY019930.D

Acq: 17 Oct 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

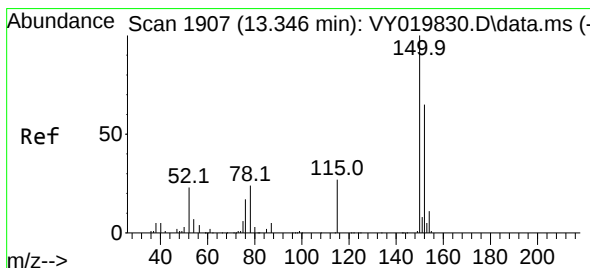
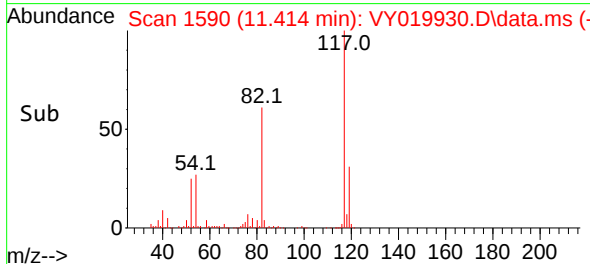
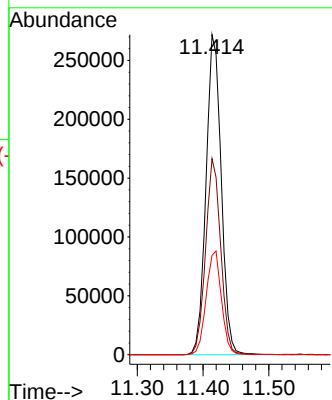
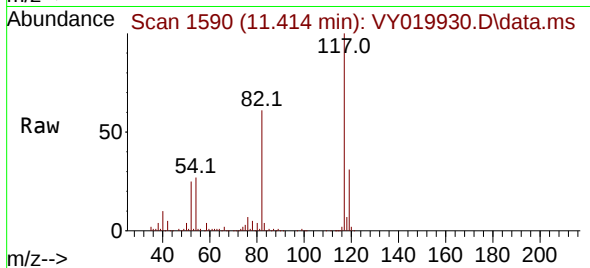
Tgt Ion:117 Resp: 436614

Ion Ratio Lower Upper

117 100

82 61.3 42.4 63.6

119 31.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019930.D

Acq: 17 Oct 2024 14:27

Tgt Ion:152 Resp: 160858

Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 156.5 0.0 345.6

