

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019928.D
 Acq On : 17 Oct 2024 13:41
 Operator : SY/MD
 Sample : P4425-05
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Oct 18 01:40:56 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	239321	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	491804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	442546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	156184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165349	56.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.220%
35) Dibromofluoromethane	7.640	113	163231	50.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.109	98	601562	50.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.408	95	185264	42.782	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.560%

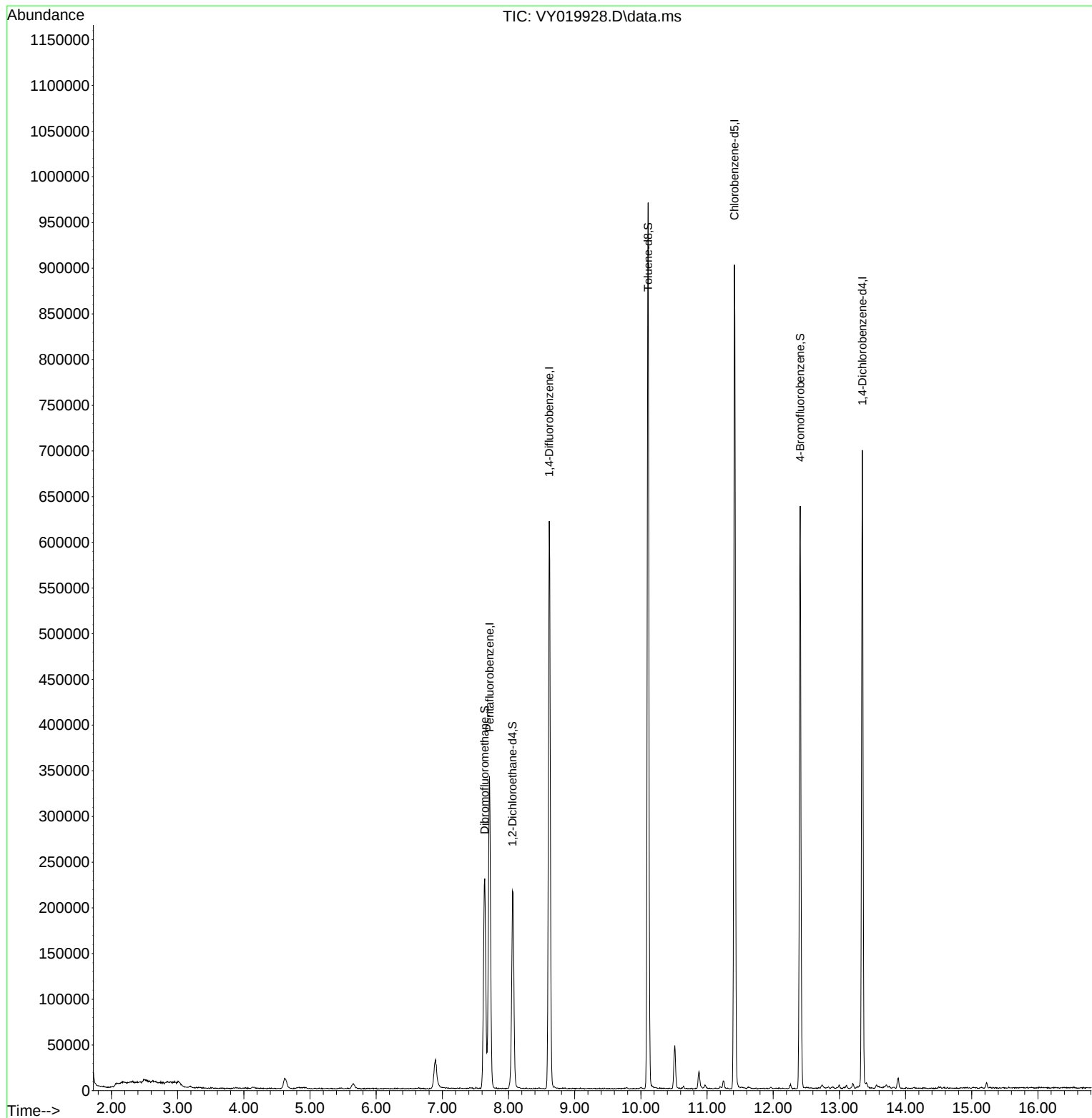
Target Compounds	Qvalue

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

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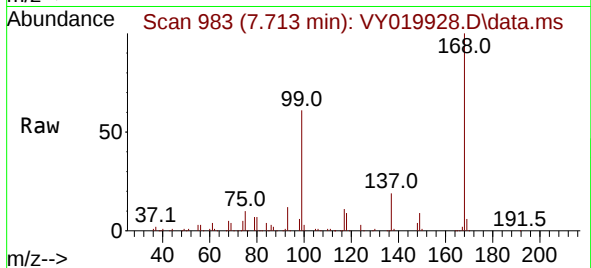
Quant Time: Oct 18 01:40:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
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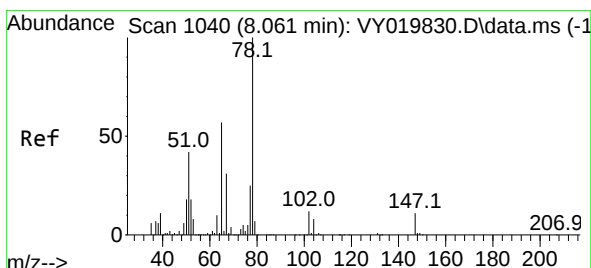
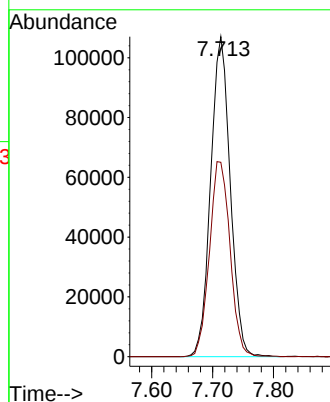
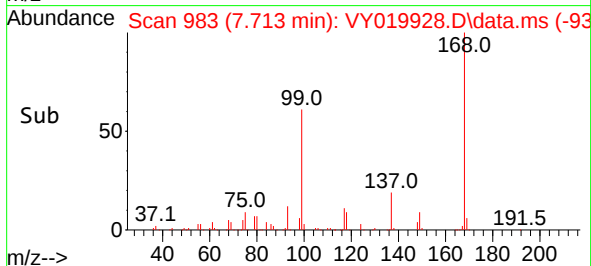


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019928.D
Acq: 17 Oct 2024 13:41

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TP-3

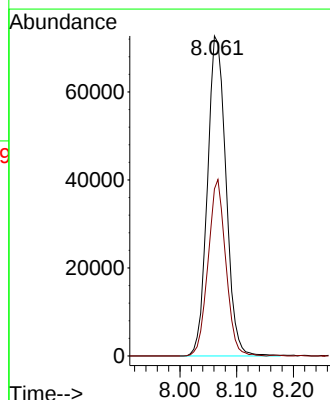
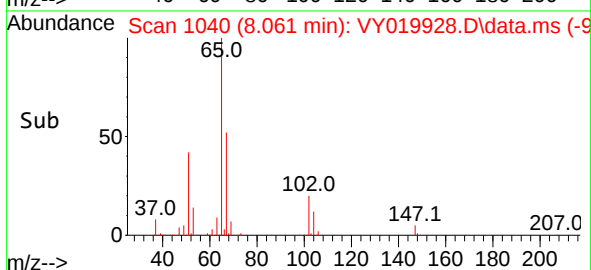
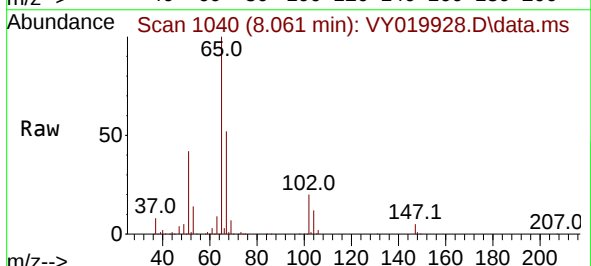


Tgt Ion:168 Resp: 239321
Ion Ratio Lower Upper
168 100
99 60.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 56.112 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019928.D
Acq: 17 Oct 2024 13:41

Tgt Ion: 65 Resp: 165349
Ion Ratio Lower Upper
65 100
67 52.6 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: VY019928.D

Acq: 17 Oct 2024 13:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

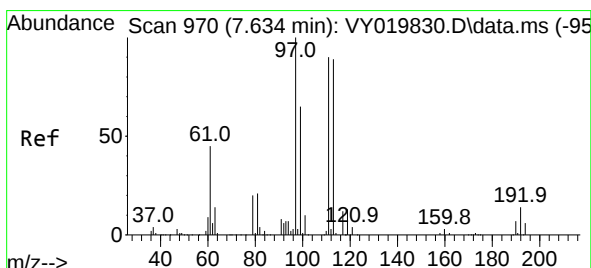
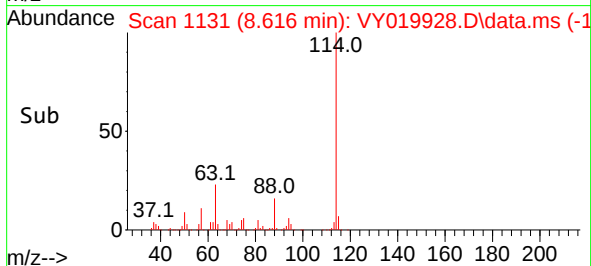
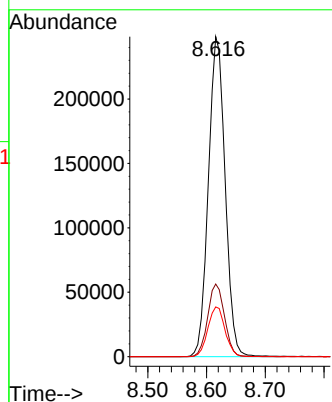
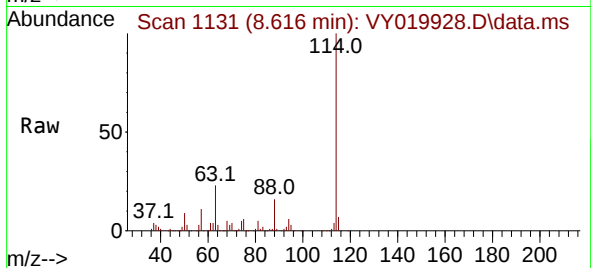
Tgt Ion:114 Resp: 491804

Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.297 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY019928.D

Acq: 17 Oct 2024 13:41

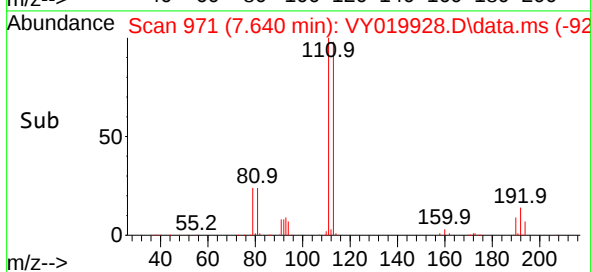
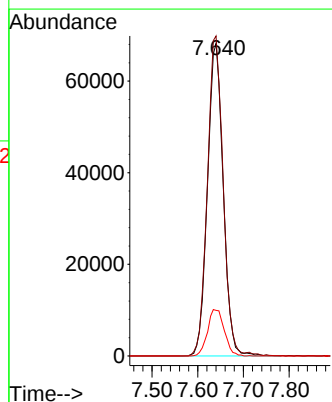
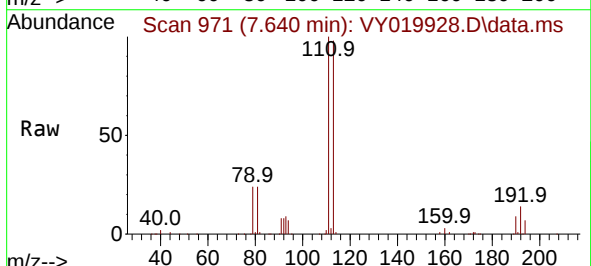
Tgt Ion:113 Resp: 163231

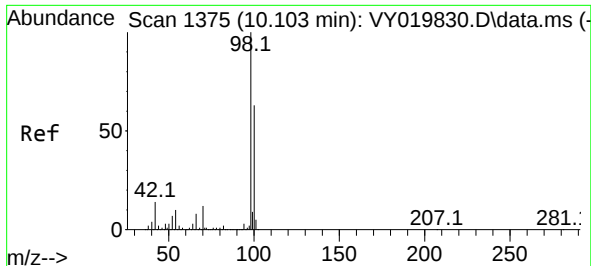
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 15.8 15.9 23.9#

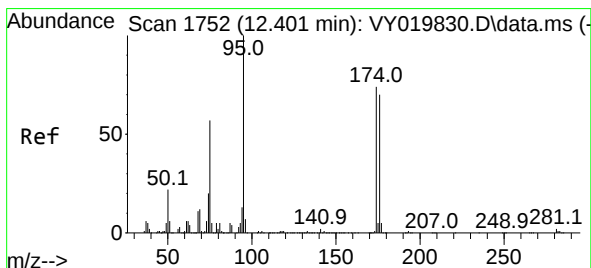
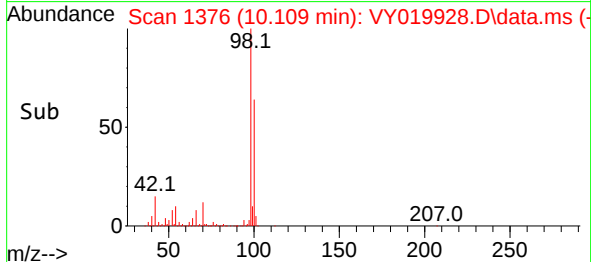
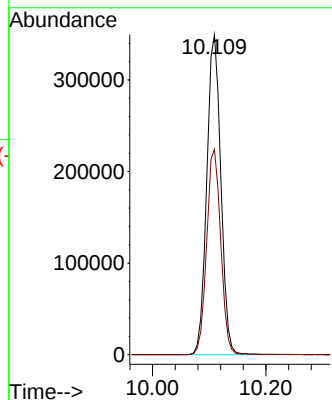
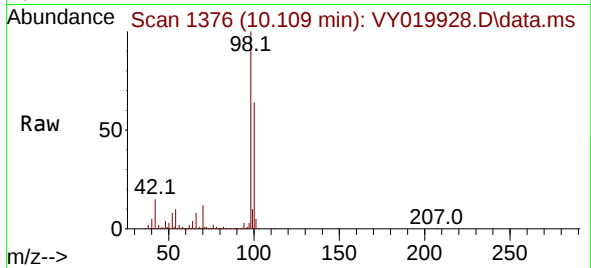




#50
Toluene-d8
Concen: 50.194 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019928.D
Acq: 17 Oct 2024 13:41

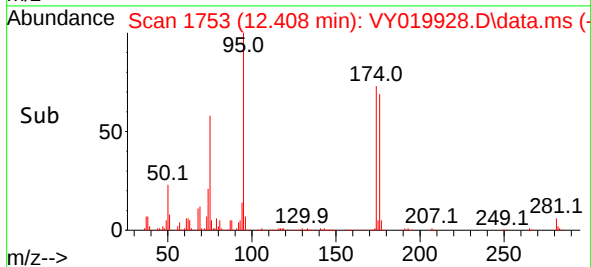
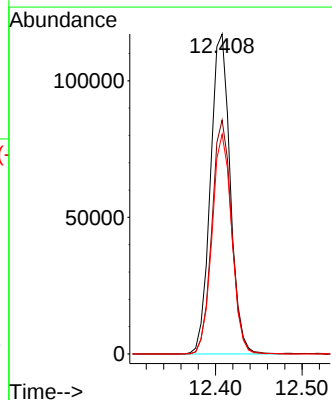
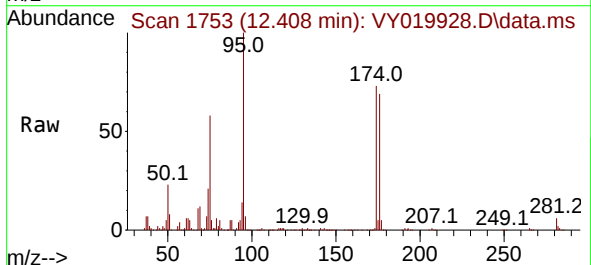
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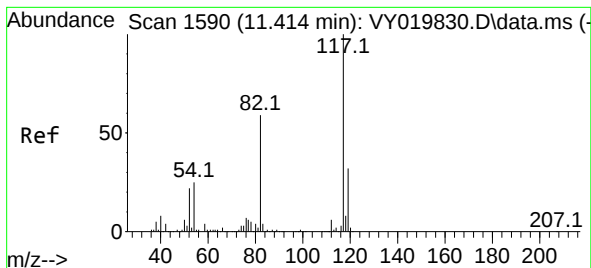
Tgt Ion: 98 Resp: 601562
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.782 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019928.D
Acq: 17 Oct 2024 13:41

Tgt Ion: 95 Resp: 185264
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 68.7 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: VY019928.D

Acq: 17 Oct 2024 13:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

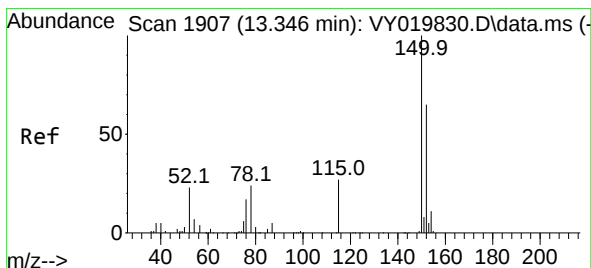
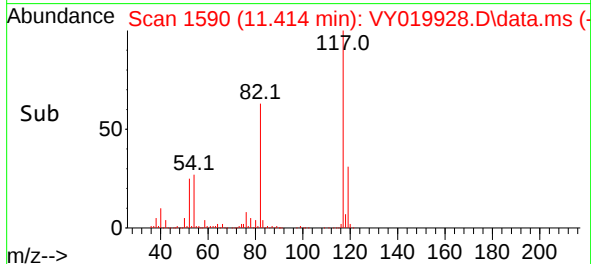
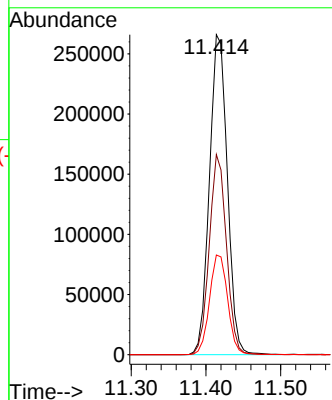
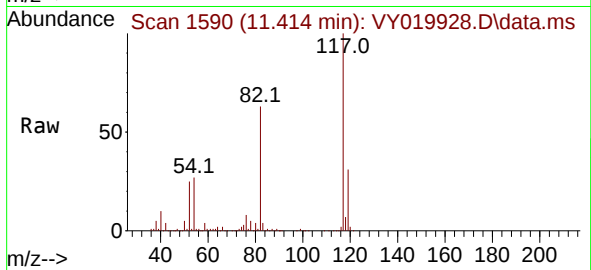
Tgt Ion:117 Resp: 442546

Ion Ratio Lower Upper

117 100

82 62.6 42.4 63.6

119 31.1 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: VY019928.D

Acq: 17 Oct 2024 13:41

Tgt Ion:152 Resp: 156184

Ion Ratio Lower Upper

152 100

115 62.7 28.2 84.7

150 159.2 0.0 345.6

