

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019974.D
 Acq On : 22 Oct 2024 12:26
 Operator : SY/MD
 Sample : P4467-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-VOC

Quant Time: Oct 23 01:27:23 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	217854	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	458881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	427187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	148963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160442	59.812	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.620%	
35) Dibromofluoromethane	7.634	113	154596	51.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.103	98	568032	50.797	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.402	95	177789	44.001	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.000%	

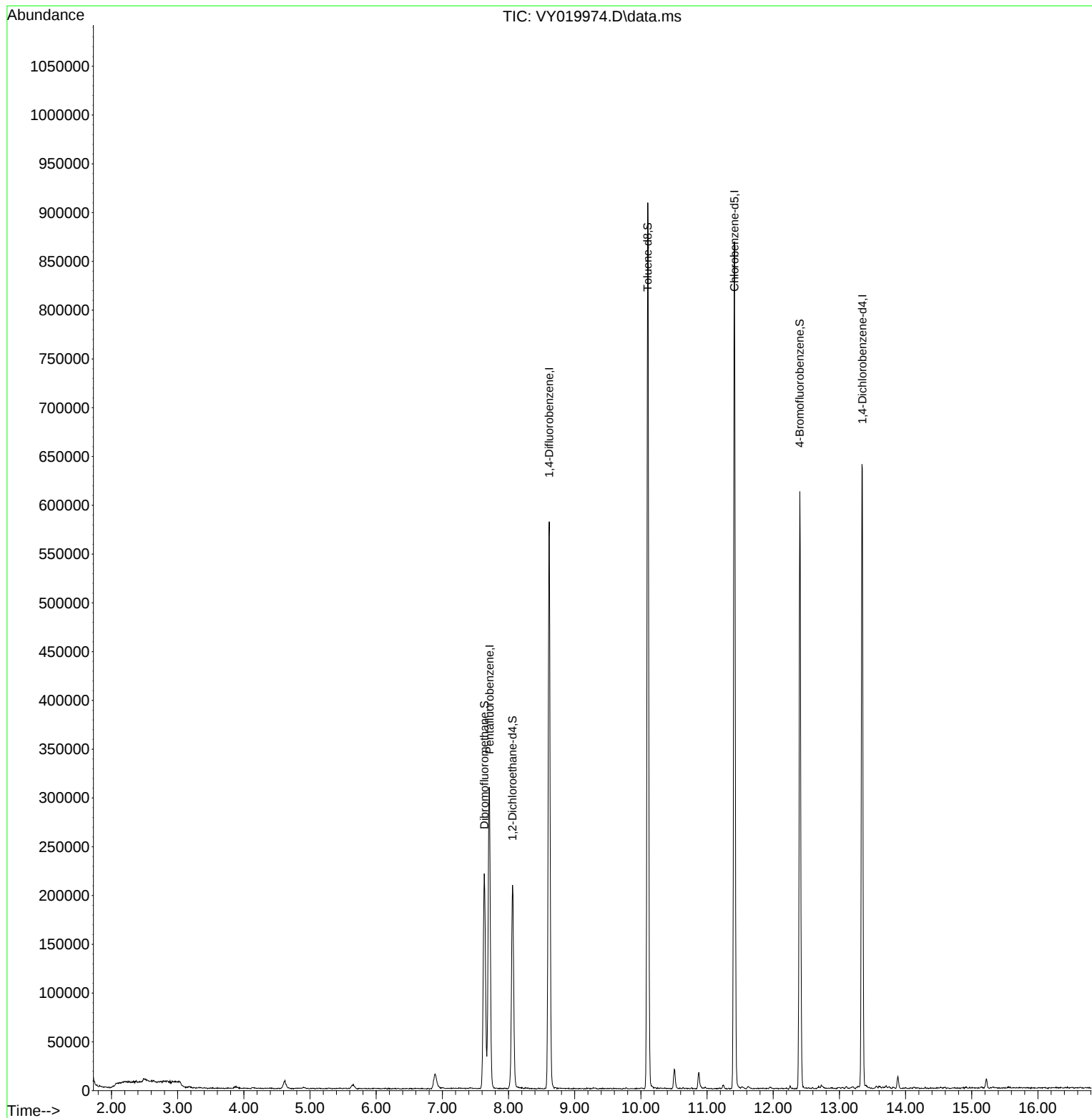
Target Compounds	Qvalue

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

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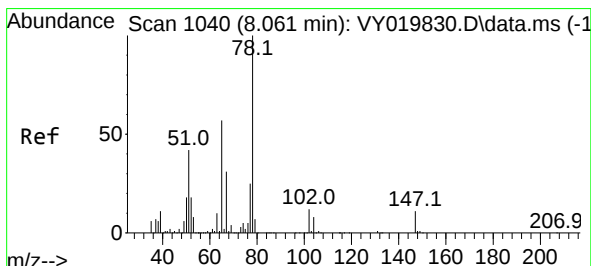
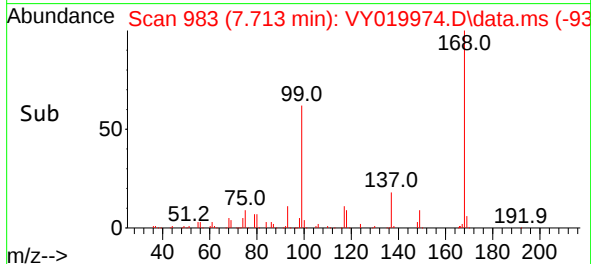
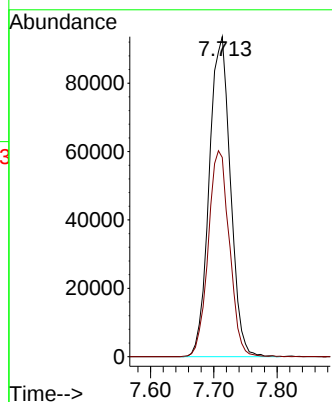
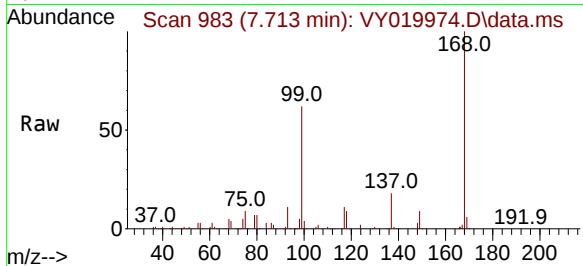




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

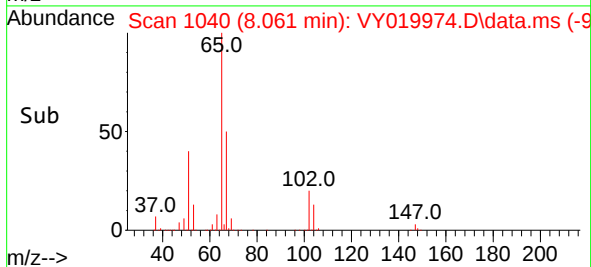
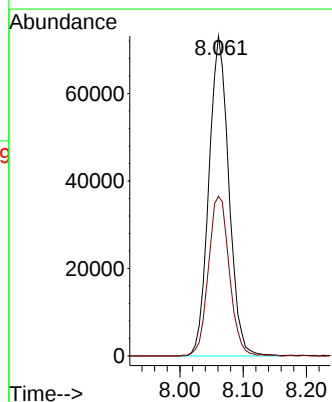
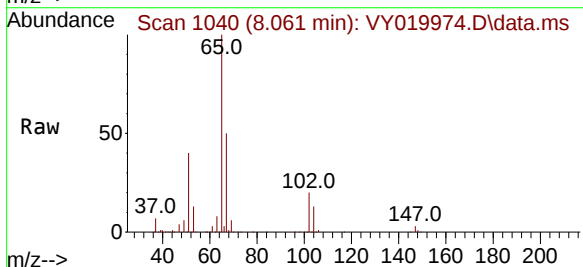
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

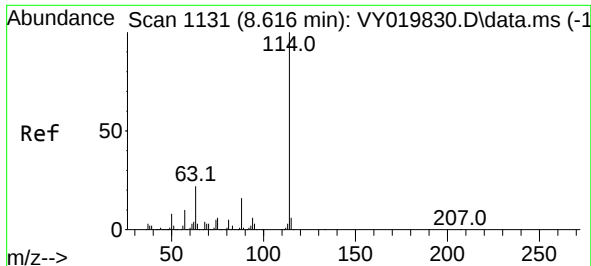
Tgt Ion:168 Resp: 217854
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.812 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

Tgt Ion: 65 Resp: 160442
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

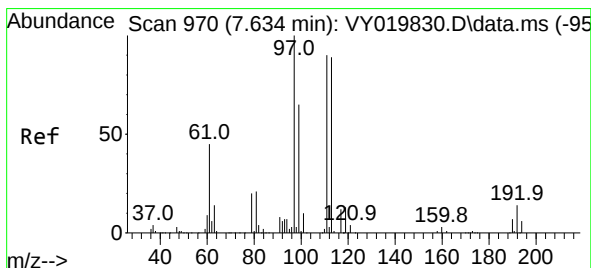
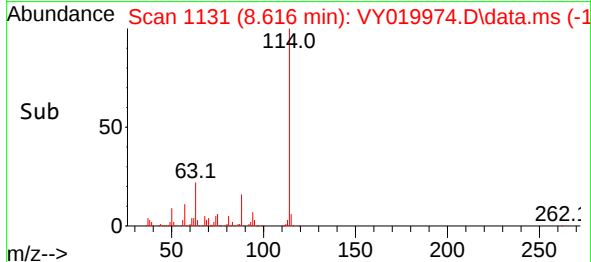
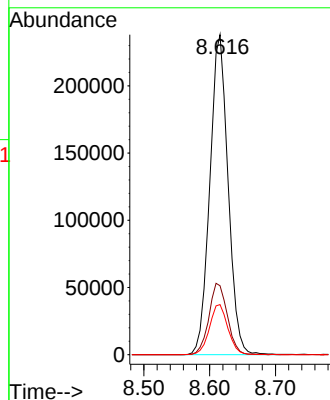
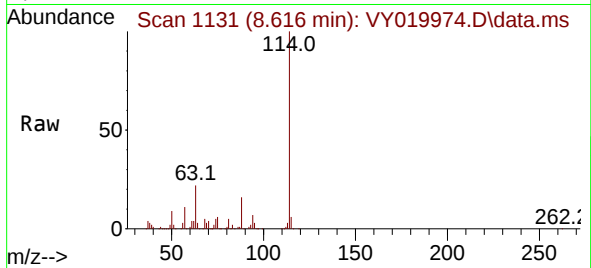




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

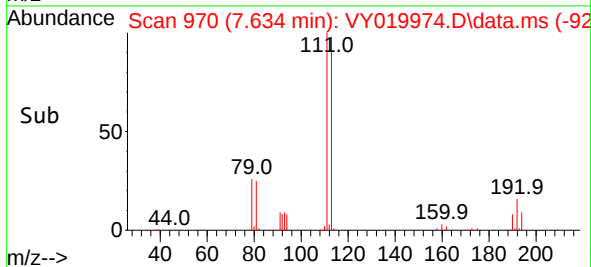
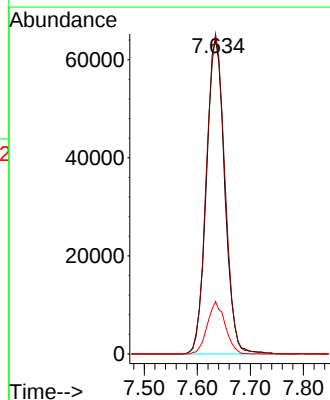
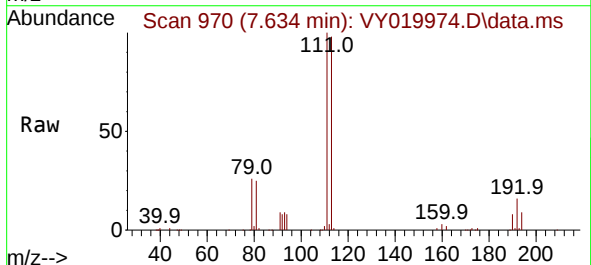
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

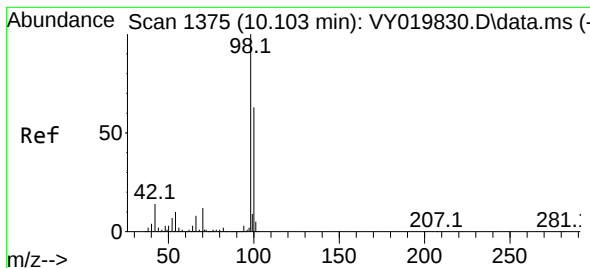
Tgt Ion:114 Resp: 458881
Ion Ratio Lower Upper
114 100
63 21.5 0.0 35.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.054 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019974.D
Acq: 22 Oct 2024 12:26

Tgt Ion:113 Resp: 154596
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 16.1 15.9 23.9





#50

Toluene-d8

Concen: 50.797 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019974.D

Acq: 22 Oct 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

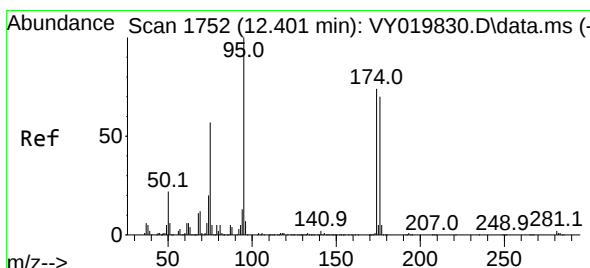
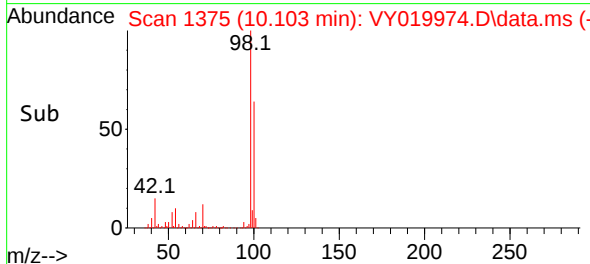
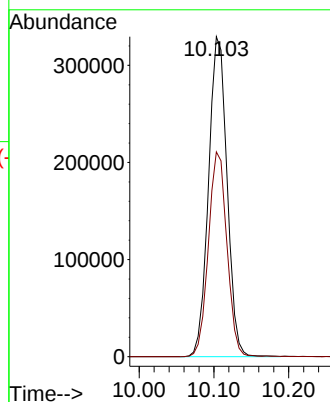
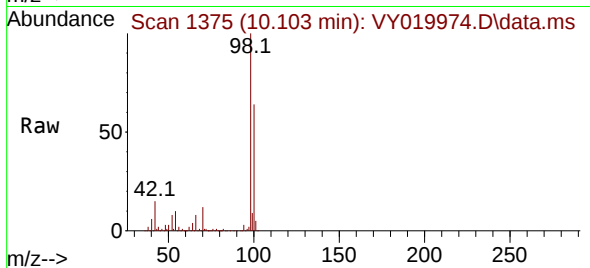
TP-1-VOC

Tgt Ion: 98 Resp: 568032

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.001 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019974.D

Acq: 22 Oct 2024 12:26

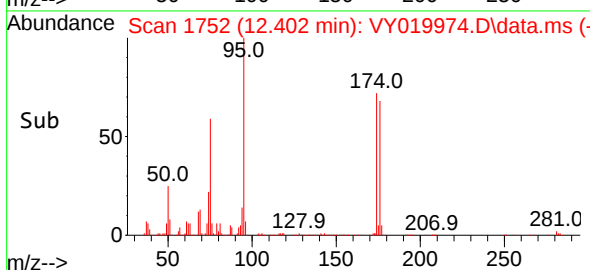
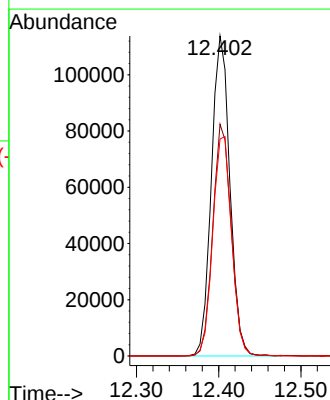
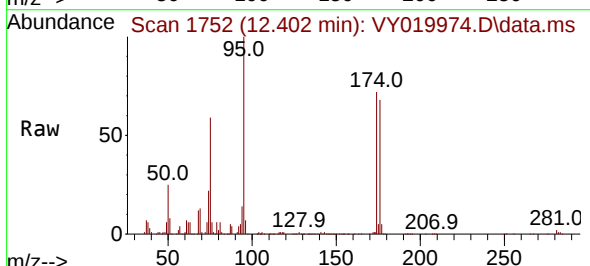
Tgt Ion: 95 Resp: 177789

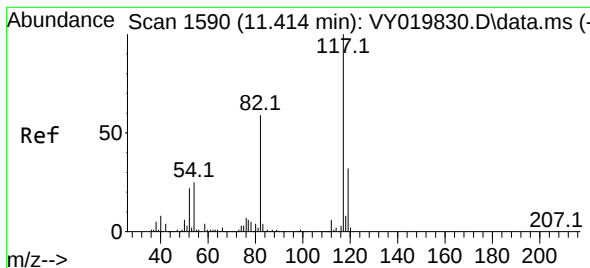
Ion Ratio Lower Upper

95 100

174 72.4 0.0 175.6

176 70.1 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: VY019974.D

Acq: 22 Oct 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-VOC

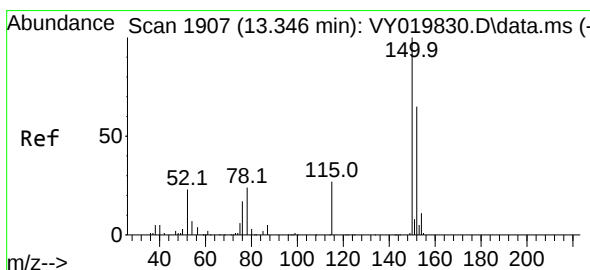
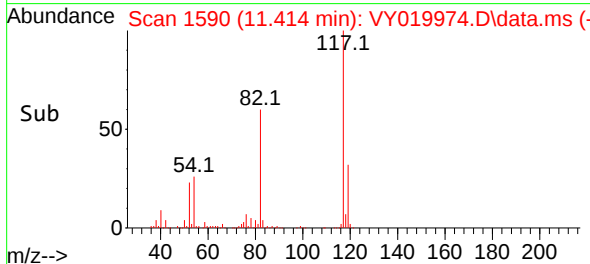
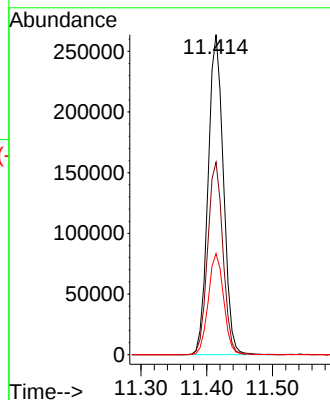
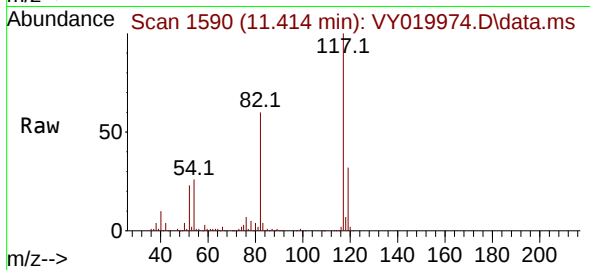
Tgt Ion:117 Resp: 427187

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 31.5 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: VY019974.D

Acq: 22 Oct 2024 12:26

Tgt Ion:152 Resp: 148963

Ion Ratio Lower Upper

152 100

115 63.4 28.2 84.7

150 157.6 0.0 345.6

