

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019904.D
 Acq On : 15 Oct 2024 15:25
 Operator : SY/MD
 Sample : P4395-01
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 F05308-SOLID

Quant Time: Oct 16 02:51:56 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	7.713	168	6487	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	10443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	5169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	712	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2864	35.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.720%
35) Dibromofluoromethane	7.634	113	3285	47.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.109	98	11206	44.034	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.060%
62) 4-Bromofluorobenzene	12.396	95	1523	16.563	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	33.120%

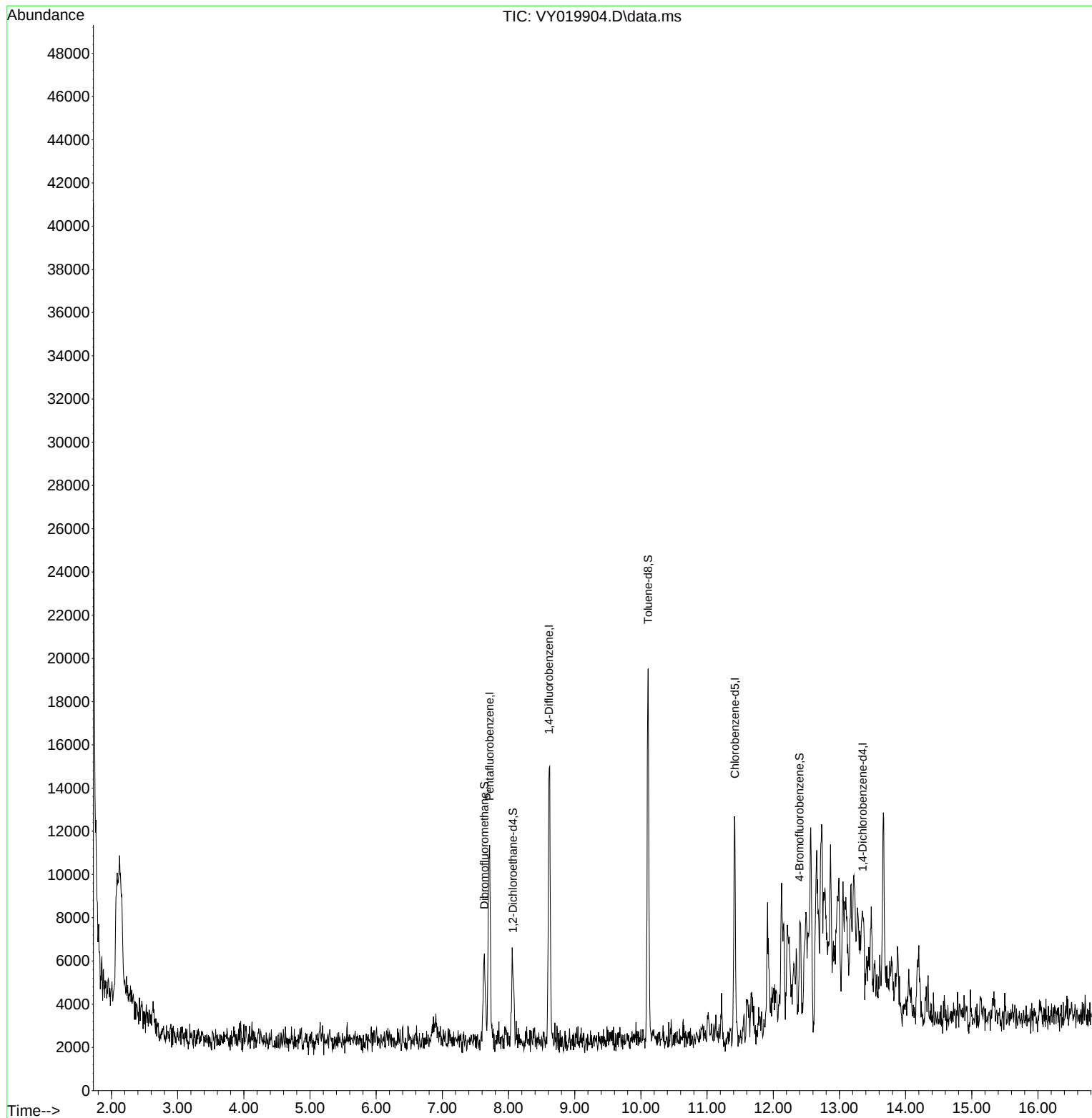
Target Compounds	Qvalue

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

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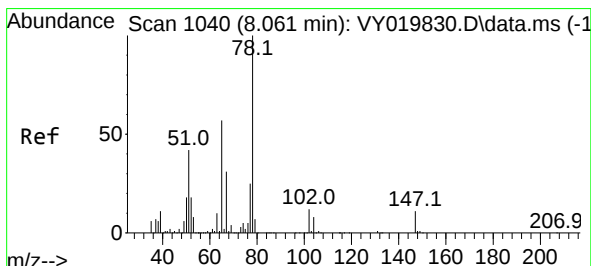
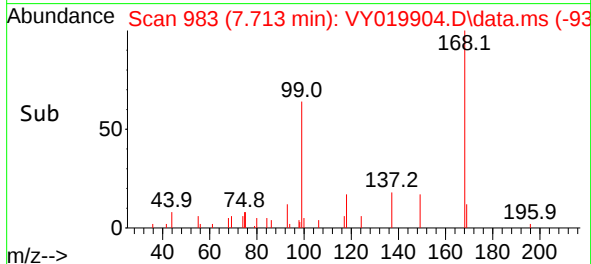
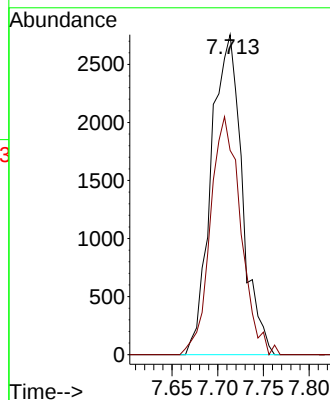
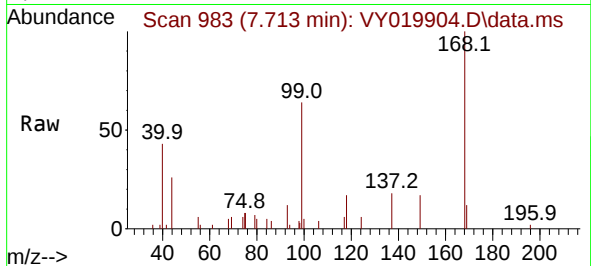




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

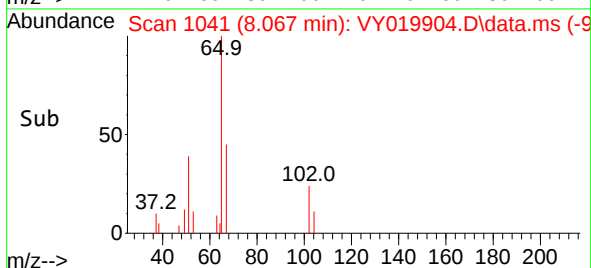
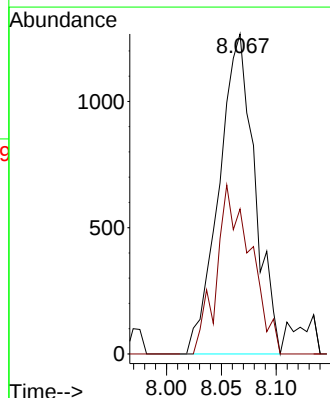
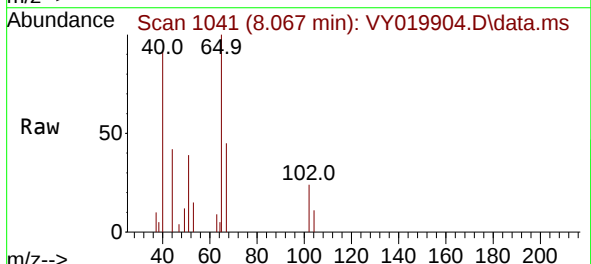
Instrument :
MSVOA_Y
ClientSampleId :
F05308-SOLID

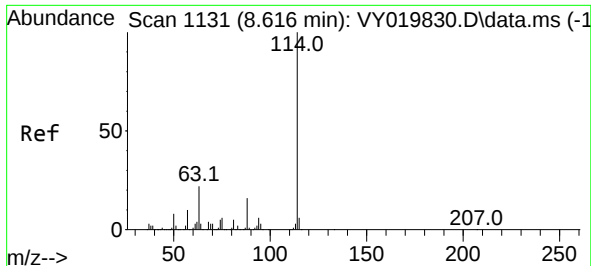
Tgt Ion:168 Resp: 6487
Ion Ratio Lower Upper
168 100
99 63.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 35.856 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 65 Resp: 2864
Ion Ratio Lower Upper
65 100
67 50.8 0.0 109.6

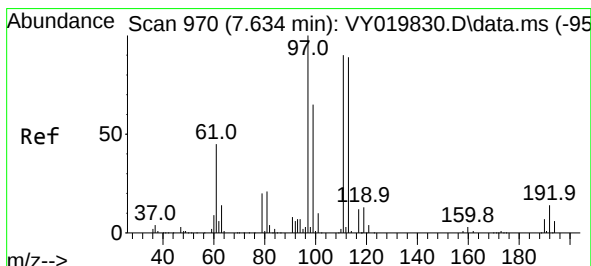
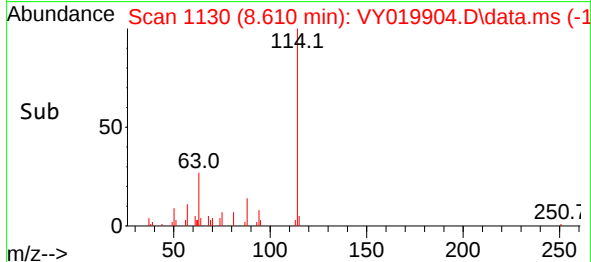
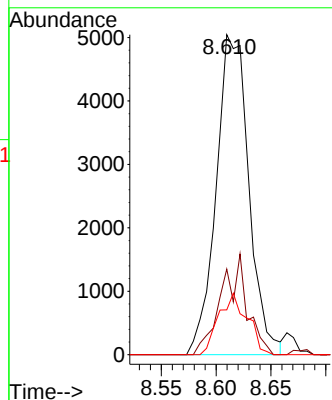
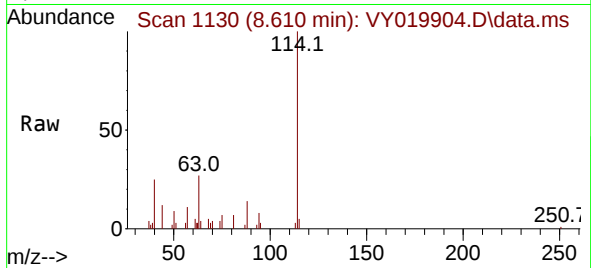




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

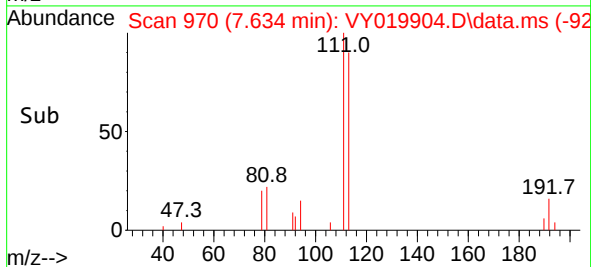
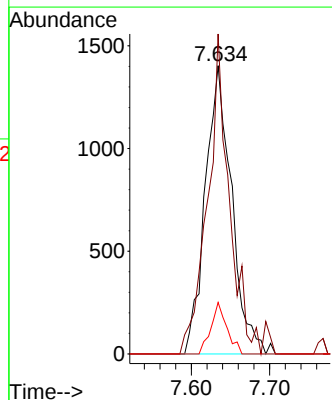
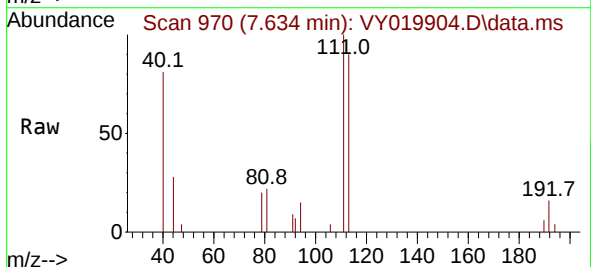
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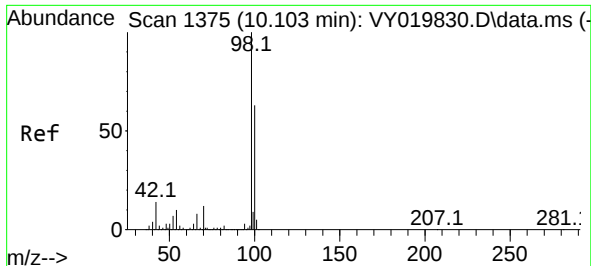
Tgt Ion:114 Resp: 10443
Ion Ratio Lower Upper
114 100
63 26.7 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.669 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion:113 Resp: 3285
Ion Ratio Lower Upper
113 100
111 89.8 82.2 123.4
192 10.7 15.9 23.9#

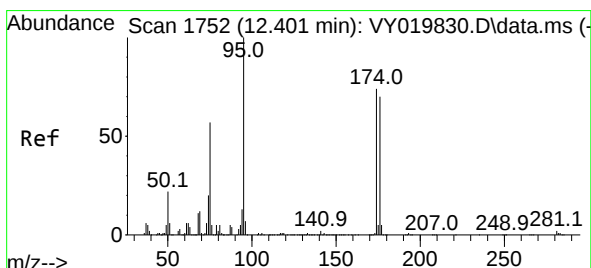
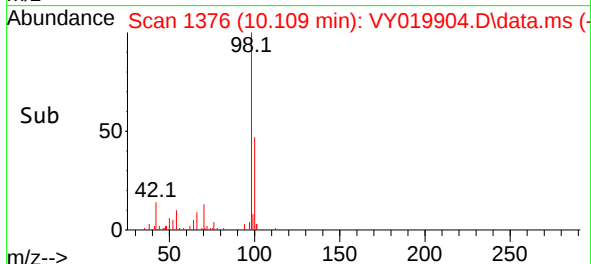
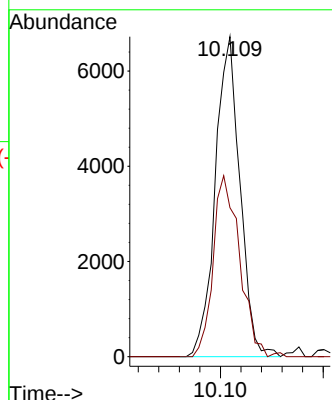
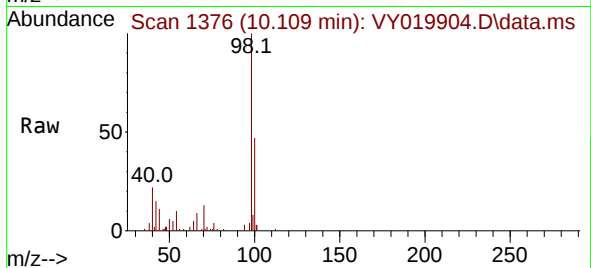




#50
Toluene-d8
Concen: 44.034 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

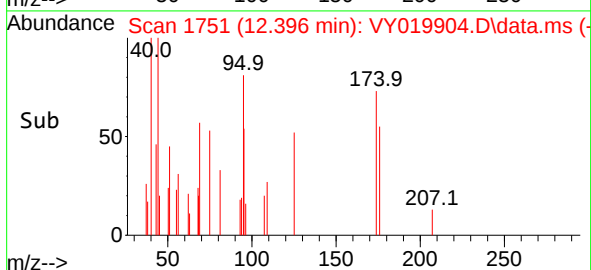
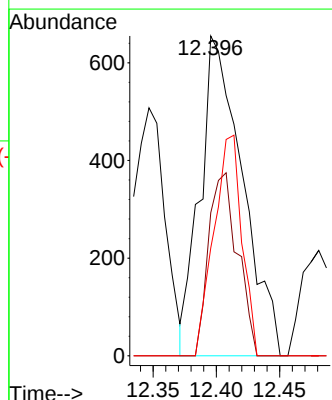
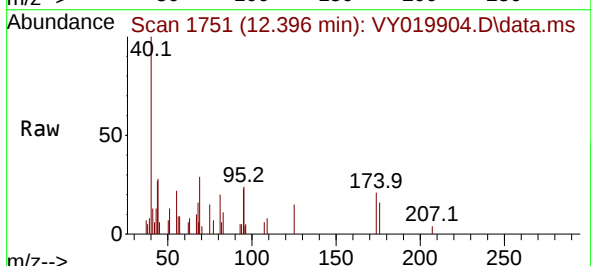
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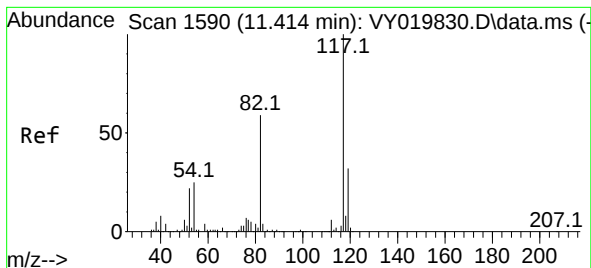
Tgt Ion: 98 Resp: 11206
Ion Ratio Lower Upper
98 100
100 60.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 16.563 ug/l
RT: 12.396 min Scan# 1751
Delta R.T. -0.012 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 95 Resp: 1523
Ion Ratio Lower Upper
95 100
174 39.1 0.0 175.6
176 45.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

F05308-SOLID

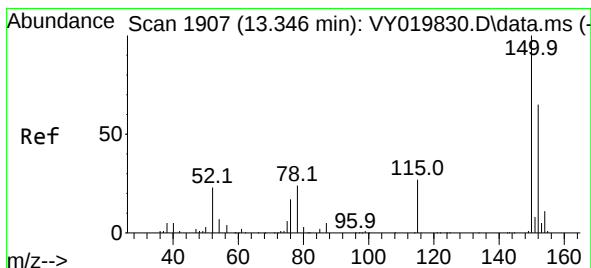
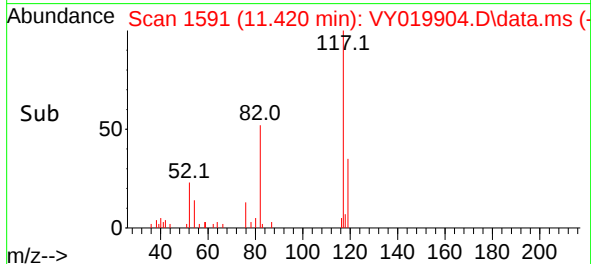
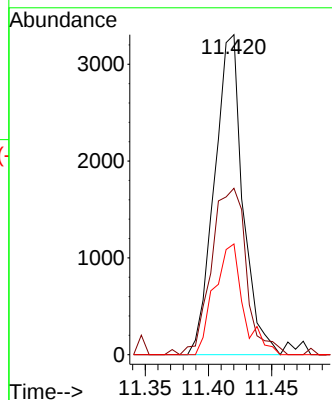
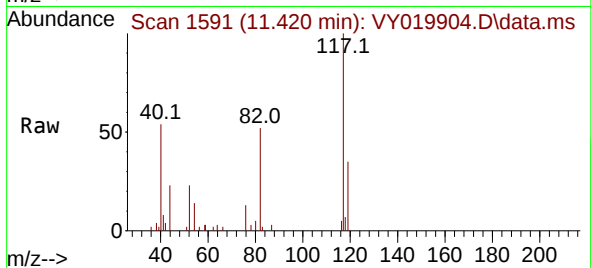
Tgt Ion:117 Resp: 5169

Ion Ratio Lower Upper

117 100

82 52.0 42.4 63.6

119 34.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

Tgt Ion:152 Resp: 712

Ion Ratio Lower Upper

152 100

115 23.3 28.2 84.7#

150 0.0 0.0 345.6

