

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020055.D
 Acq On : 29 Oct 2024 12:52
 Operator : SY/MD
 Sample : P4575-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-102424RE

Quant Time: Oct 29 13:15:43 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	93471	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	188201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	160424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	51132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	65450	56.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.740%	
35) Dibromofluoromethane	7.634	113	62077	49.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.960%	
50) Toluene-d8	10.109	98	224123	48.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.740%	
62) 4-Bromofluorobenzene	12.407	95	62520	37.728	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 75.460%	

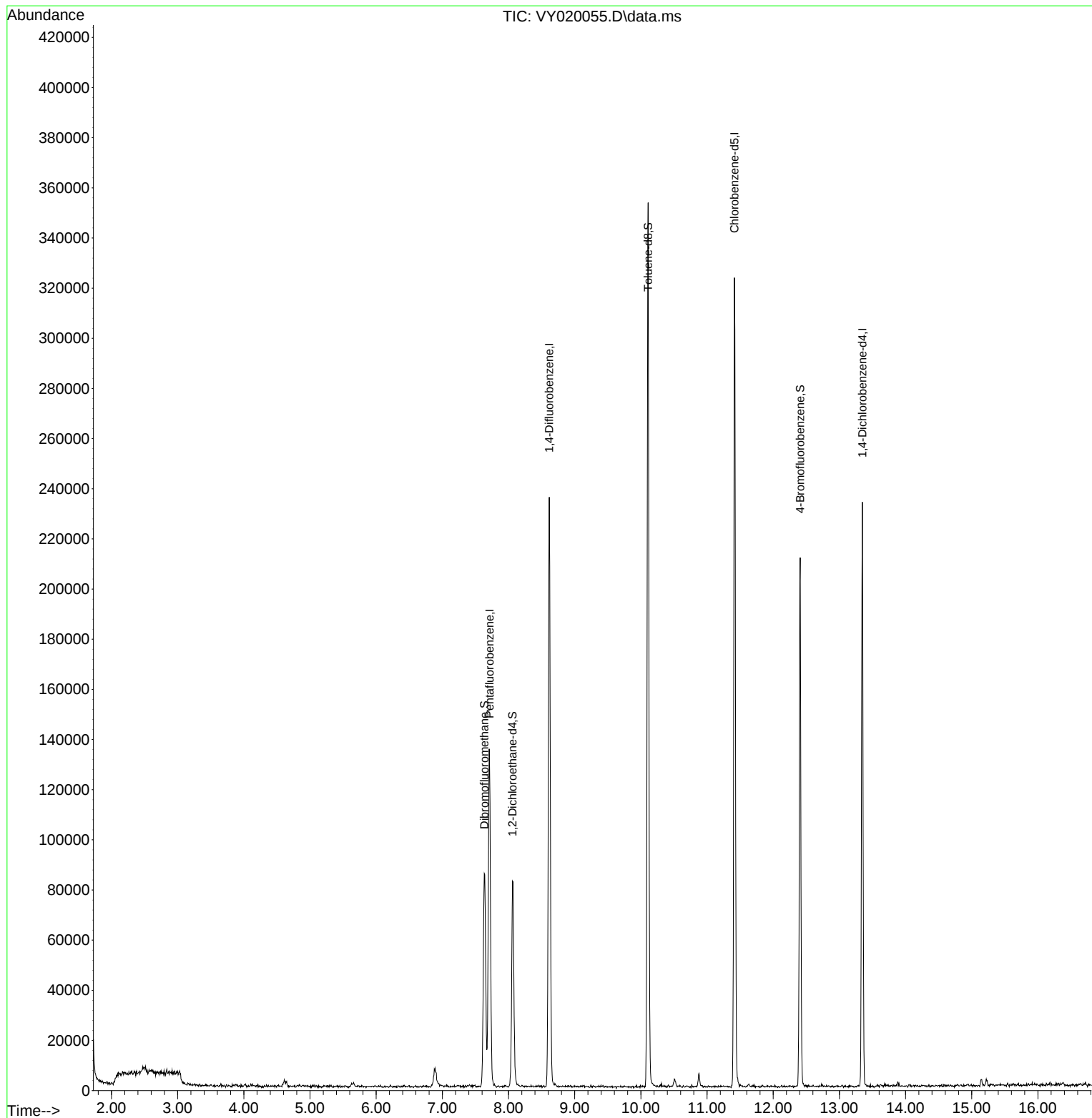
Target Compounds	Qvalue

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

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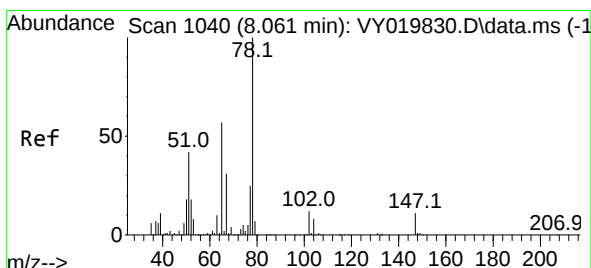
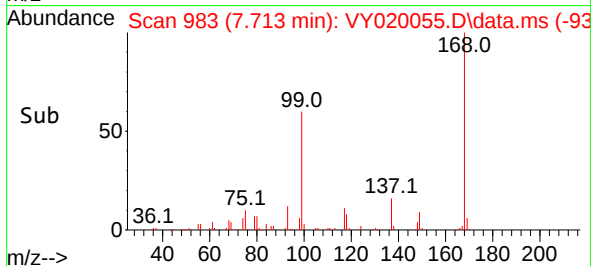
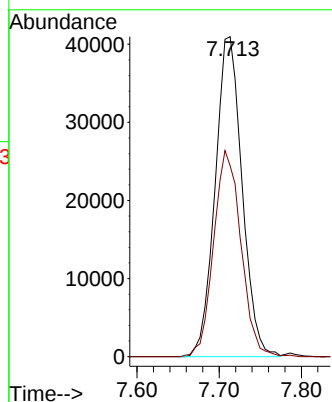
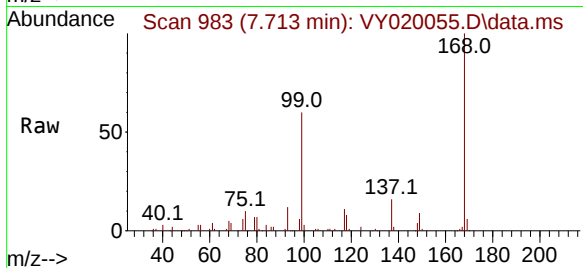




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020055.D
Acq: 29 Oct 2024 12:52

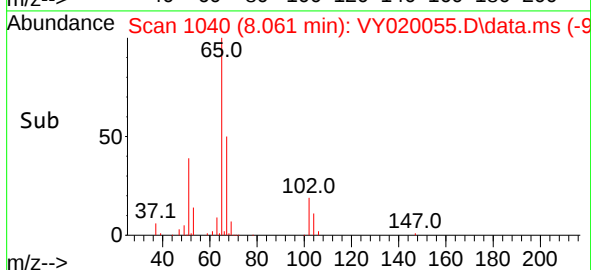
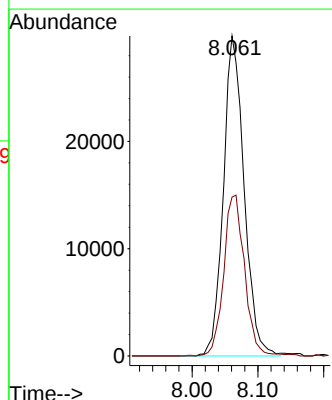
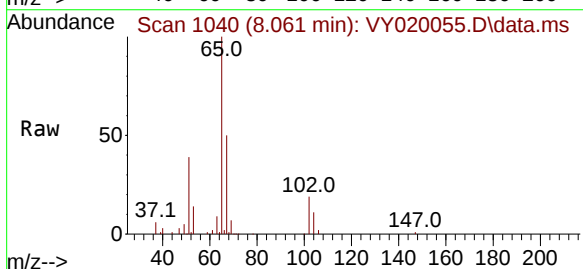
Instrument :
MSVOA_Y
ClientSampleId :
PL-02-102424RE

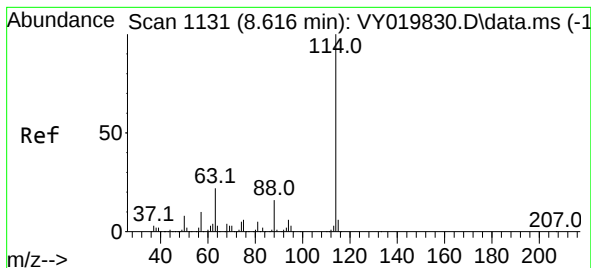
Tgt Ion:168 Resp: 93471
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 56.868 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020055.D
Acq: 29 Oct 2024 12:52

Tgt Ion: 65 Resp: 65450
Ion Ratio Lower Upper
65 100
67 50.8 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: VY020055.D

Acq: 29 Oct 2024 12:52

Instrument :

MSVOA_Y

ClientSampleId :

PL-02-102424RE

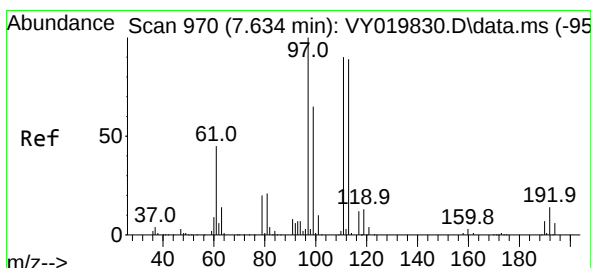
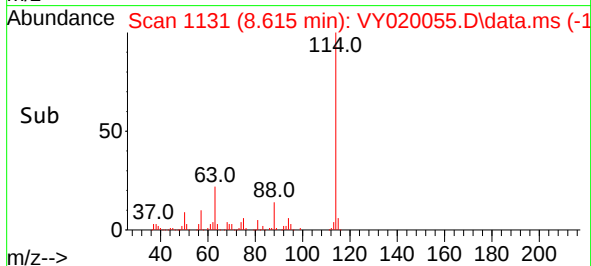
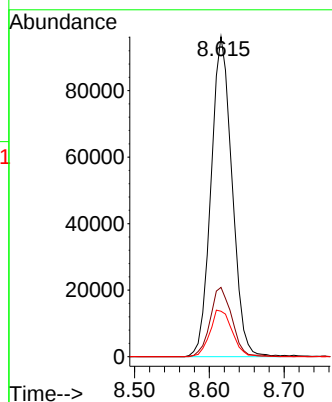
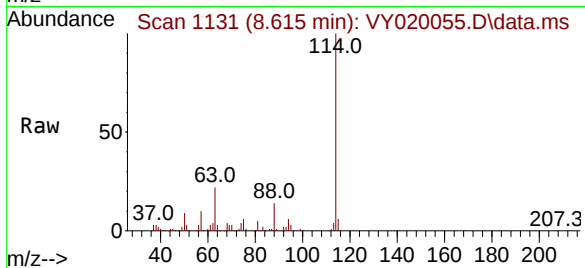
Tgt Ion:114 Resp: 188201

Ion Ratio Lower Upper

114 100

63 21.6 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.985 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020055.D

Acq: 29 Oct 2024 12:52

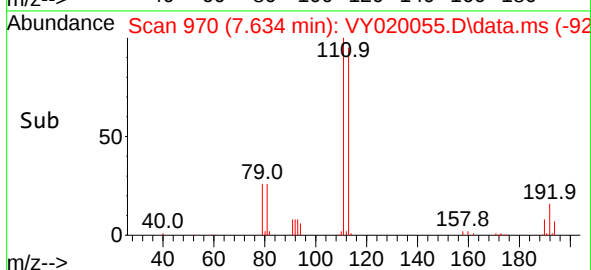
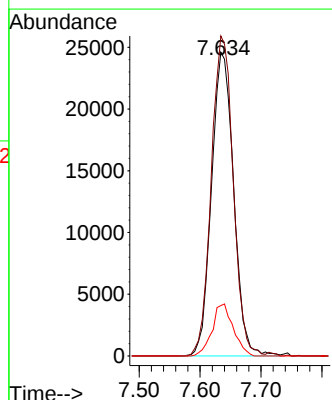
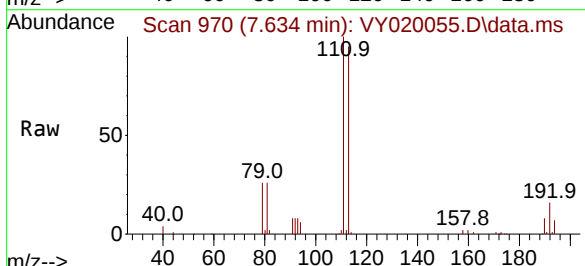
Tgt Ion:113 Resp: 62077

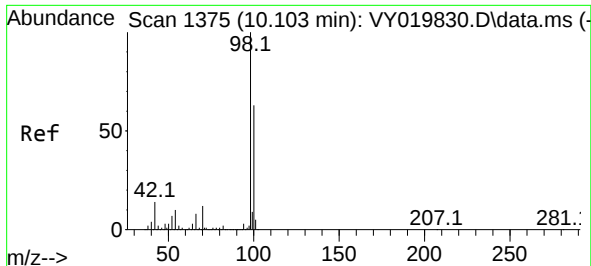
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 16.3 15.9 23.9

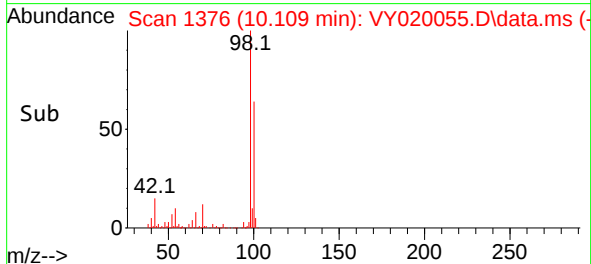
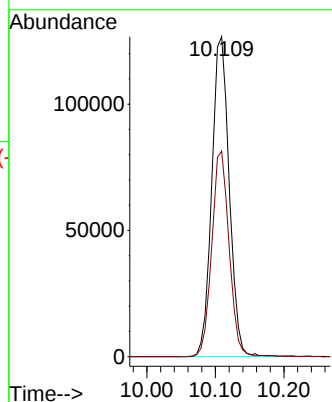
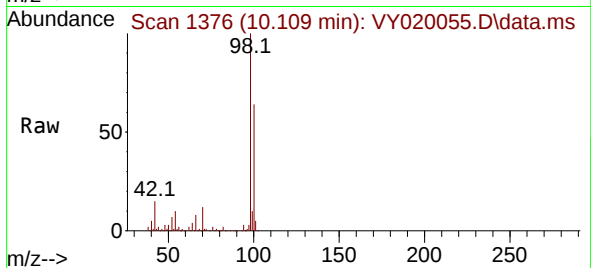




#50
Toluene-d8
Concen: 48.869 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020055.D
Acq: 29 Oct 2024 12:52

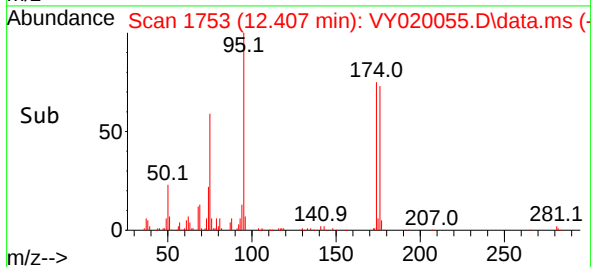
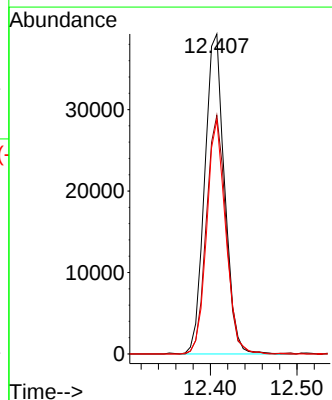
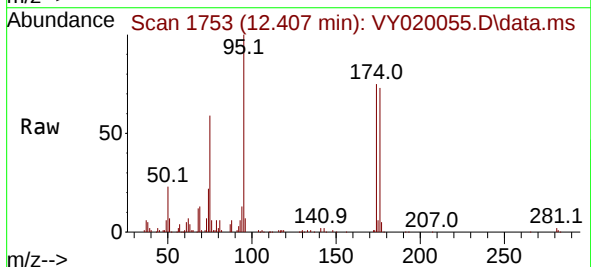
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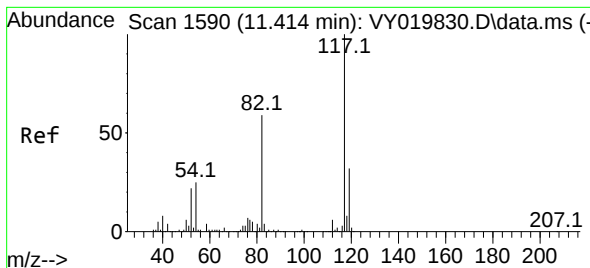
Tgt Ion: 98 Resp: 224123
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.728 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020055.D
Acq: 29 Oct 2024 12:52

Tgt Ion: 95 Resp: 62520
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 69.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020055.D

Acq: 29 Oct 2024 12:52

Instrument :

MSVOA_Y

ClientSampleId :

PL-02-102424RE

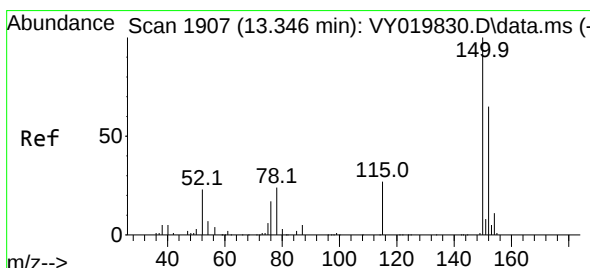
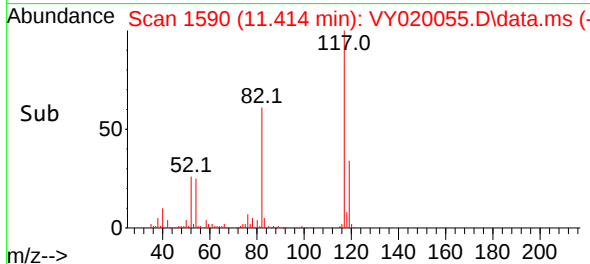
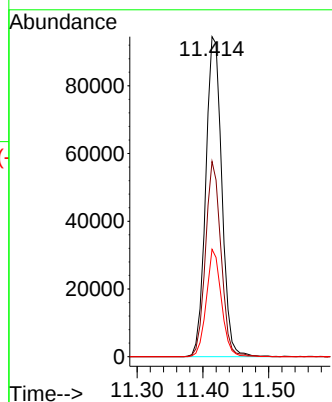
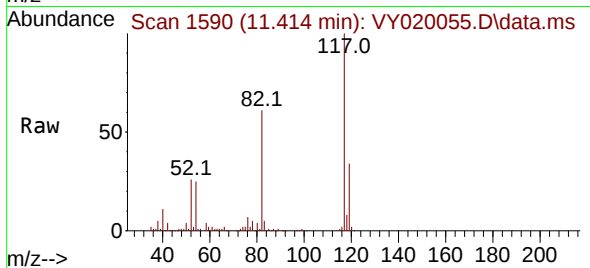
Tgt Ion:117 Resp: 160424

Ion Ratio Lower Upper

117 100

82 61.0 42.4 63.6

119 33.6 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: VY020055.D

Acq: 29 Oct 2024 12:52

Tgt Ion:152 Resp: 51132

Ion Ratio Lower Upper

152 100

115 63.3 28.2 84.7

150 160.6 0.0 345.6

