

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020719.D
 Acq On : 26 Dec 2024 16:04
 Operator : SY/MD
 Sample : P5383-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-12232024

Quant Time: Dec 26 16:30:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	3184	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	4771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	3476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1585	60.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.540%
35) Dibromofluoromethane	7.640	113	1605	61.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.140%
50) Toluene-d8	10.109	98	5115	48.982	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.414	95	1014	29.034	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	58.060%

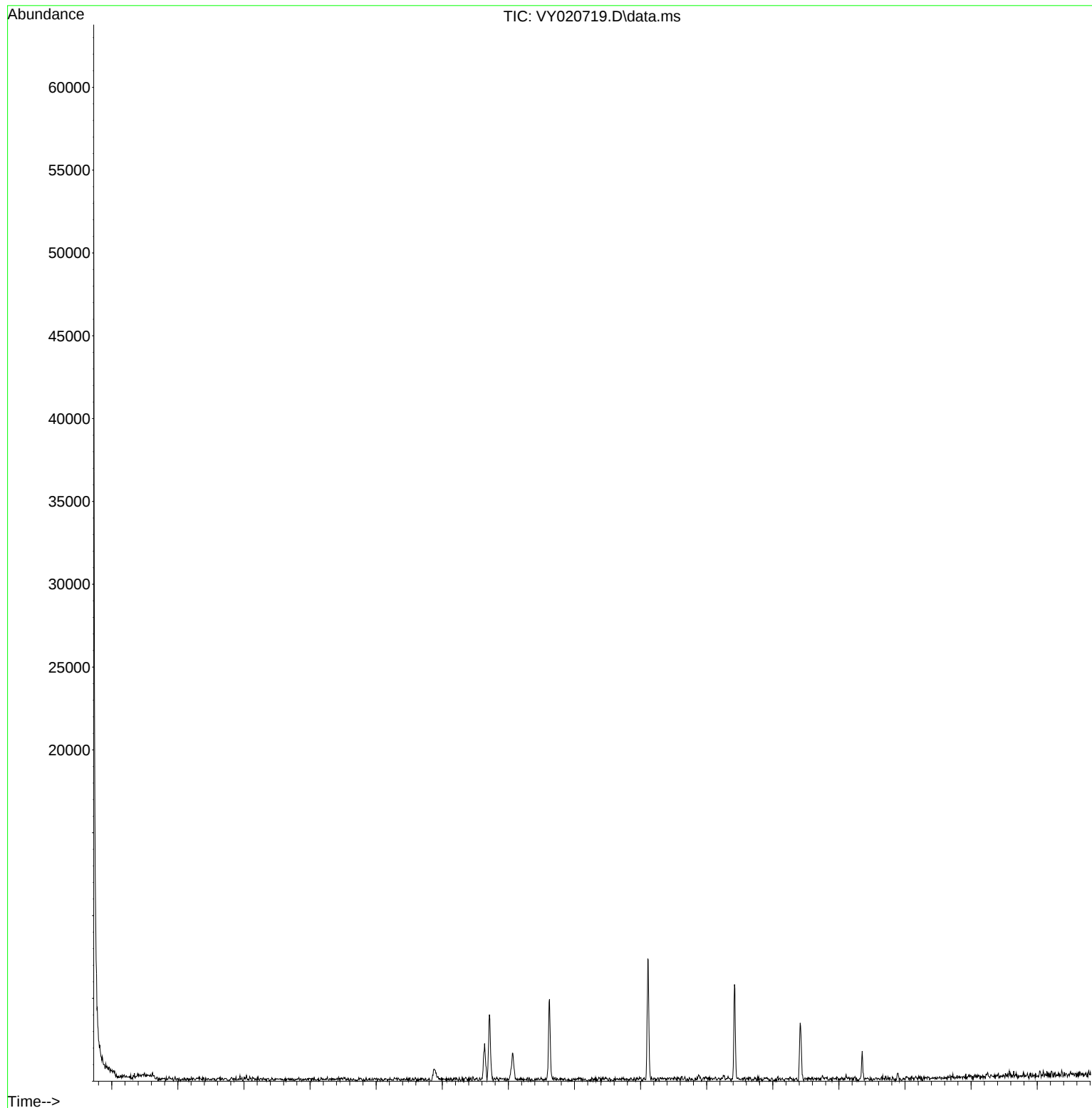
Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020719.D
Acq On : 26 Dec 2024 16:04
Operator : SY/MD
Sample : P5383-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

Quant Time: Dec 26 16:30:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

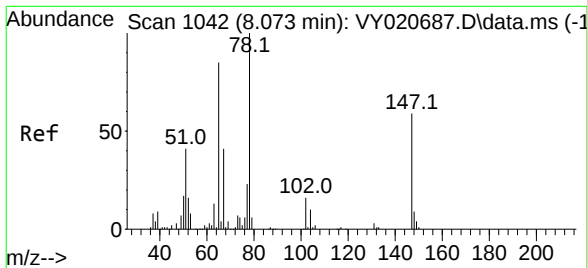
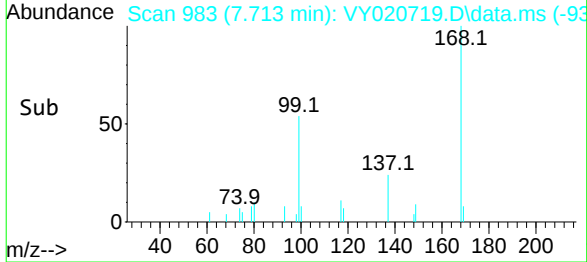
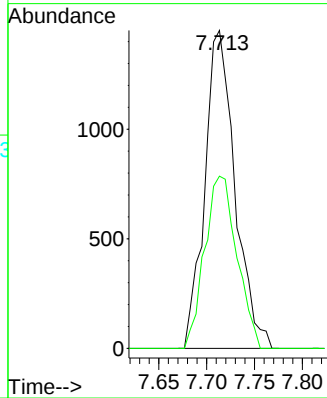
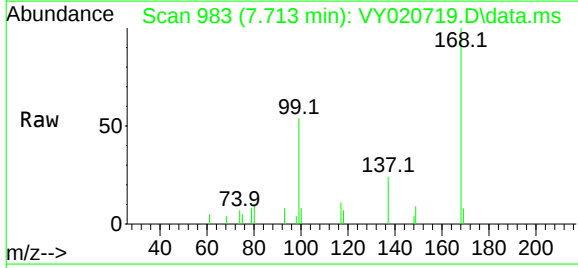




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020719.D
Acq: 26 Dec 2024 16:04

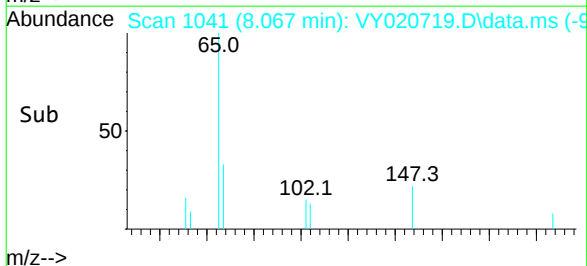
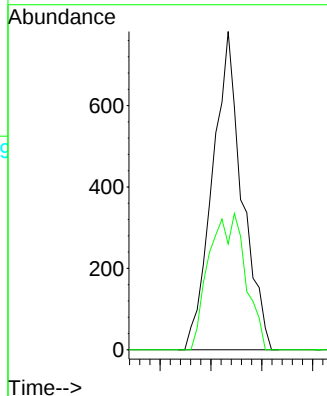
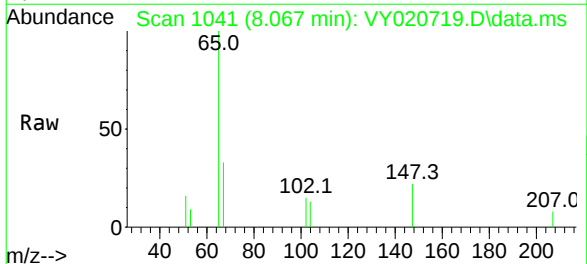
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

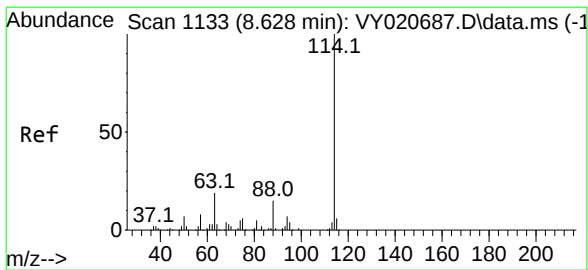
Tgt Ion:168 Resp: 3184
Ion Ratio Lower Upper
168 100
99 54.2 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 60.775 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020719.D
Acq: 26 Dec 2024 16:04

Tgt Ion: 65 Resp: 1585
Ion Ratio Lower Upper
65 100
67 52.6 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020719.D

Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-12232024

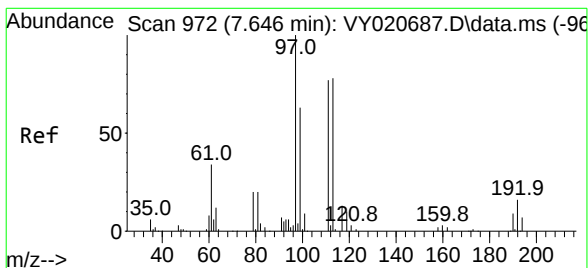
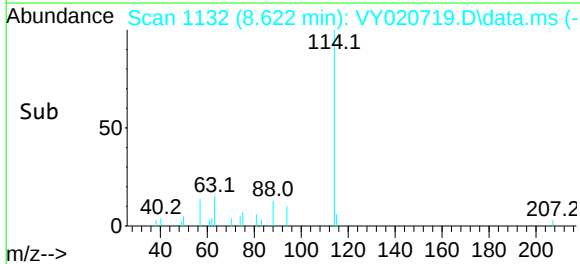
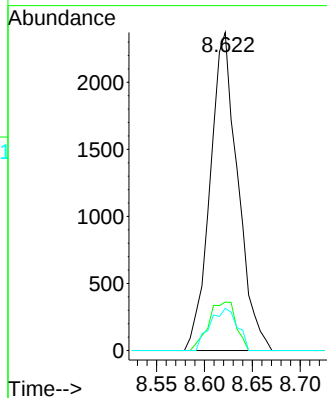
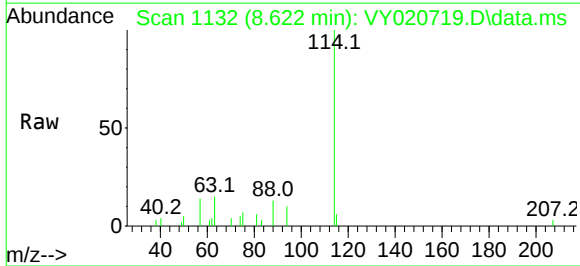
Tgt Ion:114 Resp: 4771

Ion Ratio Lower Upper

114 100

63 15.2 0.0 38.4

88 13.2 0.0 30.4



#35

Dibromofluoromethane

Concen: 61.075 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020719.D

Acq: 26 Dec 2024 16:04

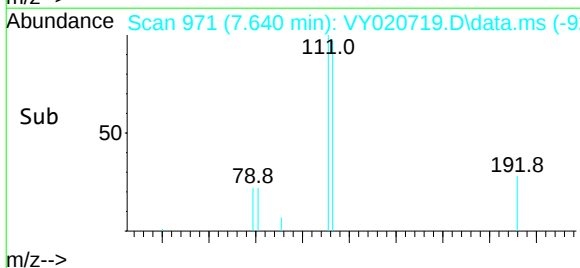
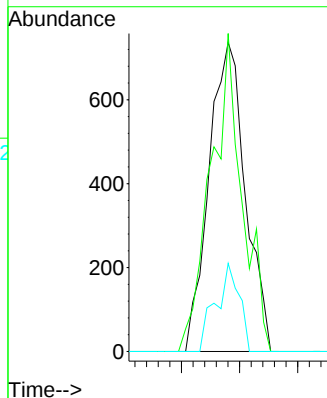
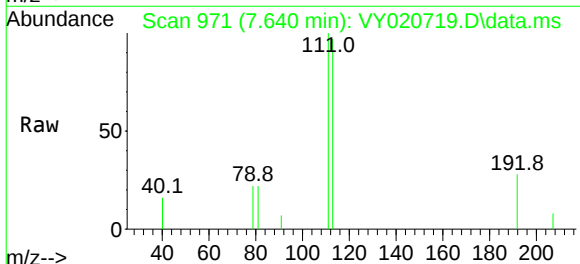
Tgt Ion:113 Resp: 1605

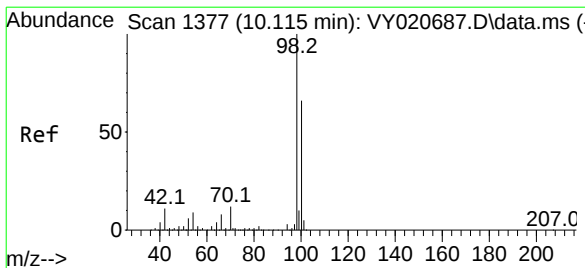
Ion Ratio Lower Upper

113 100

111 88.6 79.8 119.8

192 18.3 17.0 25.6





#50

Toluene-d8

Concen: 48.982 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020719.D

Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

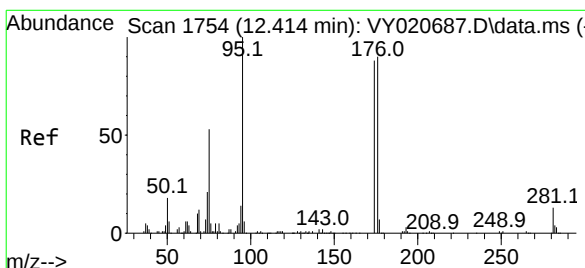
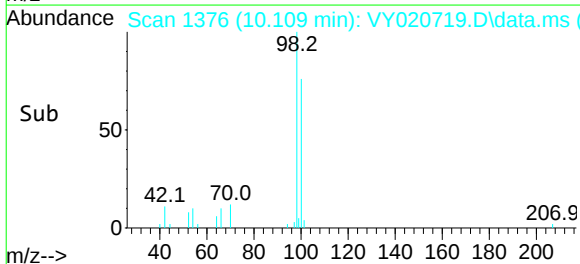
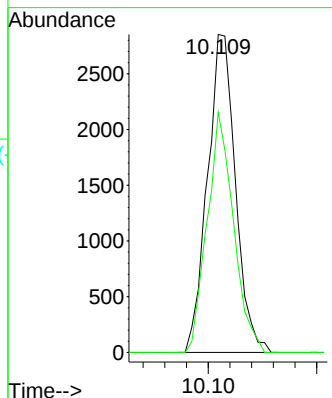
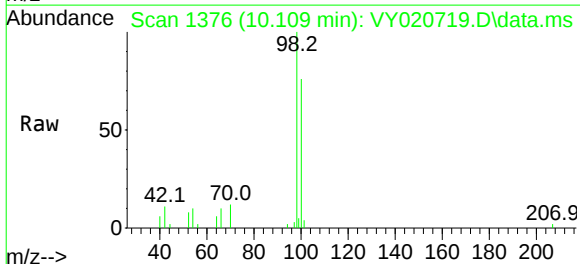
OK-02-12232024

Tgt Ion: 98 Resp: 5115

Ion Ratio Lower Upper

98 100

100 71.1 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 29.034 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020719.D

Acq: 26 Dec 2024 16:04

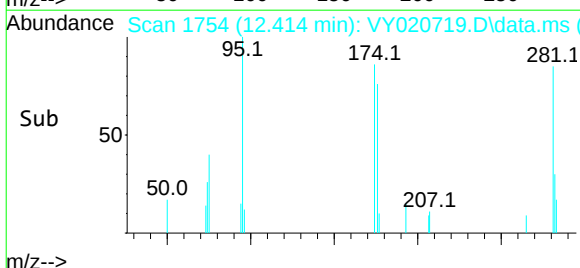
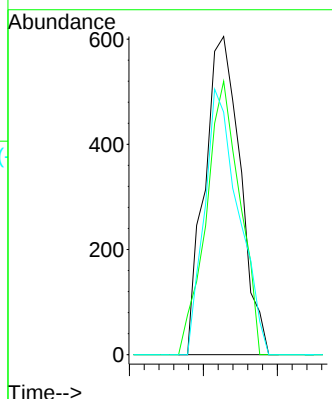
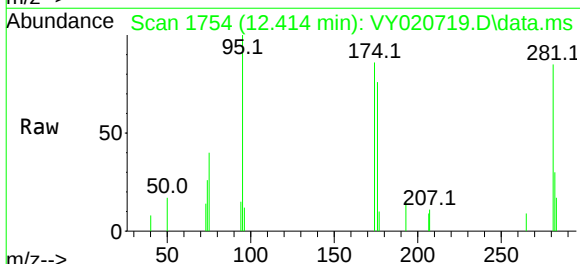
Tgt Ion: 95 Resp: 1014

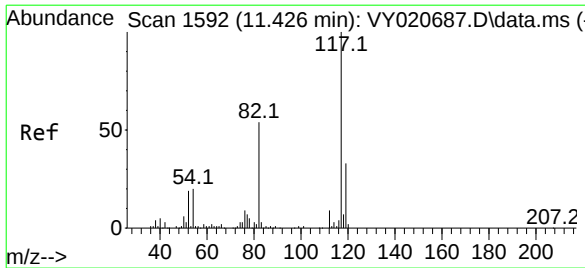
Ion Ratio Lower Upper

95 100

174 81.6 0.0 179.2

176 79.7 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY020719.D

Acq: 26 Dec 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-12232024

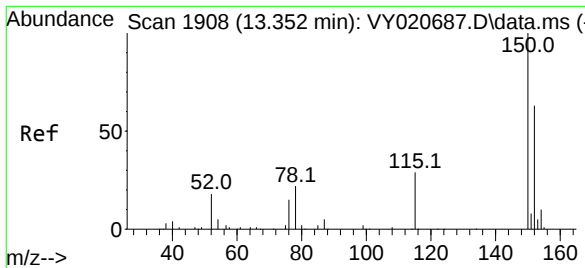
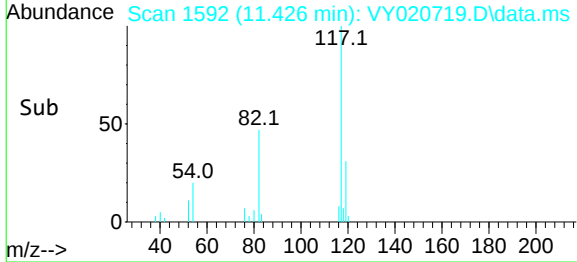
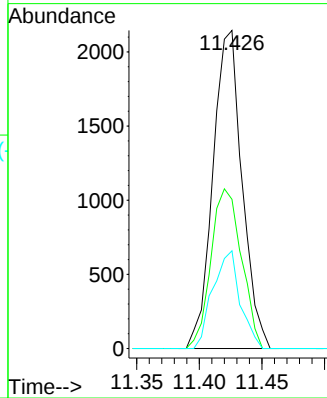
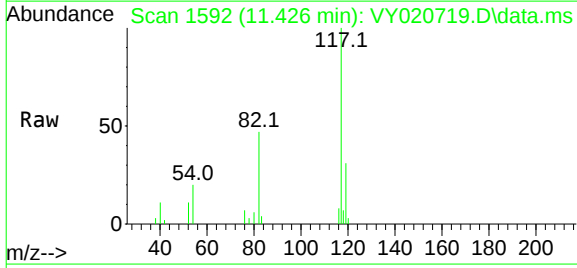
Tgt Ion:117 Resp: 3476

Ion Ratio Lower Upper

117 100

82 46.9 43.4 65.2

119 30.7 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY020719.D

Acq: 26 Dec 2024 16:04

Tgt Ion:152 Resp: 527

Ion Ratio Lower Upper

152 100

115 50.1 30.3 90.9

150 163.4 0.0 349.0

