

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011699.D
 Acq On : 05 Dec 2022 16:16
 Operator : KP/MD
 Sample : N5872-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-120222

Quant Time: Dec 06 00:37:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	62414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	113579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54808	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53174	83.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.800%#	
35) Dibromofluoromethane	7.716	113	42688	61.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.100%	
50) Toluene-d8	10.179	98	139303	54.827	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.660%	
62) 4-Bromofluorobenzene	12.483	95	47023	50.056	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.120%	

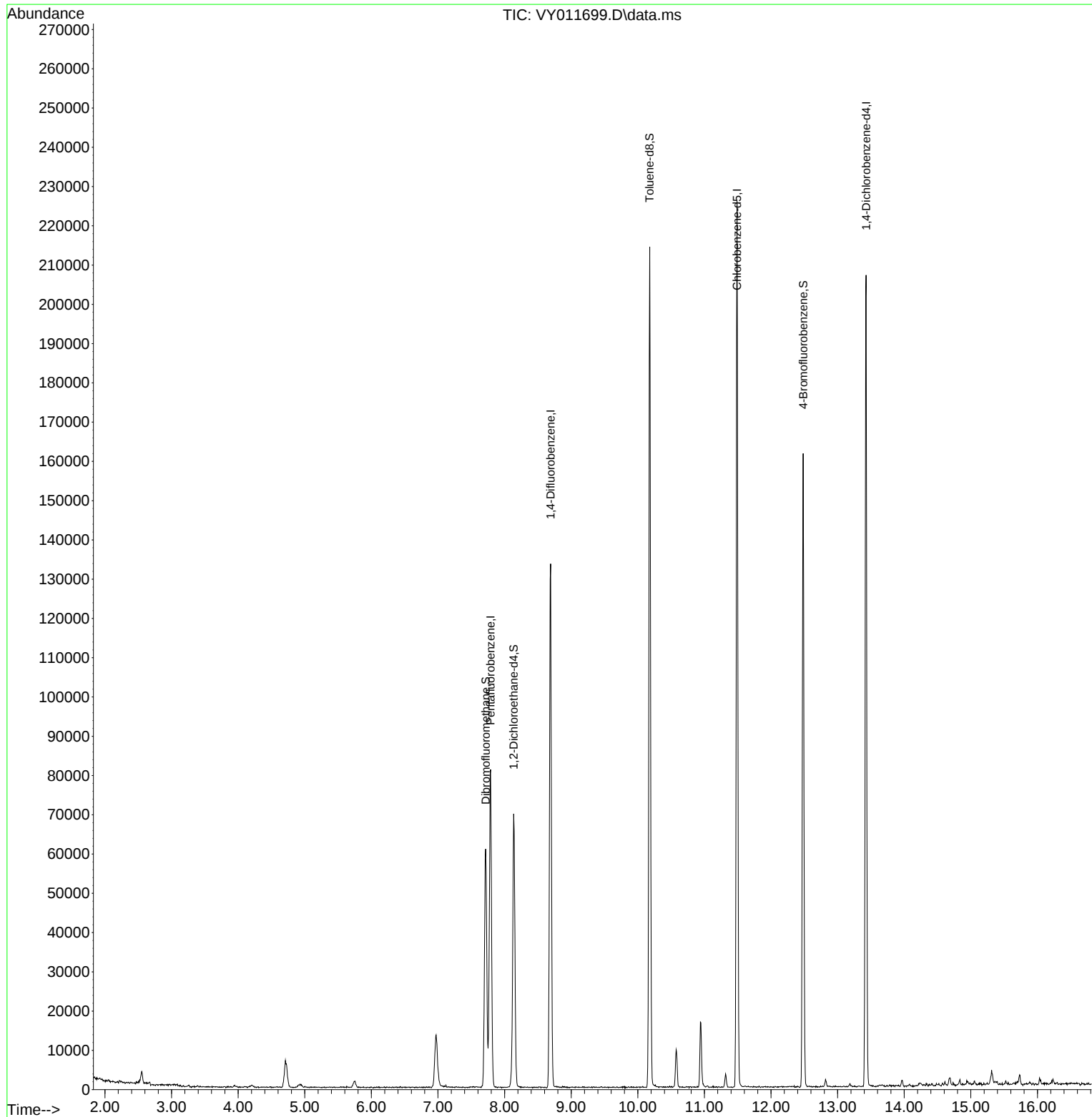
Target Compounds	Qvalue

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

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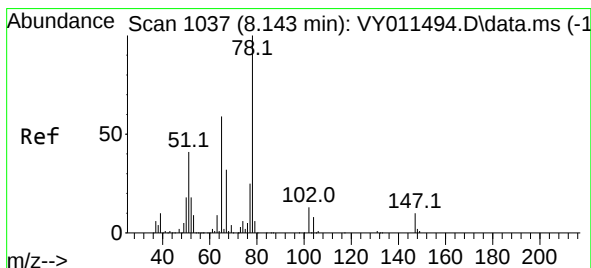
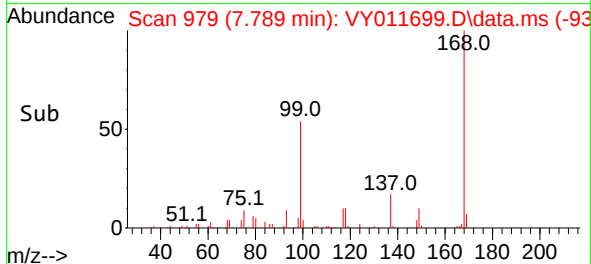
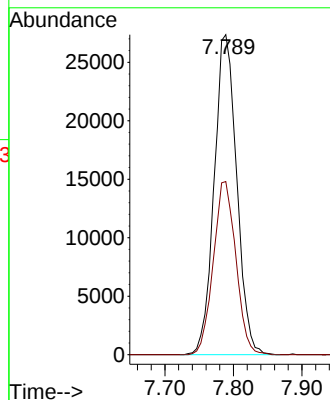
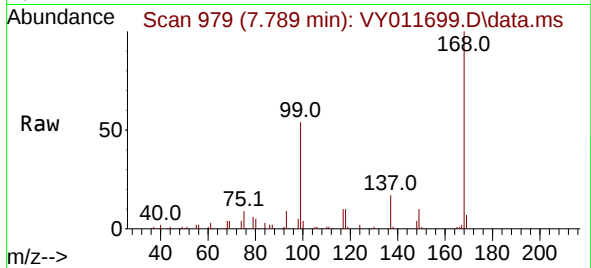




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011699.D
Acq: 05 Dec 2022 16:16

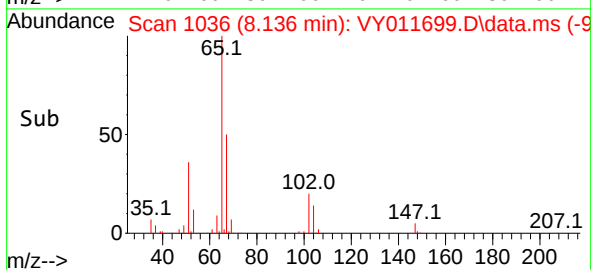
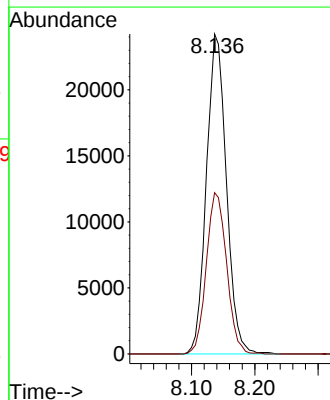
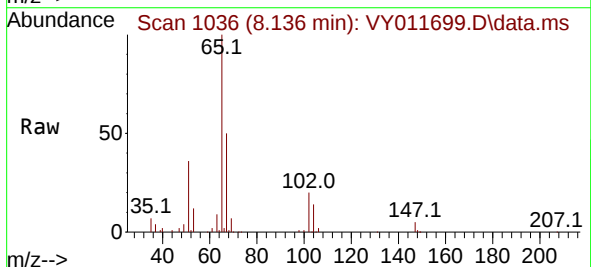
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-120222

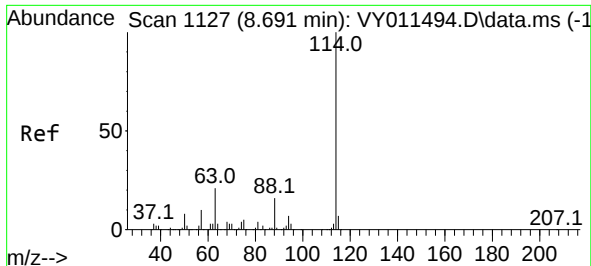
Tgt Ion:168 Resp: 62414
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 83.904 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011699.D
Acq: 05 Dec 2022 16:16

Tgt Ion: 65 Resp: 53174
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011699.D

Acq: 05 Dec 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-120222

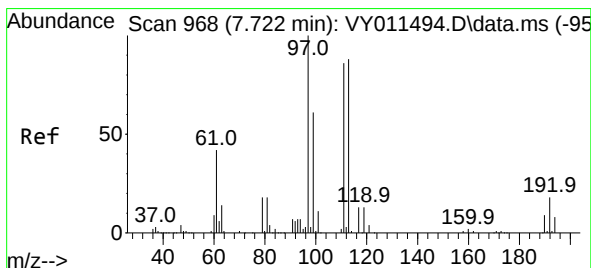
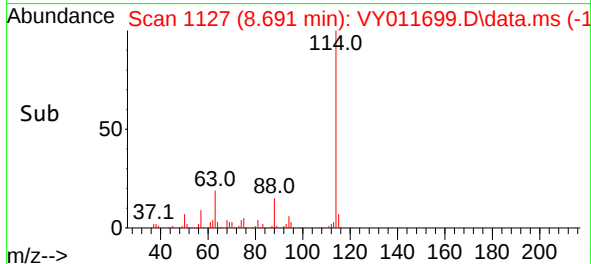
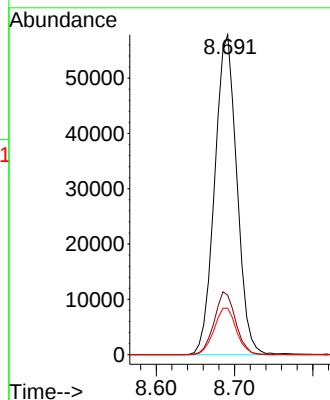
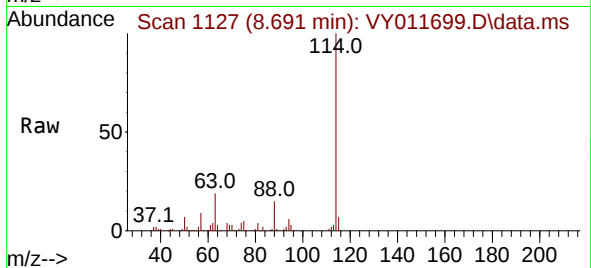
Tgt Ion:114 Resp: 113579

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 61.054 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011699.D

Acq: 05 Dec 2022 16:16

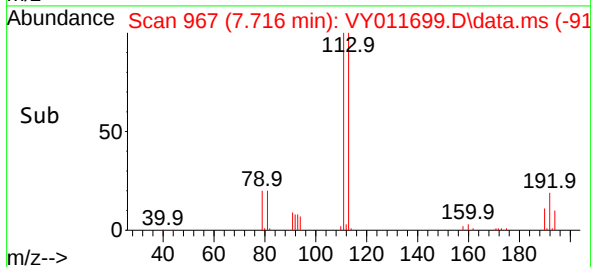
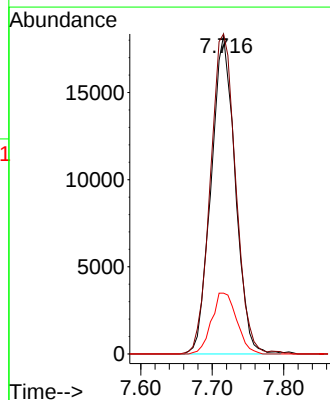
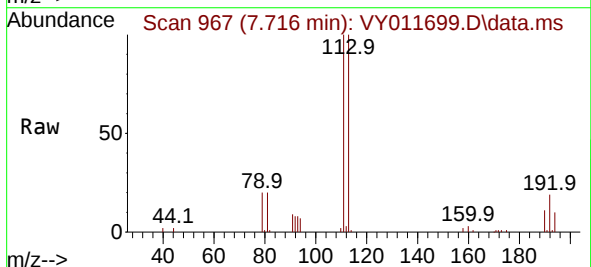
Tgt Ion:113 Resp: 42688

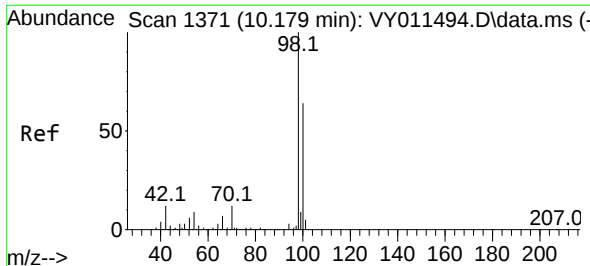
Ion Ratio Lower Upper

113 100

111 105.5 82.6 124.0

192 19.9 17.6 26.4

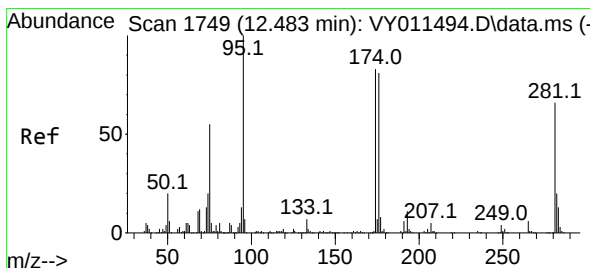
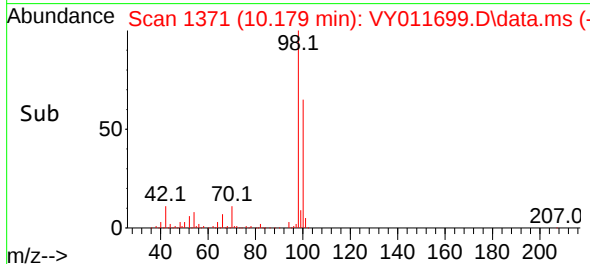
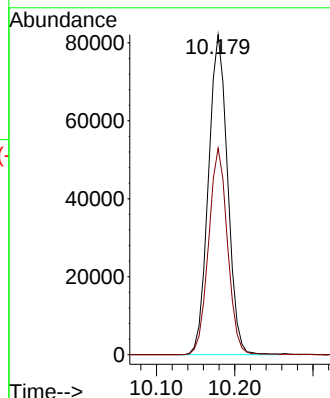
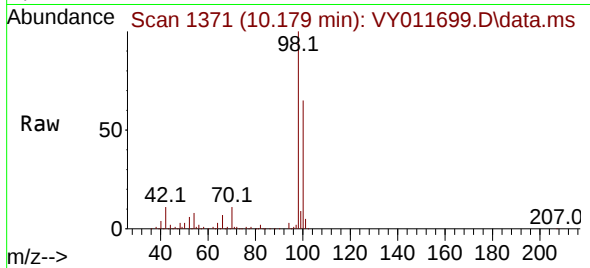




#50
Toluene-d8
Concen: 54.827 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011699.D
Acq: 05 Dec 2022 16:16

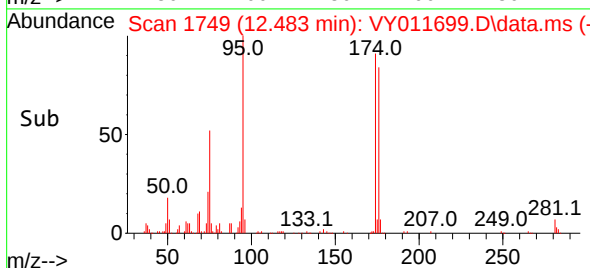
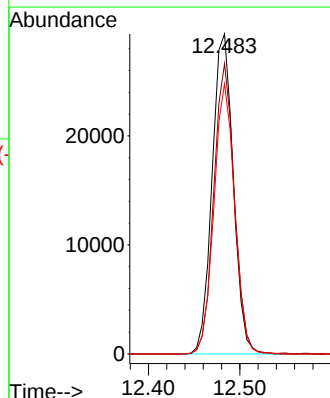
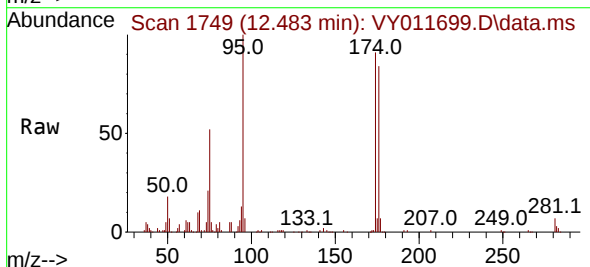
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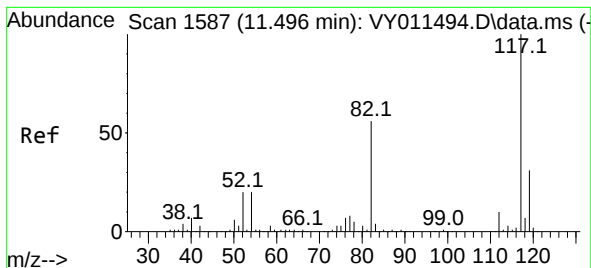
Tgt Ion: 98 Resp: 139303
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.056 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011699.D
Acq: 05 Dec 2022 16:16

Tgt Ion: 95 Resp: 47023
Ion Ratio Lower Upper
95 100
174 88.5 0.0 177.0
176 83.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY011699.D

Acq: 05 Dec 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-120222

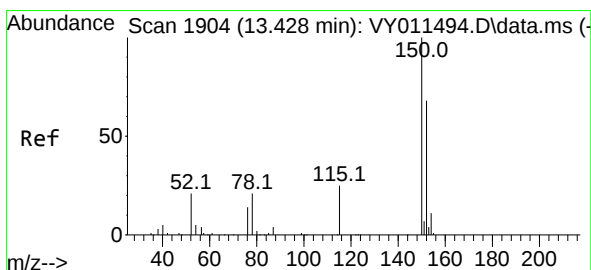
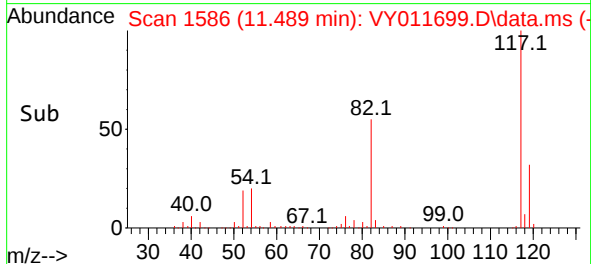
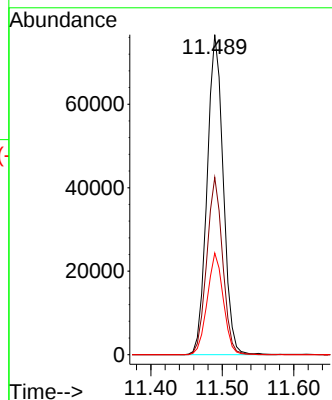
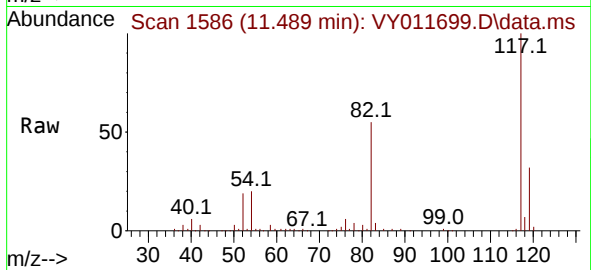
Tgt Ion:117 Resp: 120324

Ion Ratio Lower Upper

117 100

82 55.4 43.0 64.4

119 31.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011699.D

Acq: 05 Dec 2022 16:16

Tgt Ion:152 Resp: 54808

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 155.7 0.0 347.6

