

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112621\
 Data File : VY006899.D
 Acq On : 26 Nov 2021 14:56
 Operator : SY/MD
 Sample : M4843-02RE
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L-1ARE

Quant Time: Nov 29 03:03:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	2796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	4084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	2024	55.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.460%
35) Dibromofluoromethane	7.728	113	1136	45.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.580%
50) Toluene-d8	10.184	98	5199	50.083	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.489	95	1496	42.748	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.500%

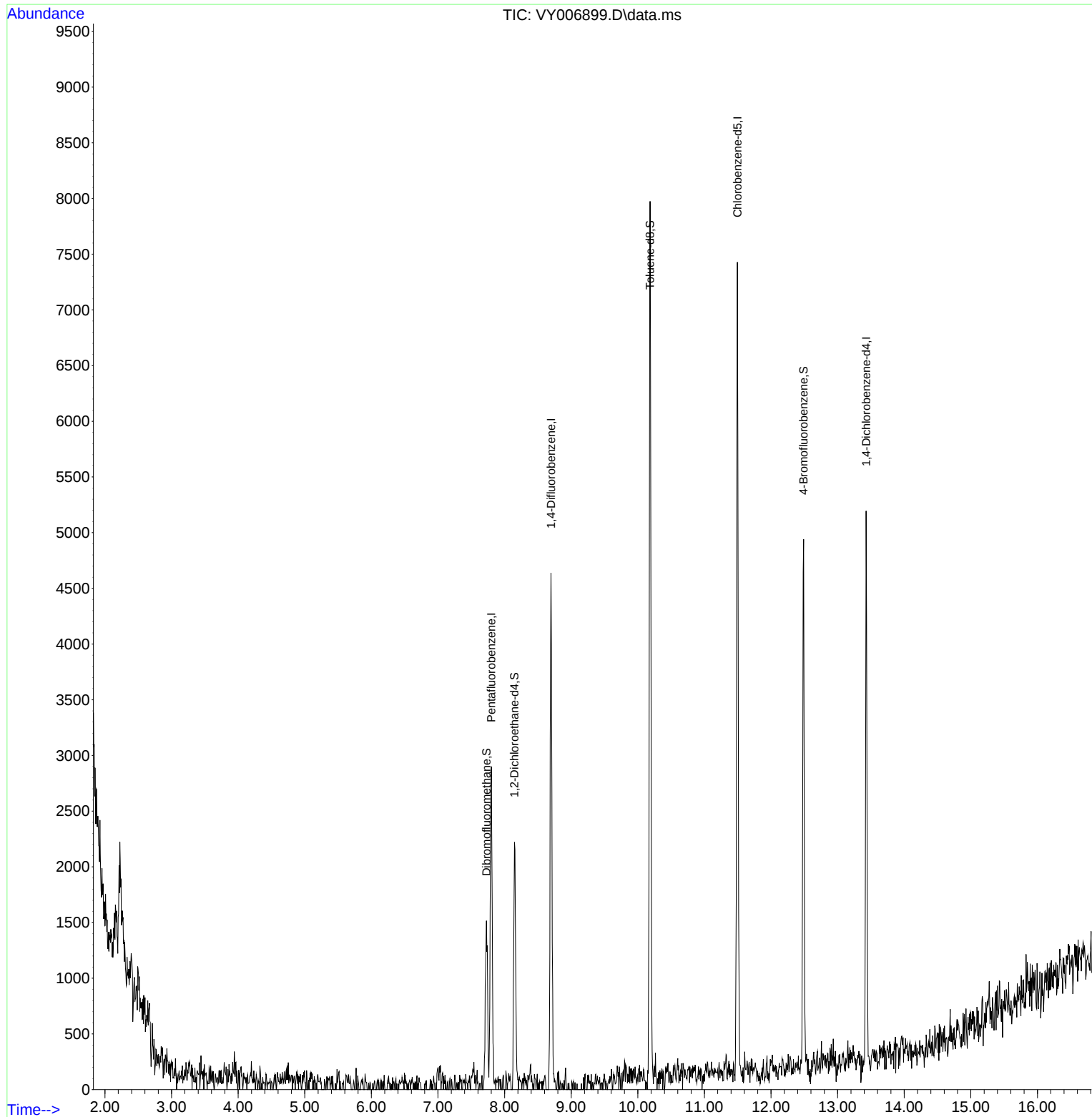
Target Compounds	Qvalue

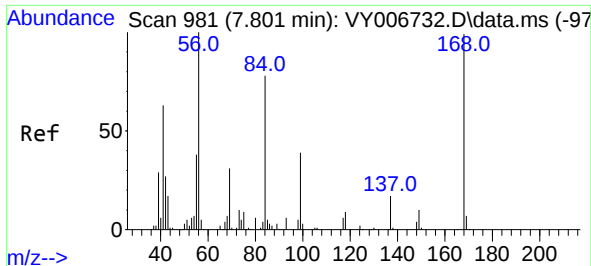
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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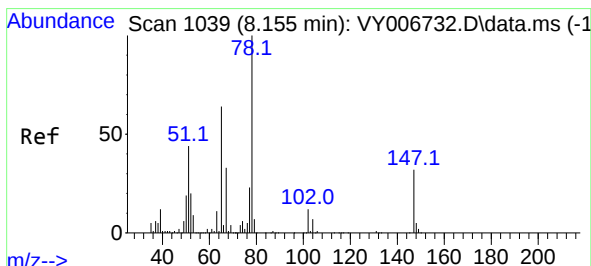
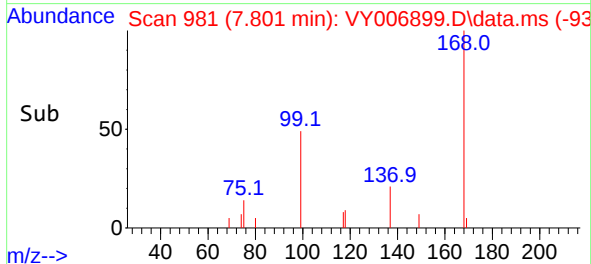
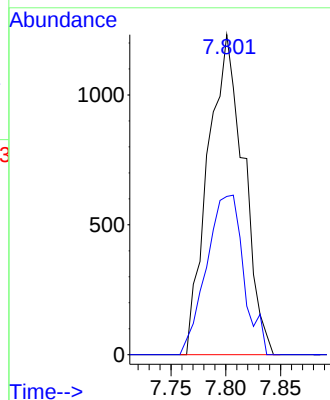
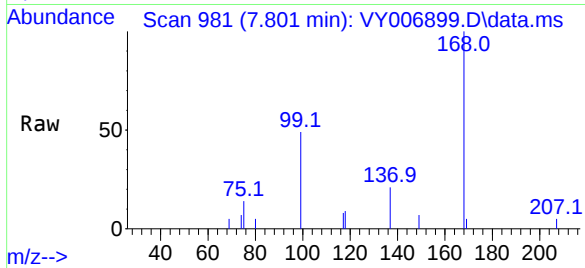




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006899.D
Acq: 26 Nov 2021 14:56

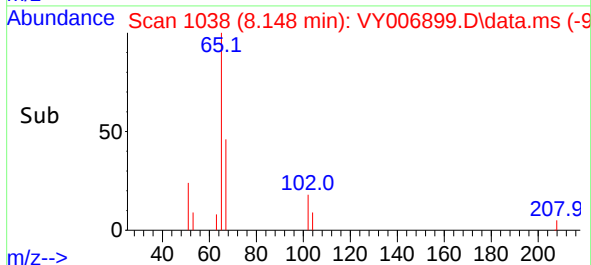
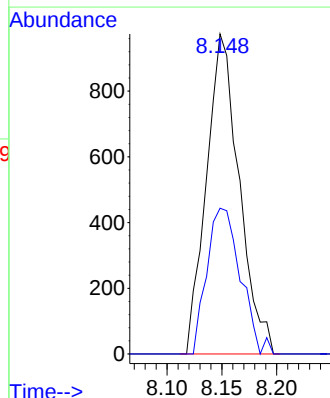
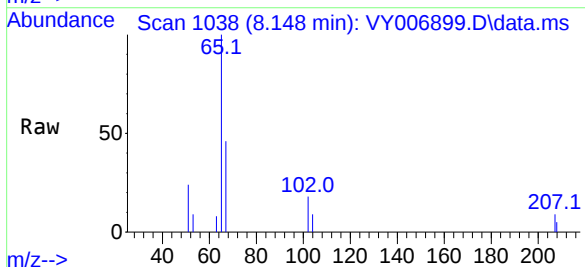
Instrument :
MSVOA_Y
ClientSampleId :
L-1ARE

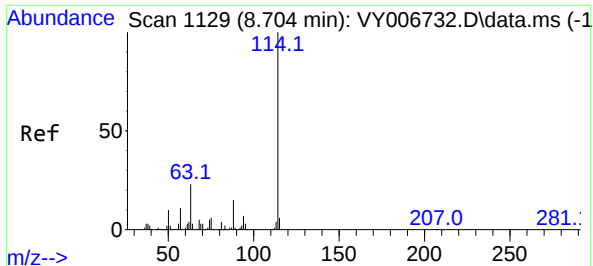
Tgt Ion:168 Resp: 2796
Ion Ratio Lower Upper
168 100
99 49.4 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 55.233 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY006899.D
Acq: 26 Nov 2021 14:56

Tgt Ion: 65 Resp: 2024
Ion Ratio Lower Upper
65 100
67 46.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.007 min

Lab File: VY006899.D

Acq: 26 Nov 2021 14:56

Instrument :

MSVOA_Y

ClientSampleId :

L-1ARE

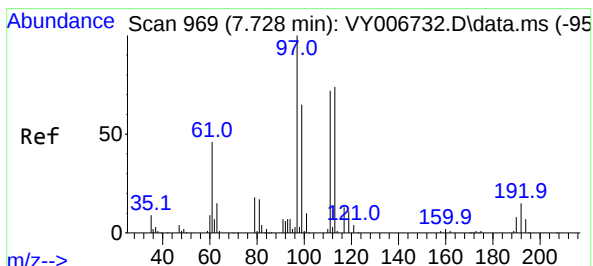
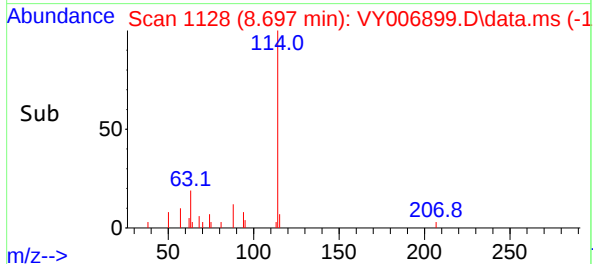
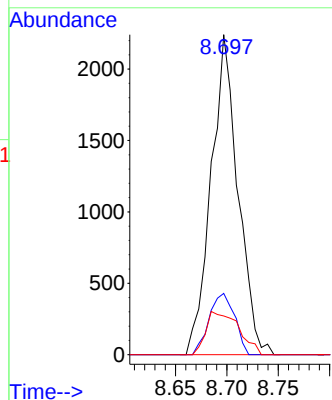
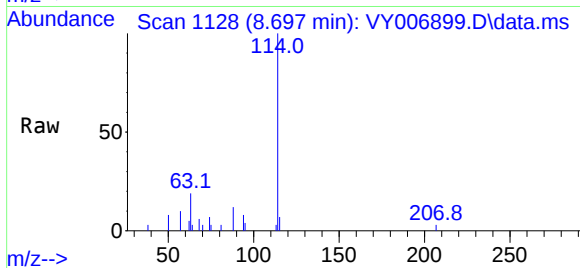
Tgt Ion:114 Resp: 4084

Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 12.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.285 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006899.D

Acq: 26 Nov 2021 14:56

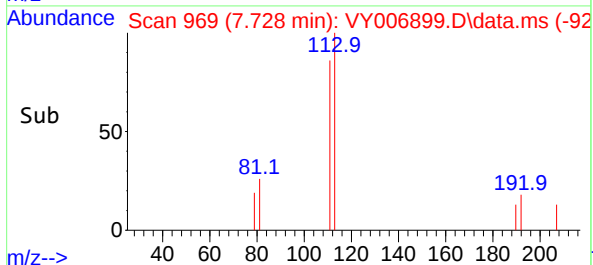
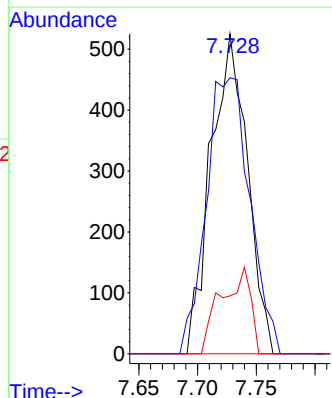
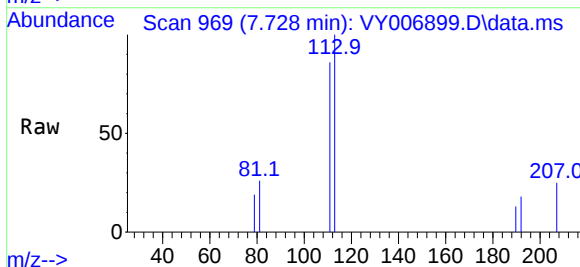
Tgt Ion:113 Resp: 1136

Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

192 21.7 17.4 26.2

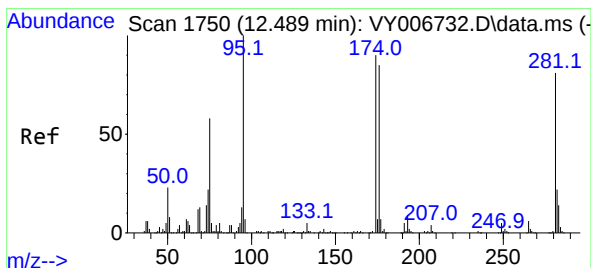
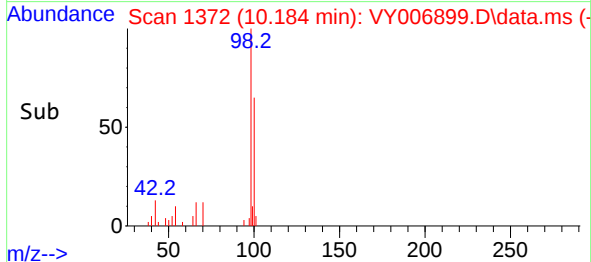
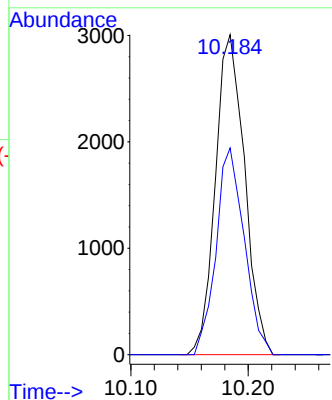
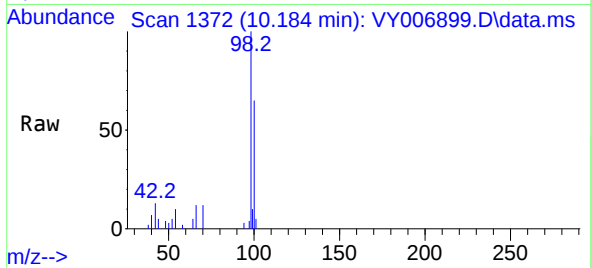




#50
Toluene-d8
Concen: 50.083 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006899.D
Acq: 26 Nov 2021 14:56

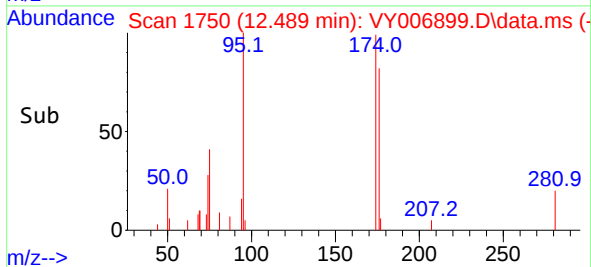
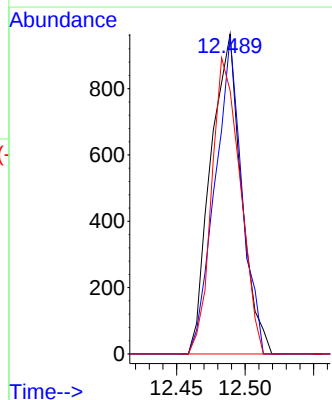
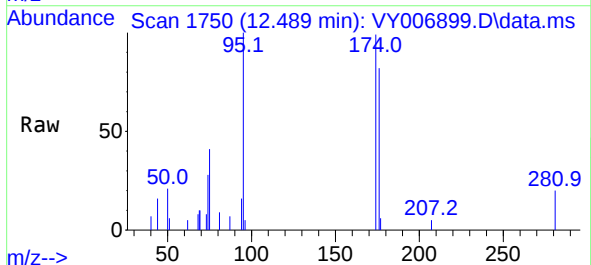
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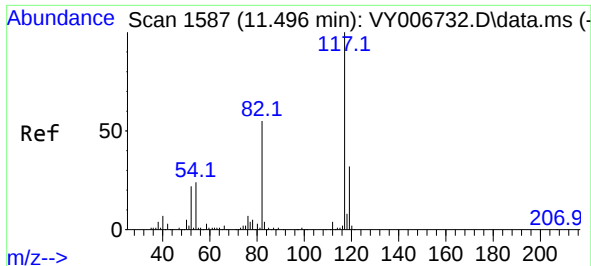
Tgt Ion: 98 Resp: 5199
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.748 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006899.D
Acq: 26 Nov 2021 14:56

Tgt Ion: 95 Resp: 1496
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 86.4 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006899.D

Acq: 26 Nov 2021 14:56

Instrument :

MSVOA_Y

ClientSampleId :

L-1ARE

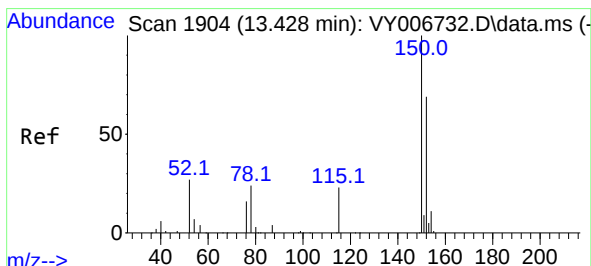
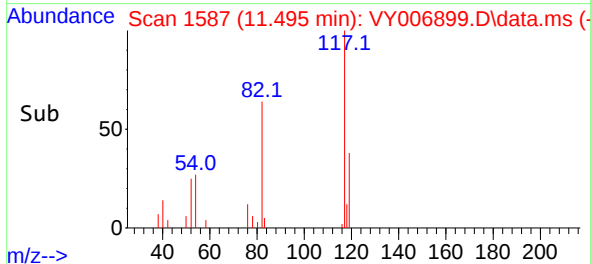
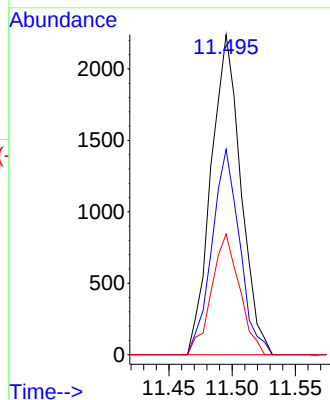
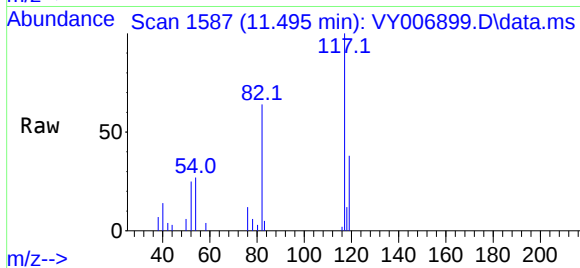
Tgt Ion:117 Resp: 3669

Ion Ratio Lower Upper

117 100

82 64.2 45.7 68.5

119 37.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY006899.D

Acq: 26 Nov 2021 14:56

Tgt Ion:152 Resp: 1160

Ion Ratio Lower Upper

152 100

115 57.1 28.5 85.5

150 163.8 0.0 348.2

