

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011983.D
 Acq On : 22 Dec 2022 18:32
 Operator : KP/MD
 Sample : N6183-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-2

Quant Time: Dec 23 04:33:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	8769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4517	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5931	67.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.260%
35) Dibromofluoromethane	7.716	113	3229	36.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.640%
50) Toluene-d8	10.179	98	17163	47.586	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.483	95	4831	39.827	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.660%

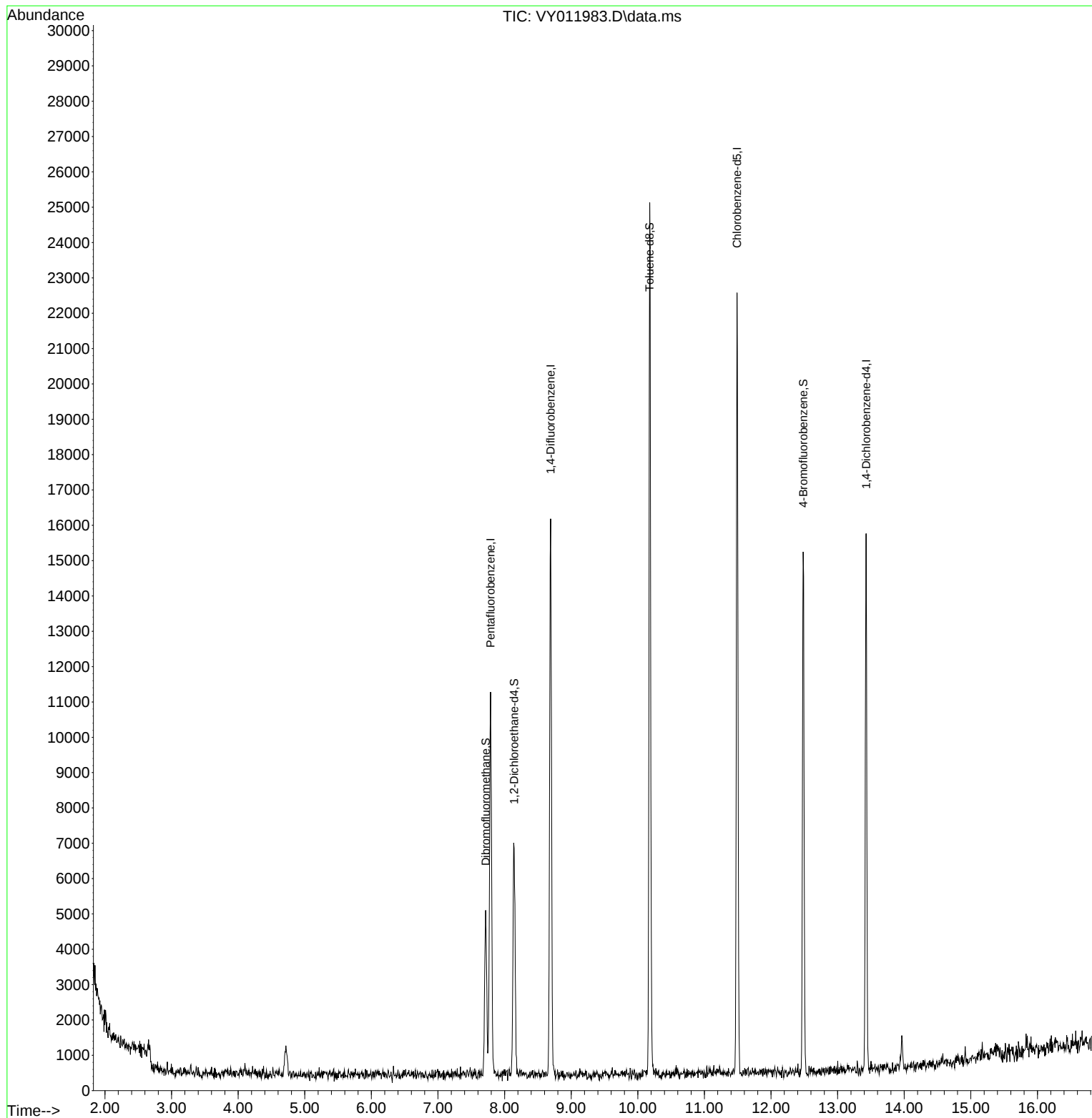
Target Compounds	Qvalue

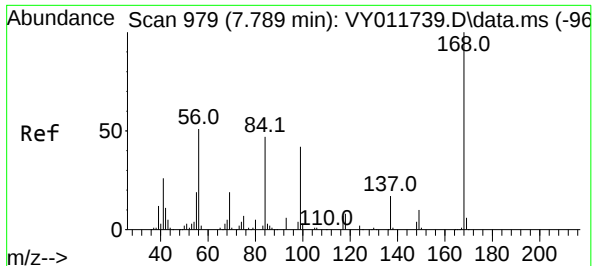
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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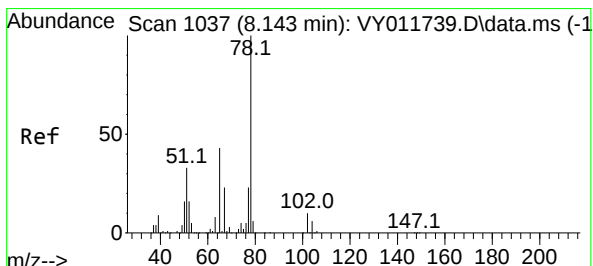
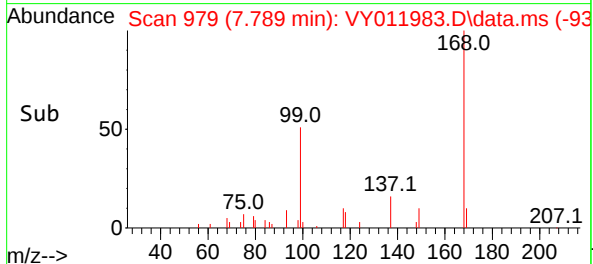
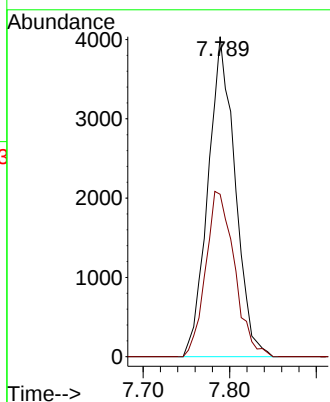
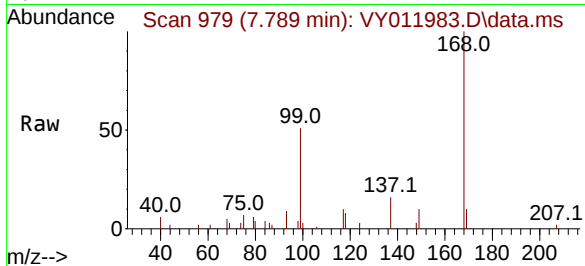




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

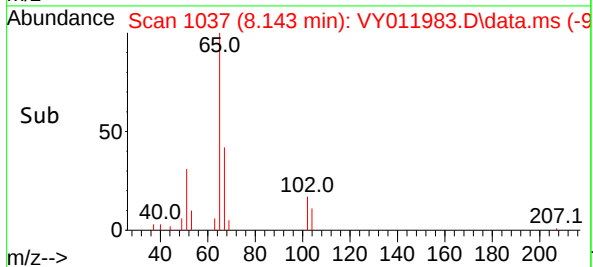
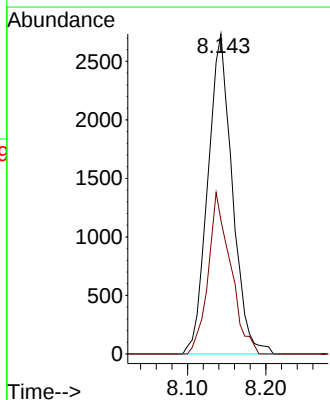
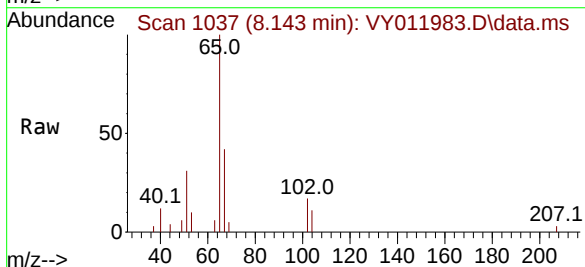
Instrument :
MSVOA_Y
ClientSampleId :
R-2

Tgt Ion:168 Resp: 8769
Ion Ratio Lower Upper
168 100
99 50.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 67.134 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

Tgt Ion: 65 Resp: 5931
Ion Ratio Lower Upper
65 100
67 46.2 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011983.D

Acq: 22 Dec 2022 18:32

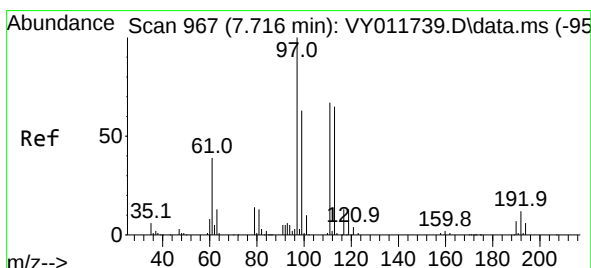
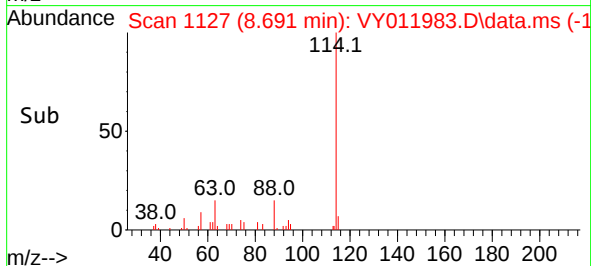
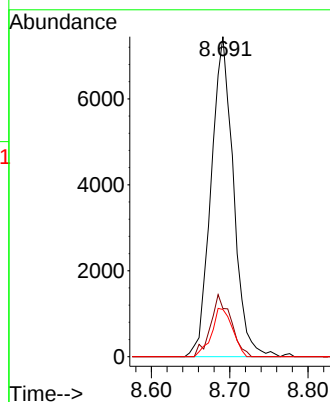
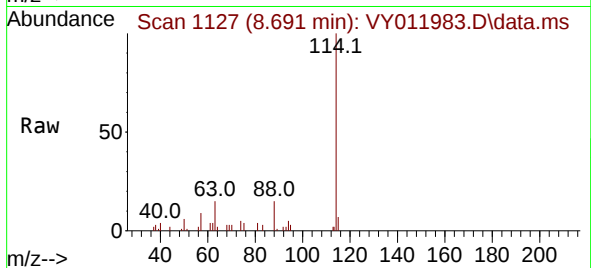
Instrument :

MSVOA_Y

ClientSampleId :

R-2

Tgt Ion:114	Resp:	14766
Ion Ratio	Lower	Upper
114	100	
63	15.1	0.0 39.6
88	14.7	0.0 32.2



#35

Dibromofluoromethane

Concen: 36.324 ug/l

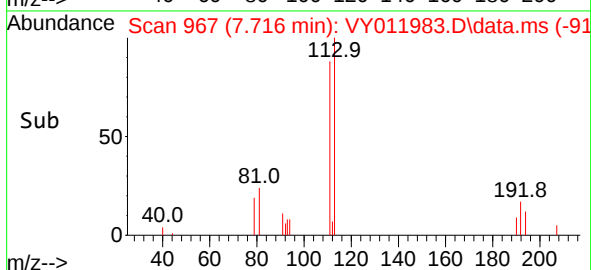
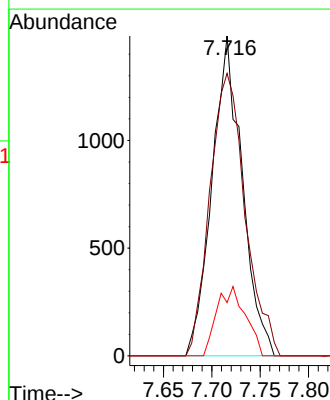
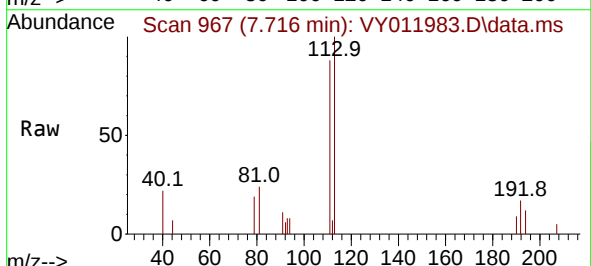
RT: 7.716 min Scan# 967

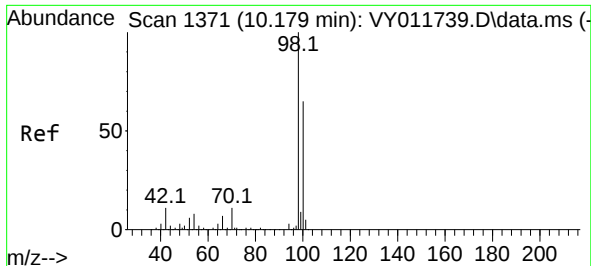
Delta R.T. -0.000 min

Lab File: VY011983.D

Acq: 22 Dec 2022 18:32

Tgt Ion:113	Resp:	3229
Ion Ratio	Lower	Upper
113	100	
111	102.6	83.0 124.4
192	20.4	16.0 24.0

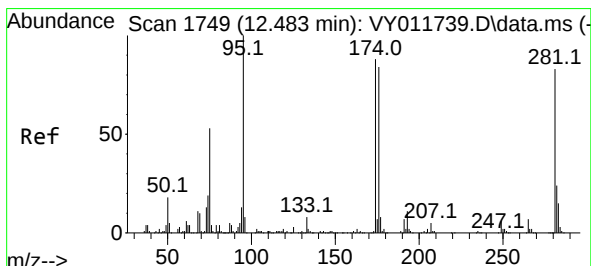
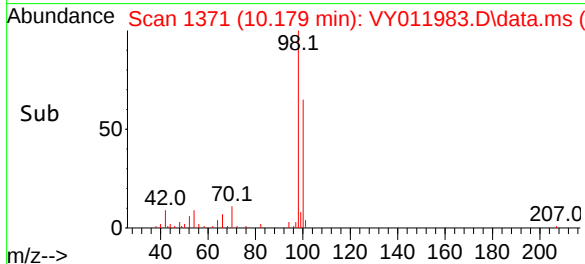
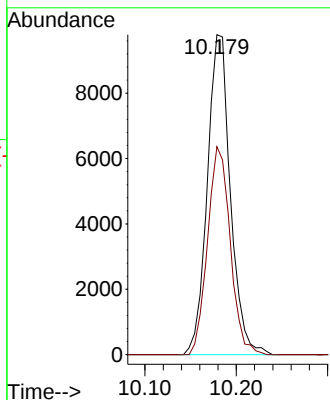
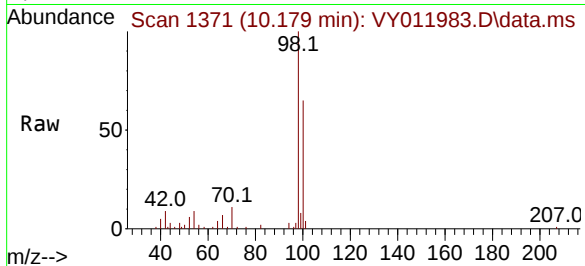




#50
Toluene-d8
Concen: 47.586 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

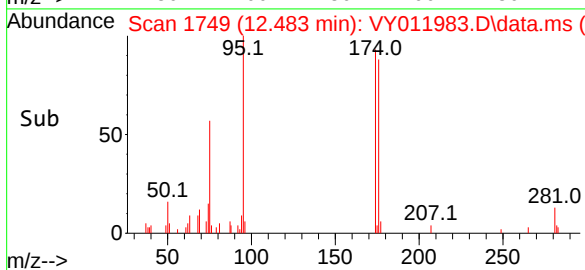
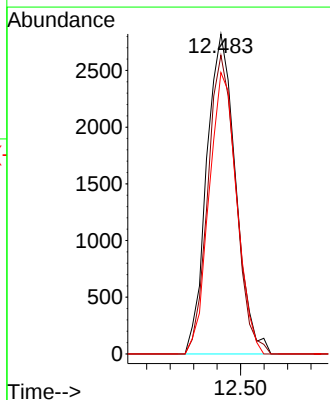
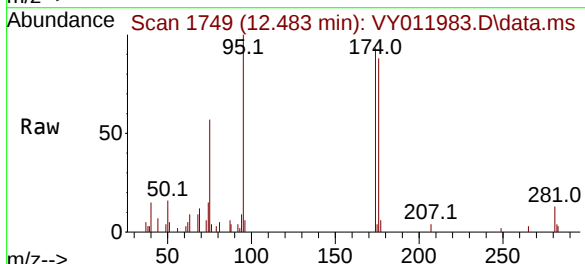
Instrument :
MSVOA_Y
ClientSampleId :
R-2

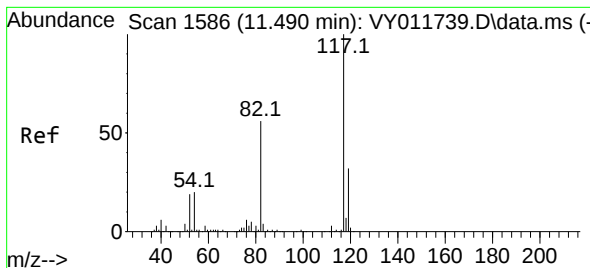
Tgt Ion: 98 Resp: 17163
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

Tgt Ion: 95 Resp: 4831
Ion Ratio Lower Upper
95 100
174 89.6 0.0 172.0
176 84.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011983.D

Acq: 22 Dec 2022 18:32

Instrument :

MSVOA_Y

ClientSampleId :

R-2

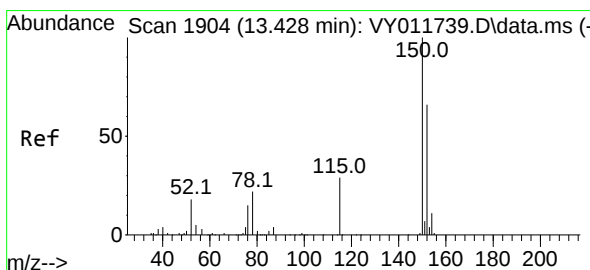
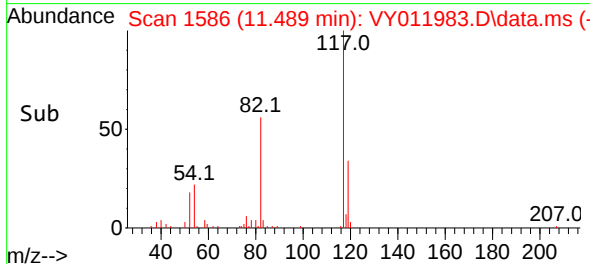
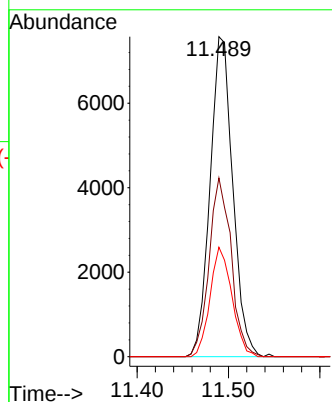
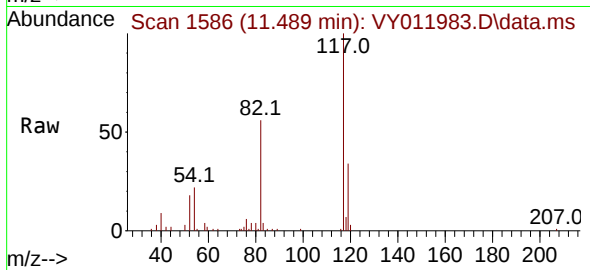
Tgt Ion:117 Resp: 13071

Ion Ratio Lower Upper

117 100

82 55.8 44.8 67.2

119 34.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011983.D

Acq: 22 Dec 2022 18:32

Tgt Ion:152 Resp: 4517

Ion Ratio Lower Upper

152 100

115 60.5 29.1 87.3

150 159.6 0.0 342.6

