

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019772.D
 Acq On : 02 Oct 2024 18:06
 Operator : SY/MD
 Sample : P4254-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-147-SLUDGE

Quant Time: Oct 03 04:47:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	3124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	5461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	2788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2368	81.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	163.720%#
35) Dibromofluoromethane	7.640	113	1912	61.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.500%
50) Toluene-d8	10.109	98	5472	47.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.402	95	481	10.923	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	21.840%#

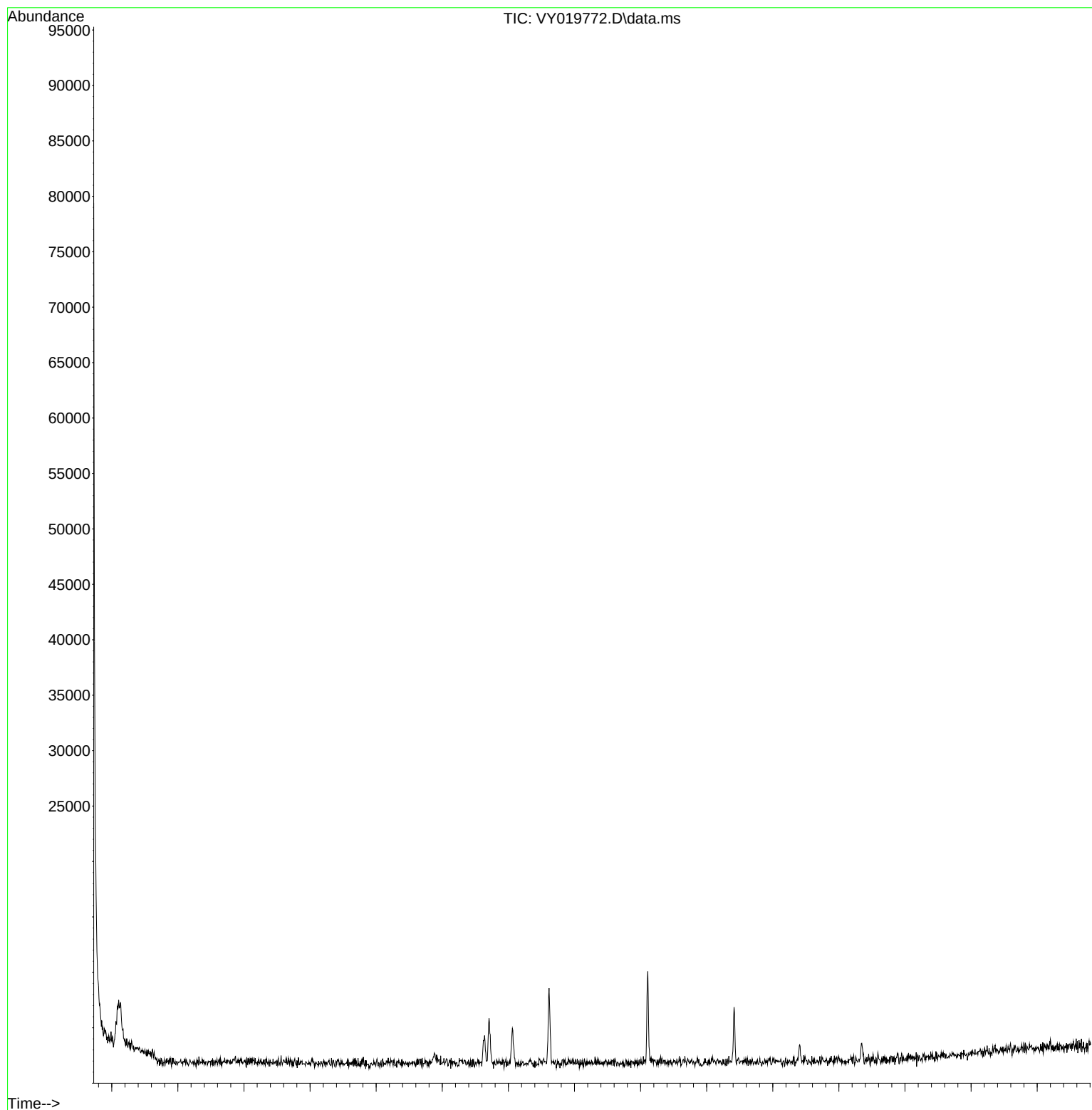
Target Compounds Qvalue

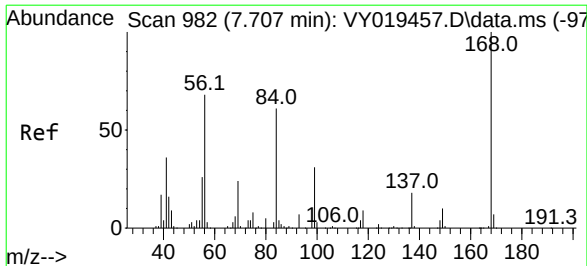
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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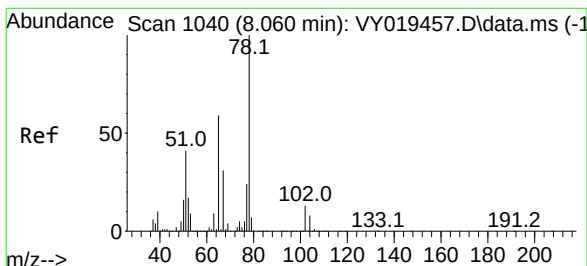
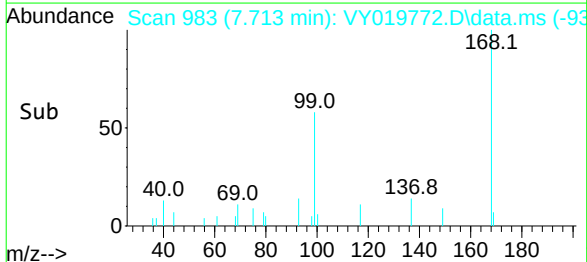
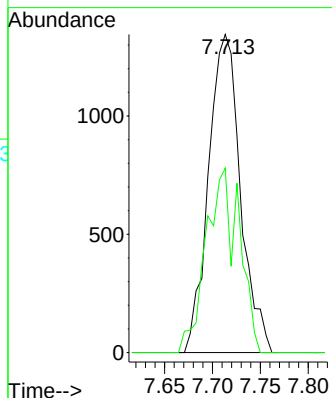
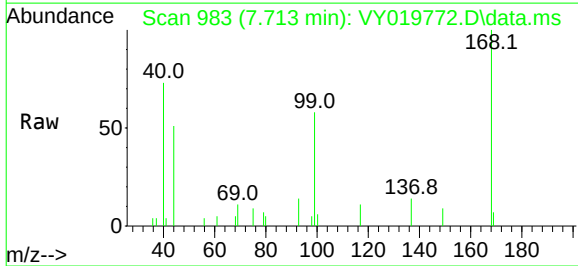




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019772.D
Acq: 02 Oct 2024 18:06

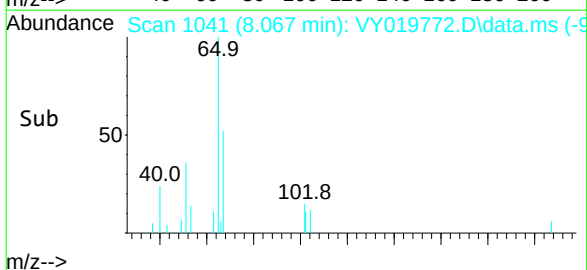
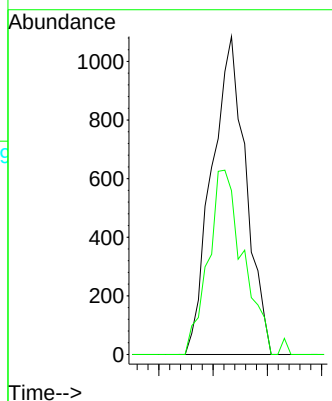
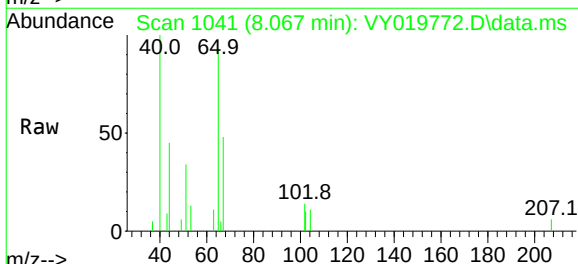
Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE

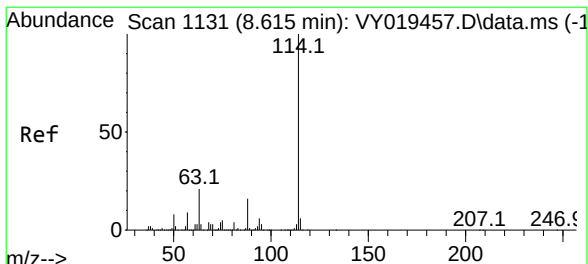
Tgt Ion:168 Resp: 3124
Ion Ratio Lower Upper
168 100
99 58.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 81.860 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019772.D
Acq: 02 Oct 2024 18:06

Tgt Ion: 65 Resp: 2368
Ion Ratio Lower Upper
65 100
67 59.4 0.0 109.6

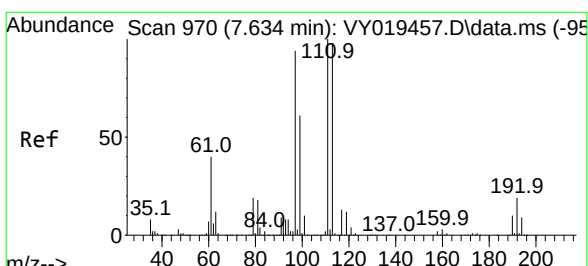
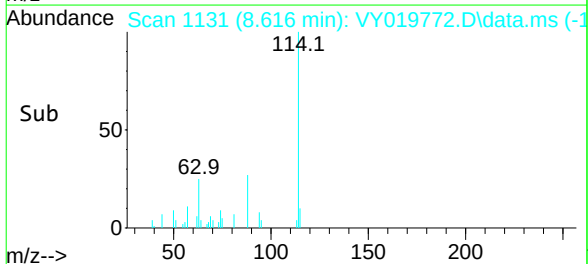
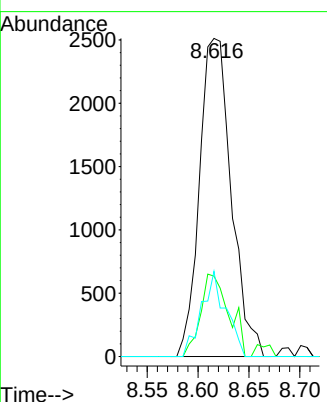
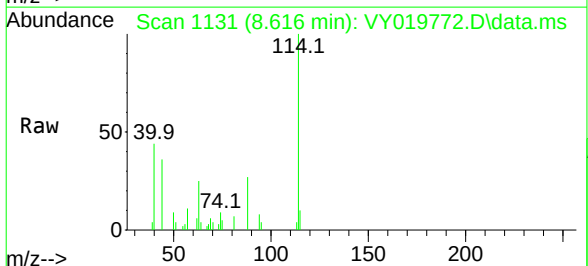




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019772.D
 Acq: 02 Oct 2024 18:06

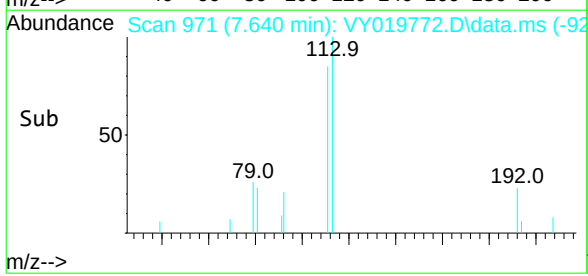
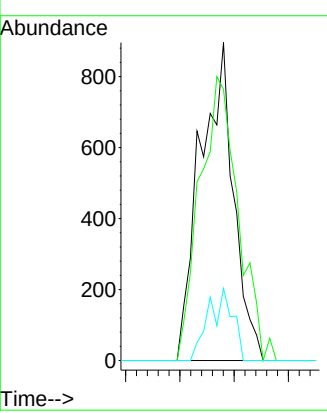
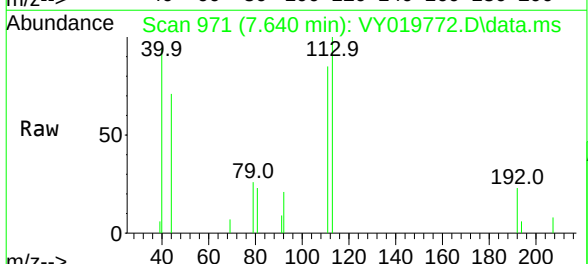
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-147-SLUDGE

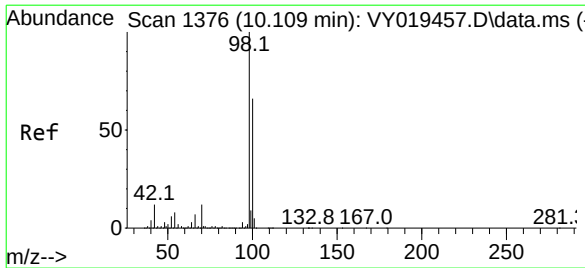
Tgt Ion:	114	Resp:	5461
Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	35.0
88	26.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 61.751 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY019772.D
 Acq: 02 Oct 2024 18:06

Tgt Ion:	113	Resp:	1912
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	16.5	15.9	23.9





#50

Toluene-d8

Concen: 47.780 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY019772.D

Acq: 02 Oct 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

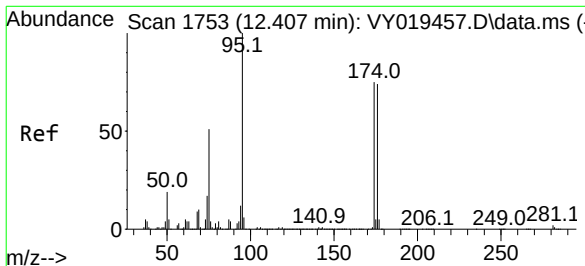
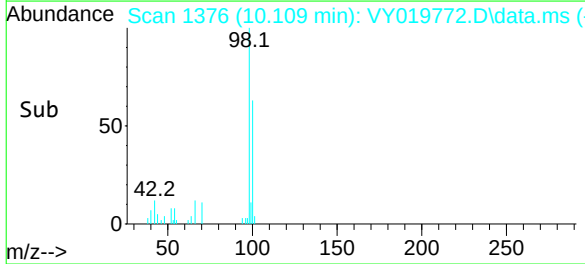
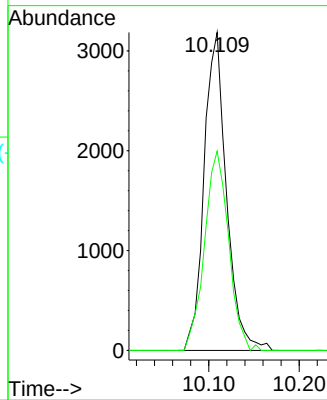
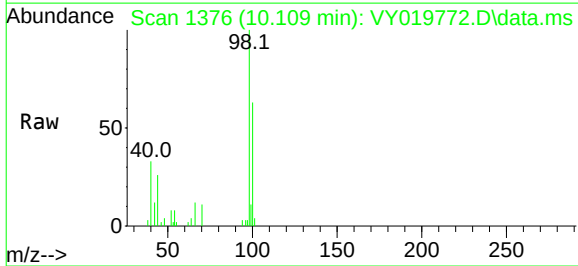
MH-147-SLUDGE

Tgt Ion: 98 Resp: 5472

Ion Ratio Lower Upper

98 100

100 67.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 10.923 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019772.D

Acq: 02 Oct 2024 18:06

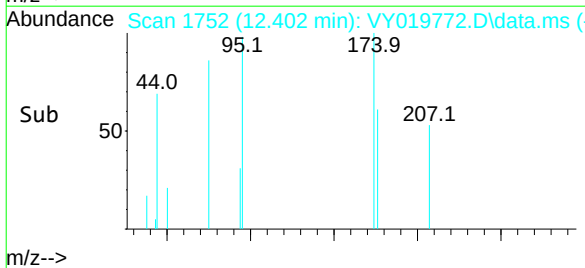
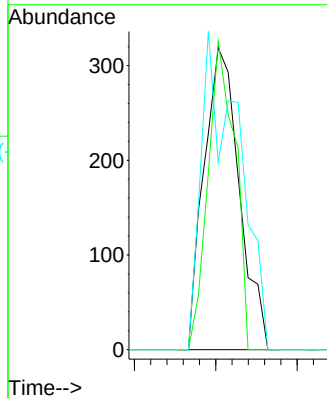
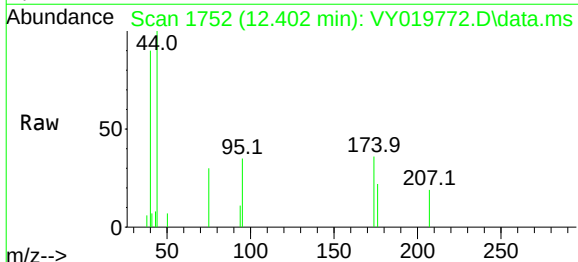
Tgt Ion: 95 Resp: 481

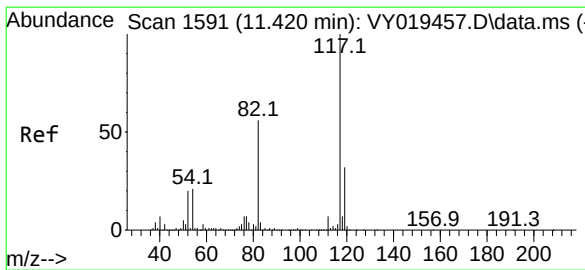
Ion Ratio Lower Upper

95 100

174 78.4 0.0 175.6

176 110.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019772.D

Acq: 02 Oct 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

MH-147-SLUDGE

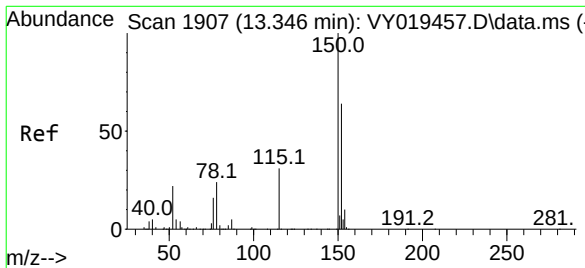
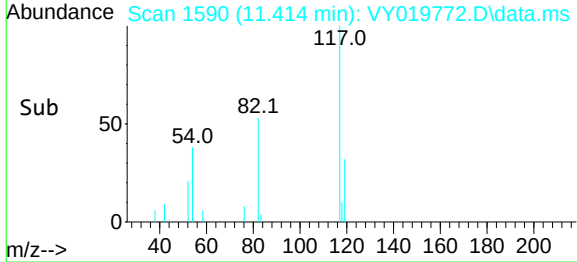
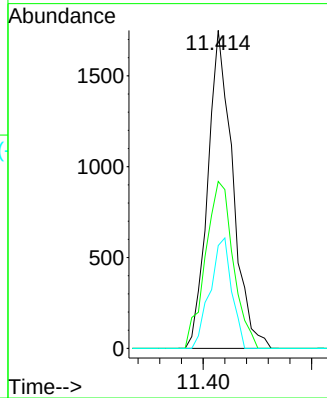
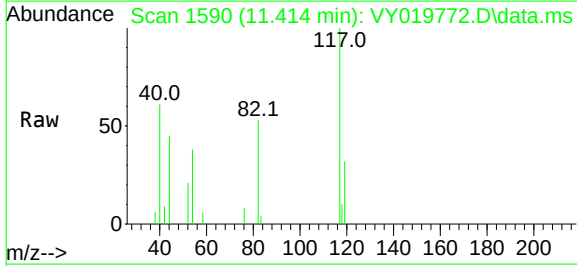
Tgt Ion:117 Resp: 2788

Ion Ratio Lower Upper

117 100

82 52.5 42.4 63.6

119 32.3 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: VY019772.D

Acq: 02 Oct 2024 18:06

Tgt Ion:152 Resp: 410

Ion Ratio Lower Upper

152 100

115 68.5 28.2 84.7

150 209.5 0.0 345.6

