

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019777.D
 Acq On : 03 Oct 2024 10:17
 Operator : SY/MD
 Sample : VY1003SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1003SBL01

Quant Time: Oct 04 01:22:23 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	7.707	168	267988	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	512122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	450147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	160873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	152175	61.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.640%
35) Dibromofluoromethane	7.640	113	160925	55.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.840%
50) Toluene-d8	10.109	98	611282	56.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.840%
62) 4-Bromofluorobenzene	12.401	95	191072	46.269	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.540%

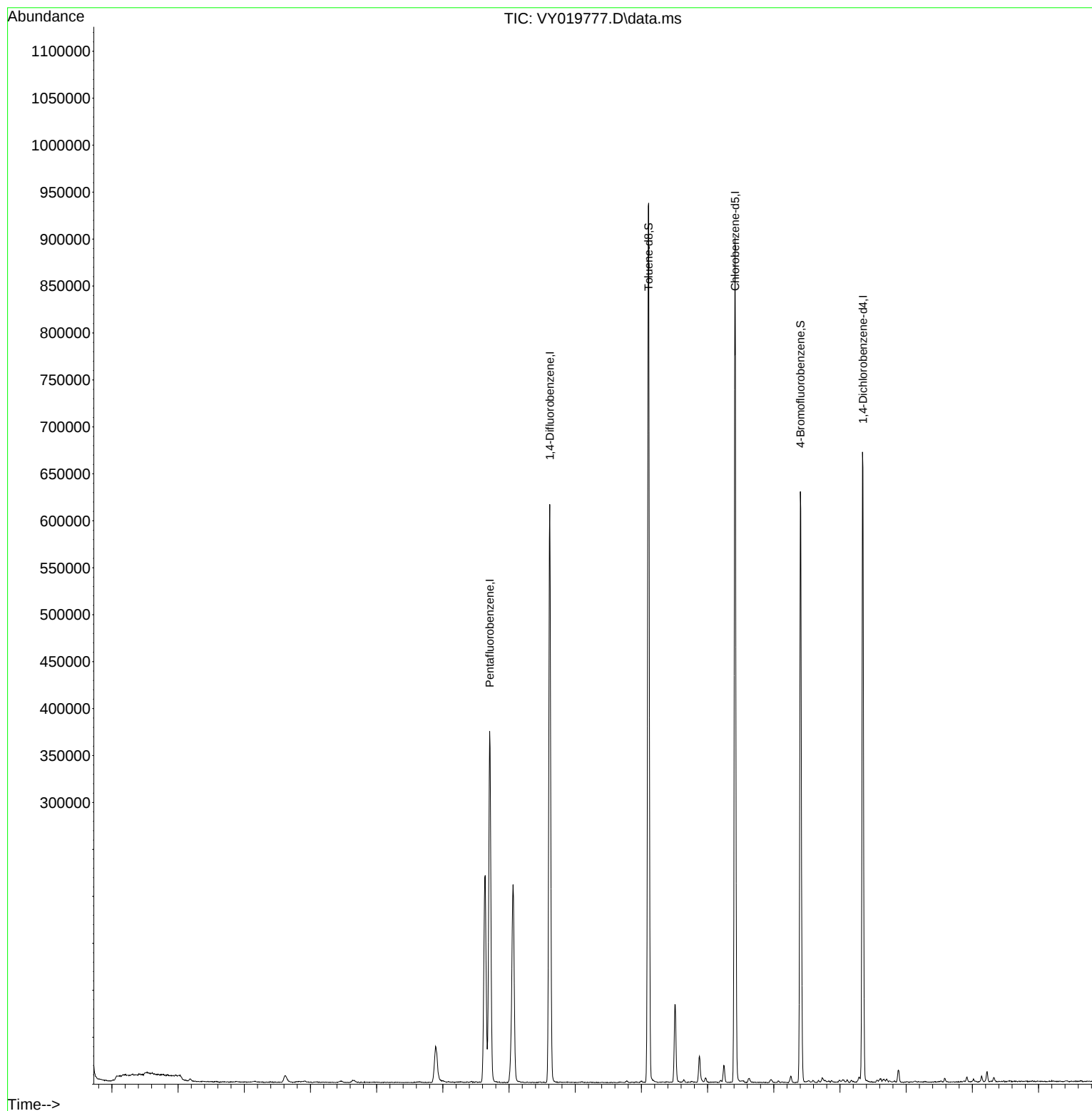
Target Compounds Qvalue

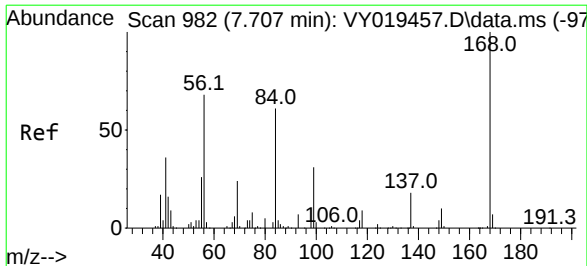
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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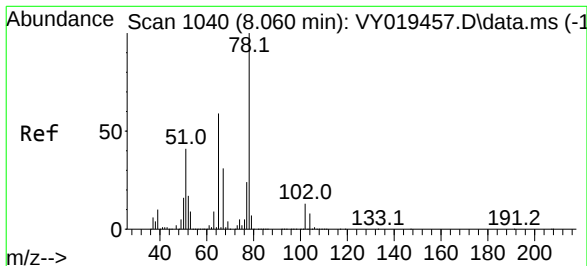
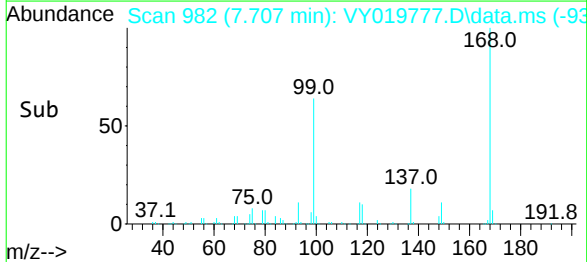
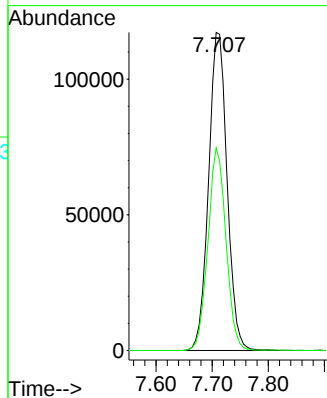
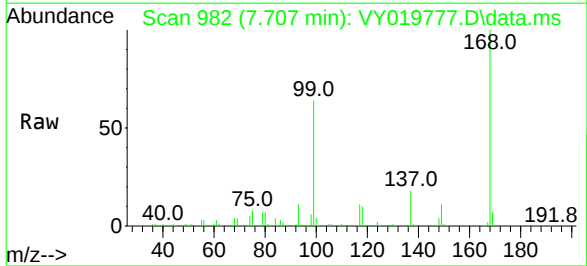




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

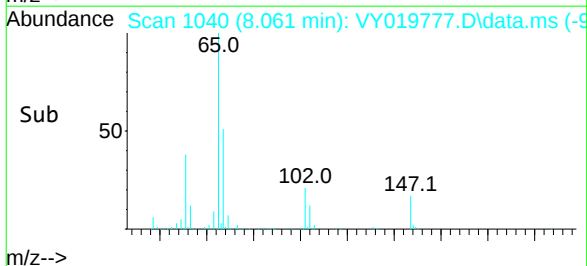
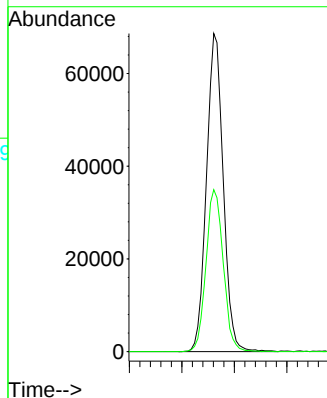
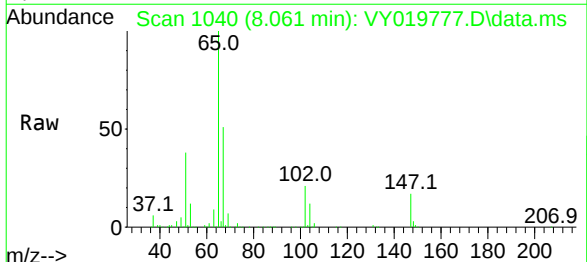
Instrument :
MSVOA_Y
ClientSampleId :
VY1003SBL01

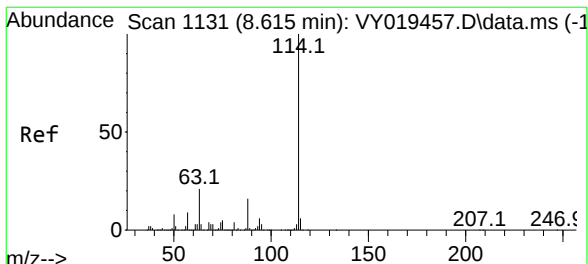
Tgt Ion:168 Resp: 267988
Ion Ratio Lower Upper
168 100
99 63.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.324 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019777.D
Acq: 03 Oct 2024 10:17

Tgt Ion: 65 Resp: 152175
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

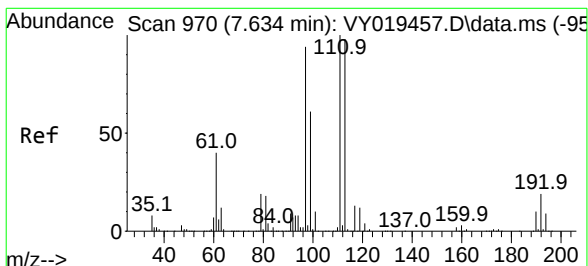
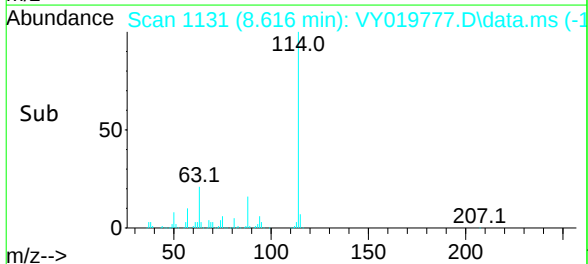
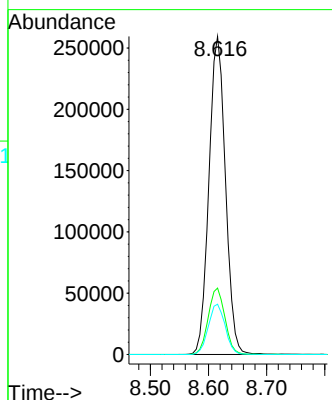
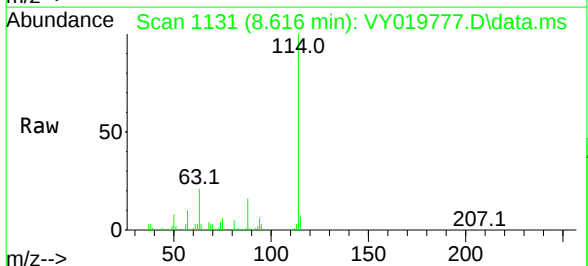




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019777.D
 Acq: 03 Oct 2024 10:17

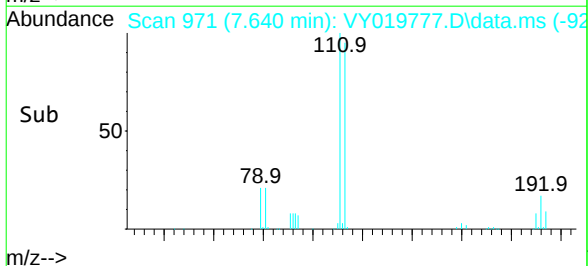
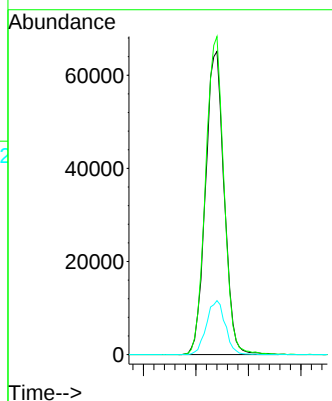
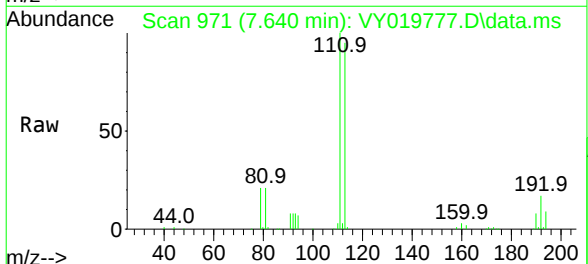
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1003SBL01

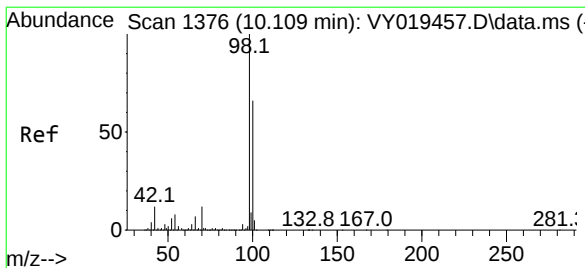
Tgt Ion:	114	Resp:	512122
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	35.0
88	15.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 55.422 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY019777.D
 Acq: 03 Oct 2024 10:17

Tgt Ion:	113	Resp:	160925
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	17.9	15.9	23.9





#50

Toluene-d8

Concen: 56.917 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019777.D

Acq: 03 Oct 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

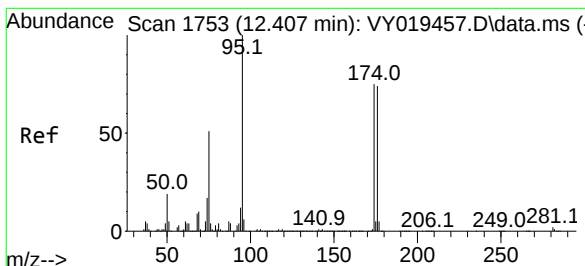
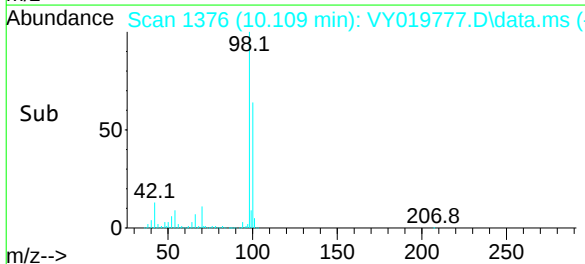
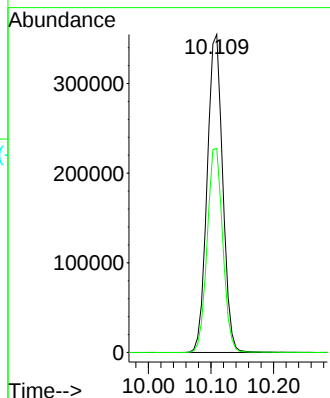
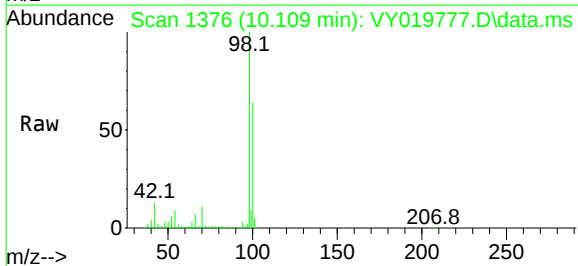
VY1003SBL01

Tgt Ion: 98 Resp: 611282

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.269 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019777.D

Acq: 03 Oct 2024 10:17

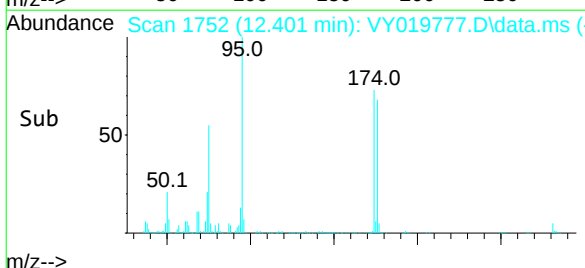
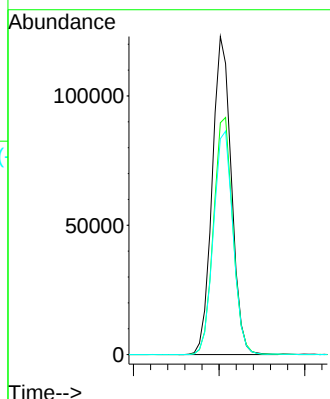
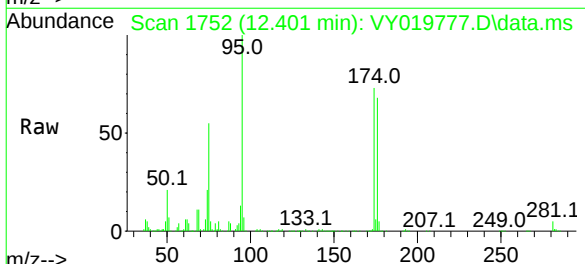
Tgt Ion: 95 Resp: 191072

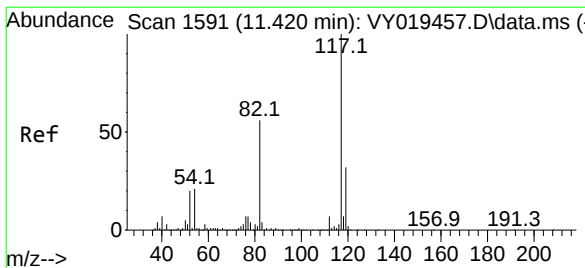
Ion Ratio Lower Upper

95 100

174 75.1 0.0 175.6

176 71.7 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: VY019777.D

Acq: 03 Oct 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1003SBL01

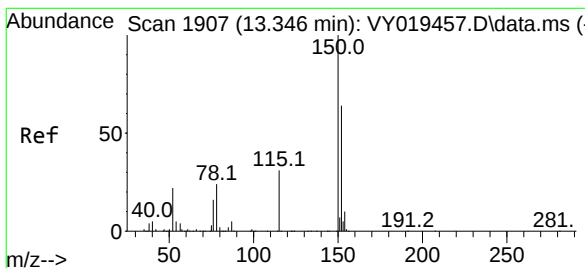
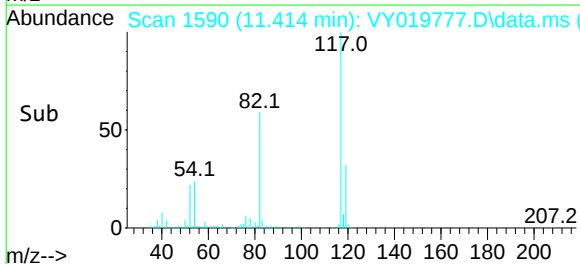
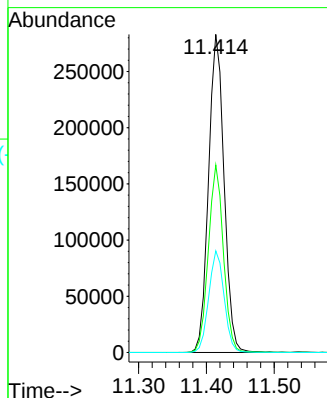
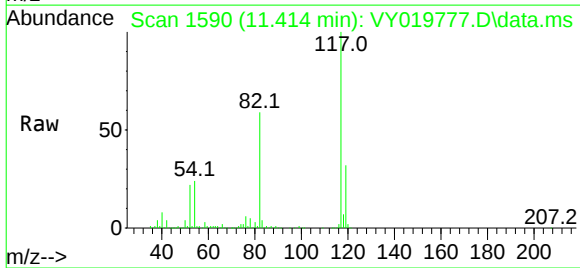
Tgt Ion:117 Resp: 450147

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 32.0 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: VY019777.D

Acq: 03 Oct 2024 10:17

Tgt Ion:152 Resp: 160873

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 157.9 0.0 345.6

