

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020277.D
 Acq On : 13 Nov 2024 12:00
 Operator : SY/MD
 Sample : VY1113SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBL01

Quant Time: Nov 14 00:54:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	201367	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	373967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	291234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	108368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	132507	52.725	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.440%
35) Dibromofluoromethane	7.646	113	119666	50.329	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.109	98	499470	52.774	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.540%
62) 4-Bromofluorobenzene	12.408	95	147677	48.039	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.080%

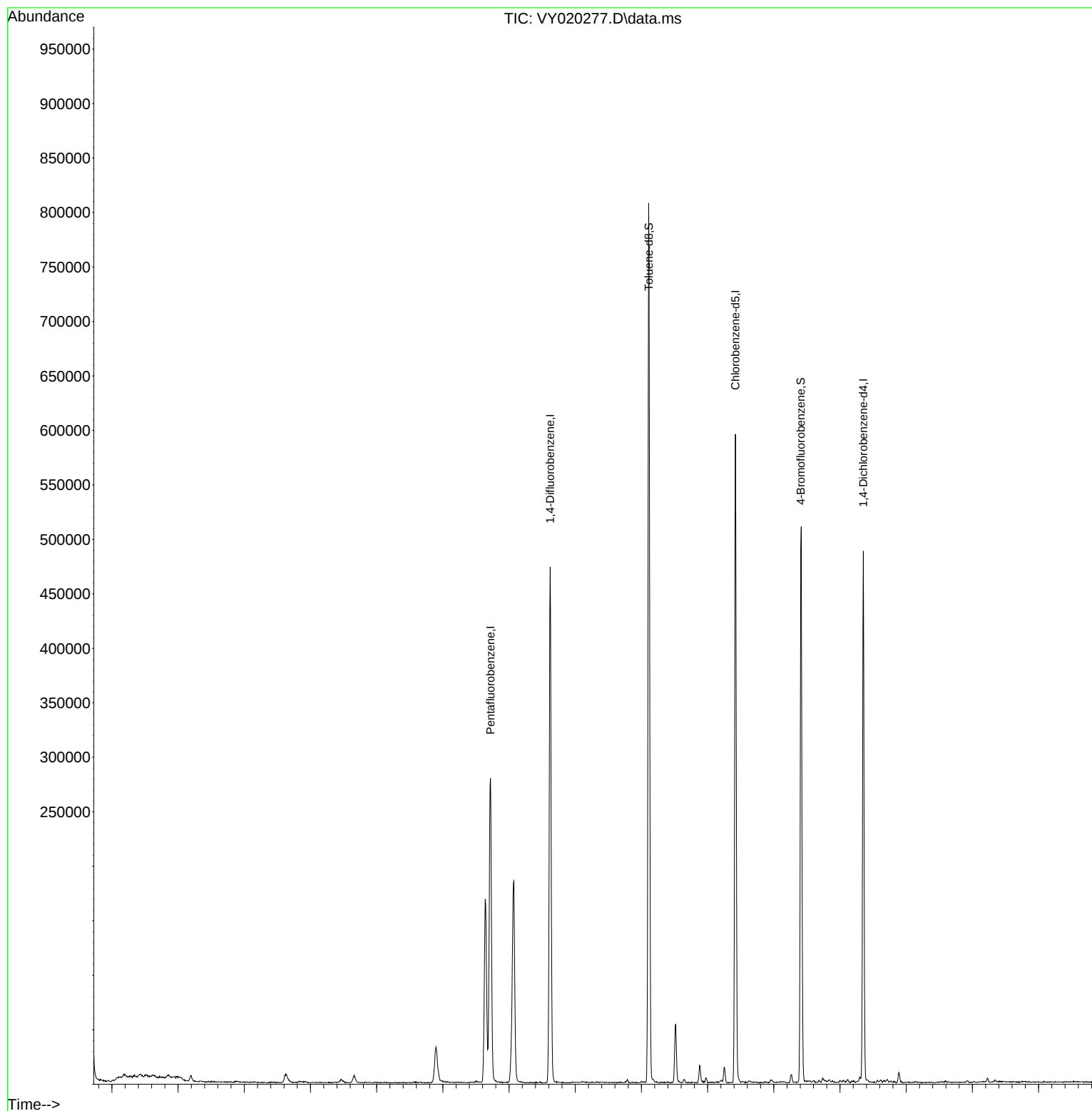
Target Compounds	Qvalue

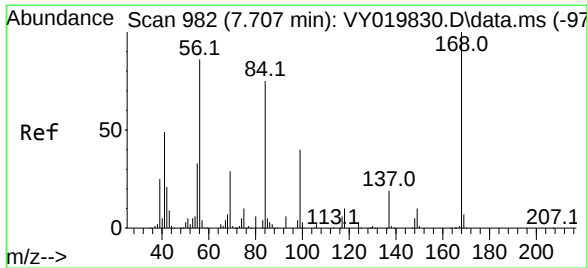
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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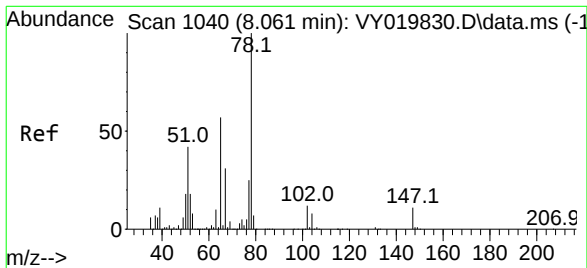
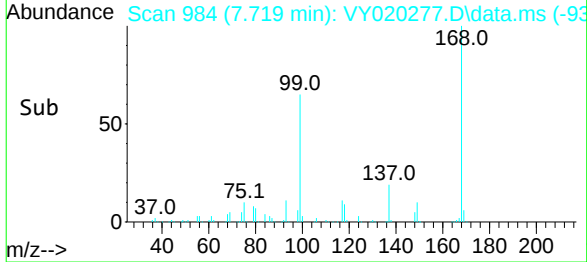
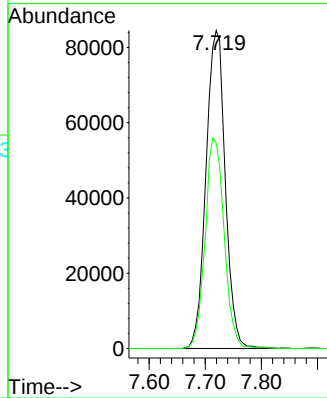
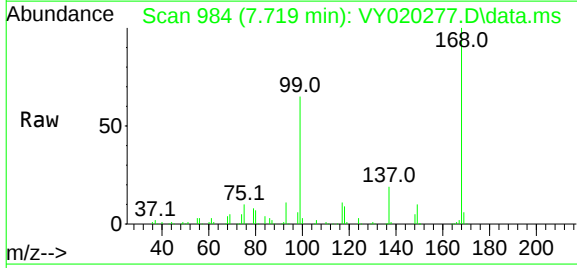




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.012 min
Lab File: VY020277.D
Acq: 13 Nov 2024 12:00

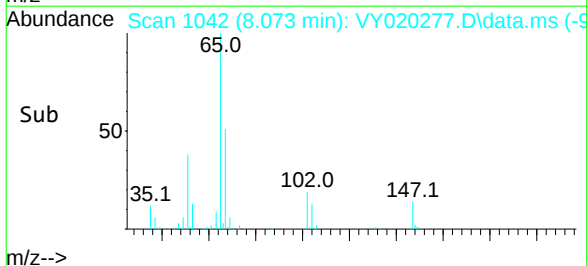
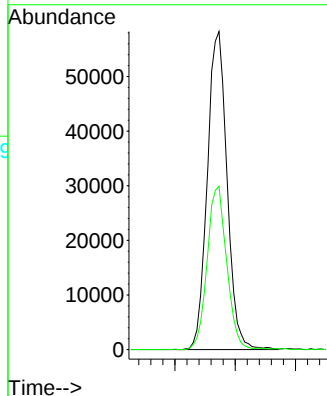
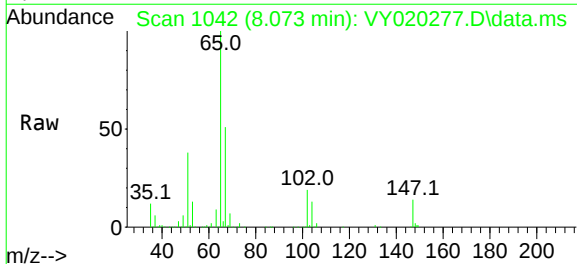
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBL01

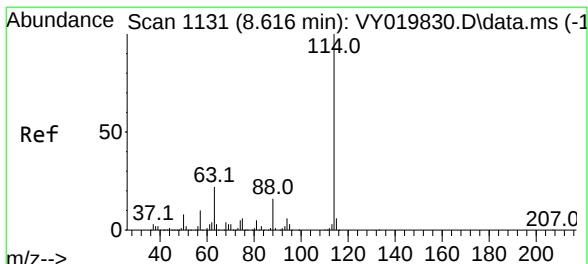
Tgt Ion:168 Resp: 201367
Ion Ratio Lower Upper
168 100
99 64.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 52.725 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.013 min
Lab File: VY020277.D
Acq: 13 Nov 2024 12:00

Tgt Ion: 65 Resp: 132507
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6

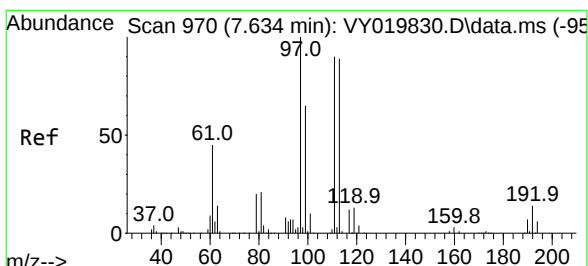
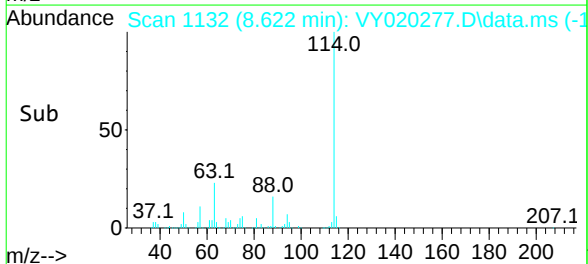
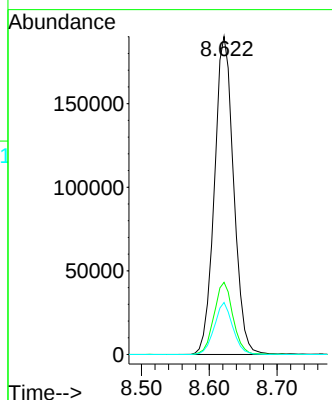
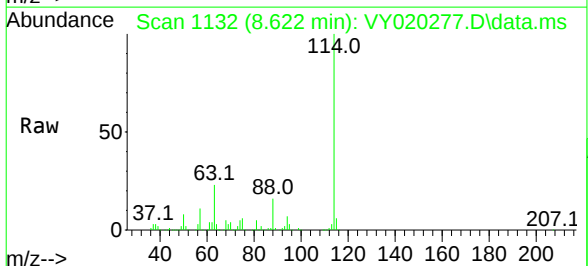




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020277.D
 Acq: 13 Nov 2024 12:00

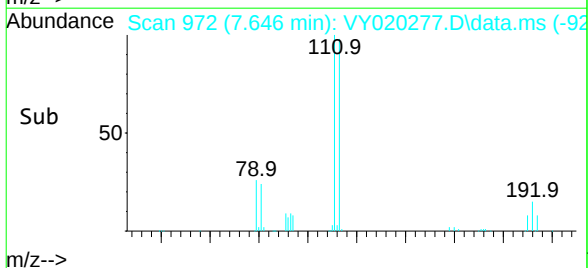
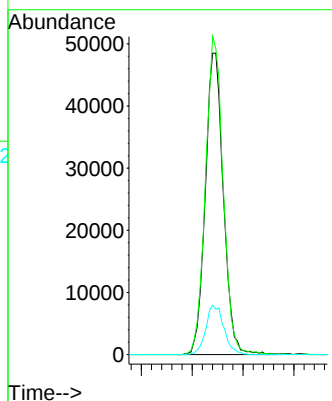
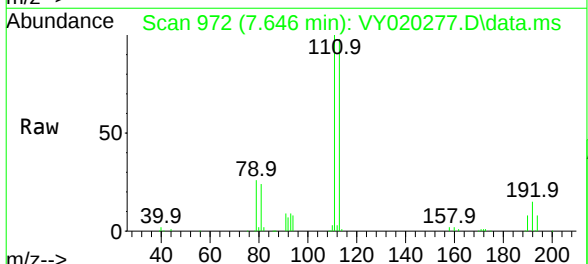
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBL01

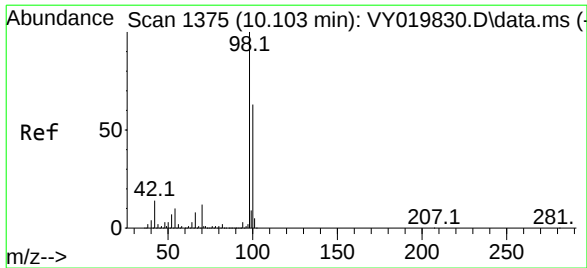
Tgt Ion:	114	Resp:	373967
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	35.0
88	16.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 50.329 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.013 min
 Lab File: VY020277.D
 Acq: 13 Nov 2024 12:00

Tgt Ion:	113	Resp:	119666
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	16.4	15.9	23.9





#50

Toluene-d8

Concen: 52.774 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020277.D

Acq: 13 Nov 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

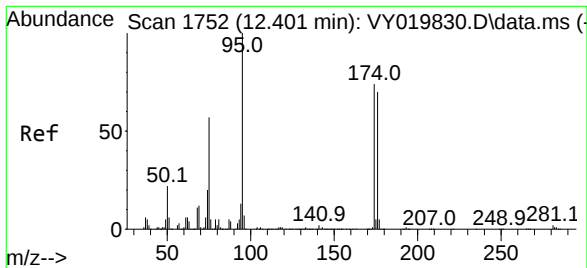
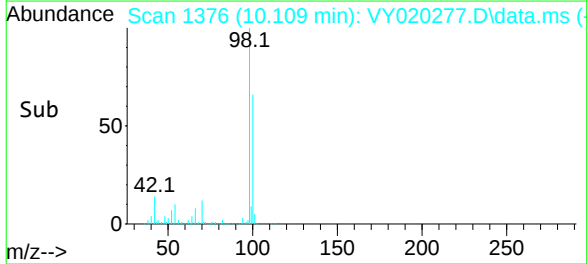
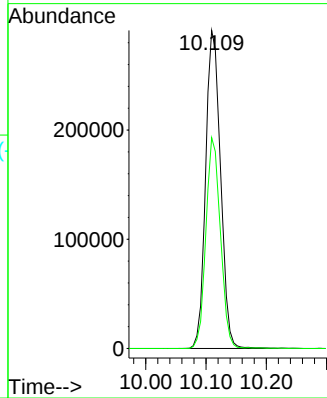
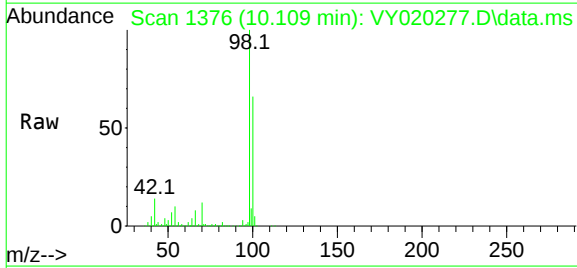
VY1113SBL01

Tgt Ion: 98 Resp: 499470

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.039 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020277.D

Acq: 13 Nov 2024 12:00

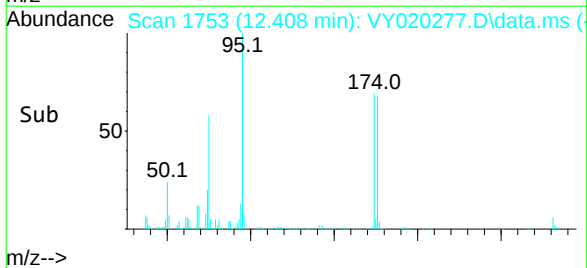
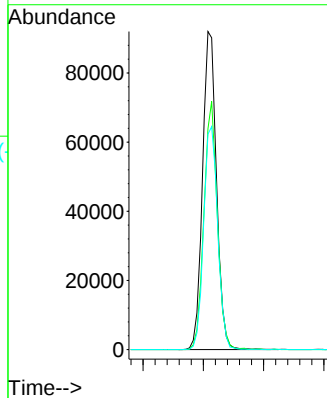
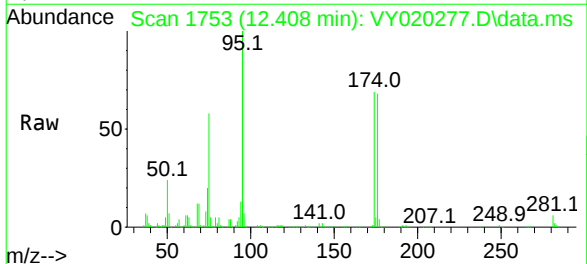
Tgt Ion: 95 Resp: 147677

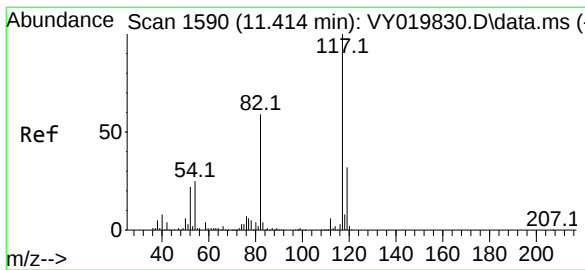
Ion Ratio Lower Upper

95 100

174 74.8 0.0 175.6

176 70.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020277.D

Acq: 13 Nov 2024 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBL01

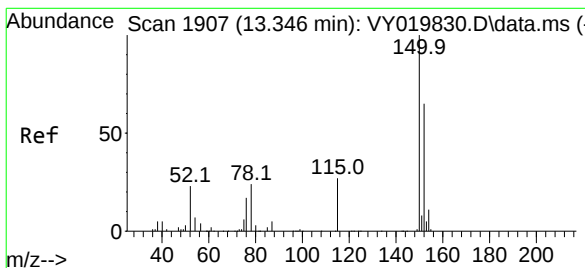
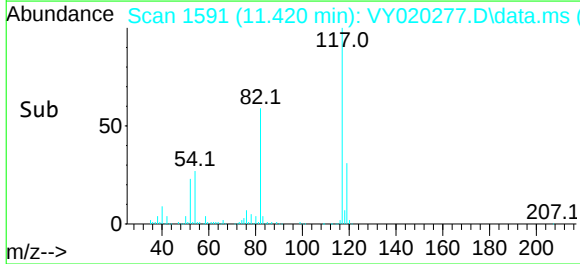
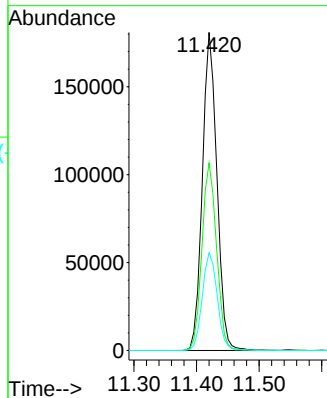
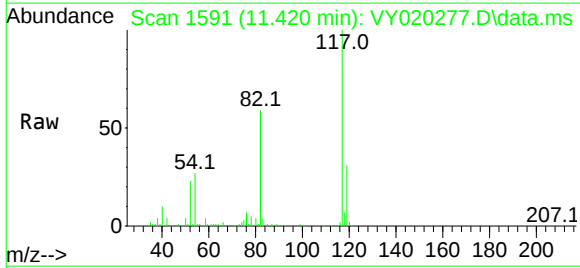
Tgt Ion:117 Resp: 291234

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 30.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020277.D

Acq: 13 Nov 2024 12:00

Tgt Ion:152 Resp: 108368

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 157.9 0.0 345.6

