

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020828.D
 Acq On : 15 Jan 2025 10:25
 Operator : SY/MD
 Sample : VY0115SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBL01

Quant Time: Jan 16 00:55:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	196482	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	339127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	287092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	108328	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	99378	59.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.020%
35) Dibromofluoromethane	7.652	113	107939	50.804	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.600%
50) Toluene-d8	10.115	98	389488	52.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.414	95	116478	42.587	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.180%

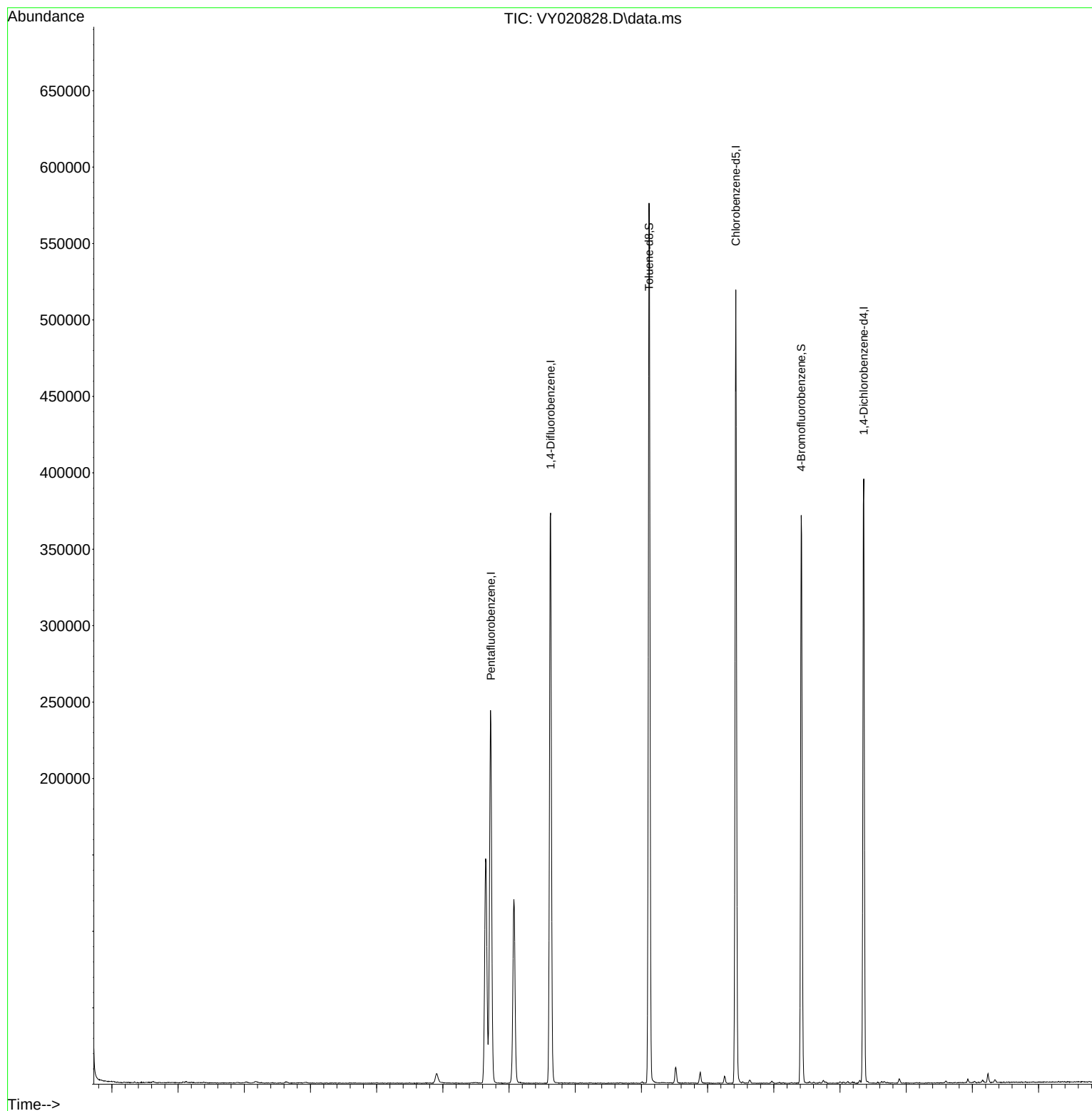
Target Compounds	Qvalue

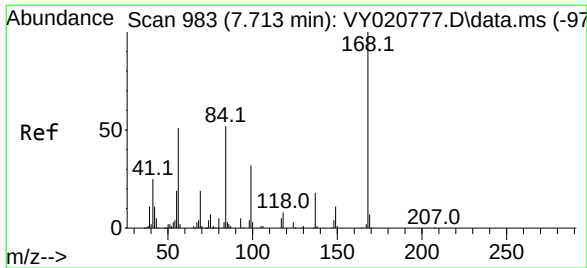
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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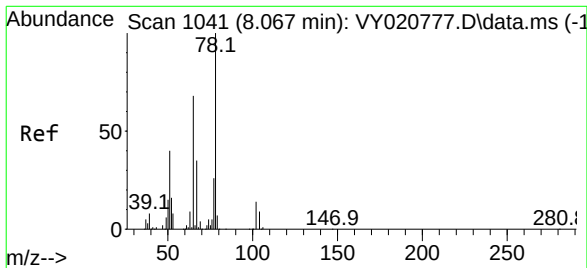
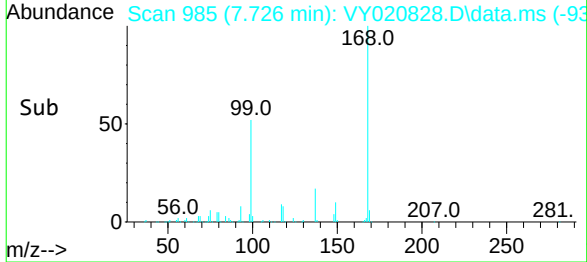
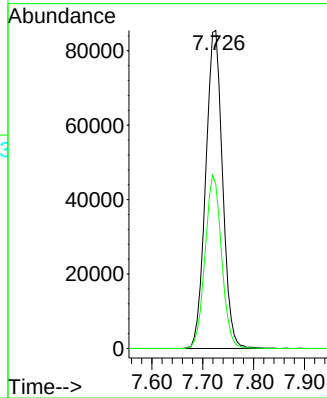
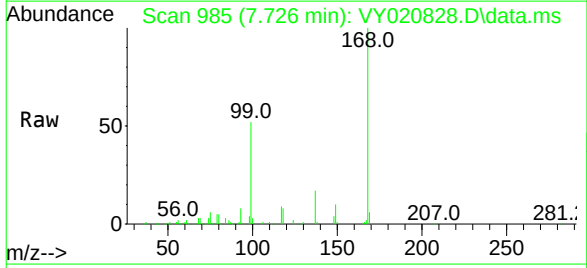




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. 0.013 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25

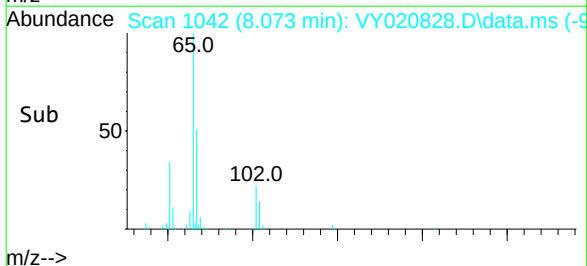
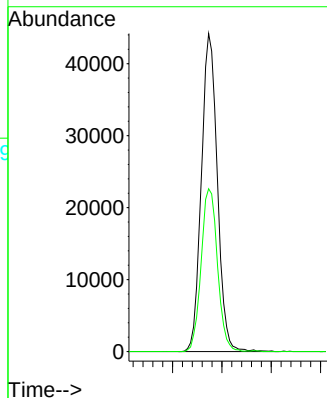
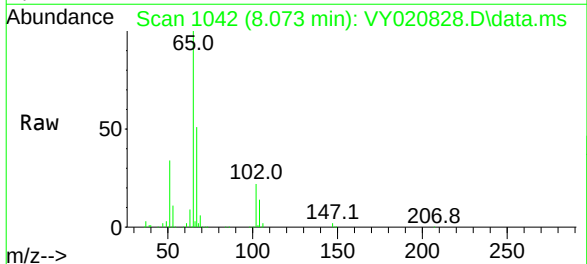
Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBL01

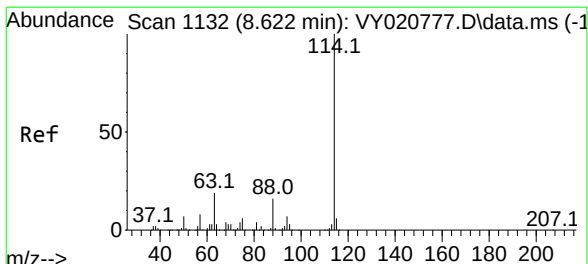
Tgt Ion:168 Resp: 196482
Ion Ratio Lower Upper
168 100
99 51.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 59.507 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020828.D
Acq: 15 Jan 2025 10:25

Tgt Ion: 65 Resp: 99378
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.8

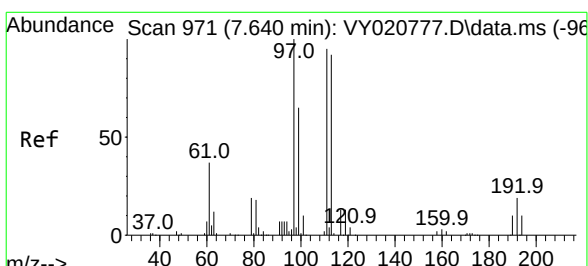
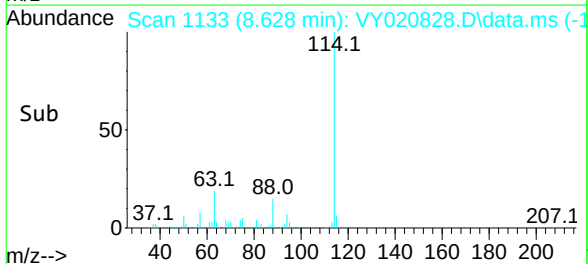
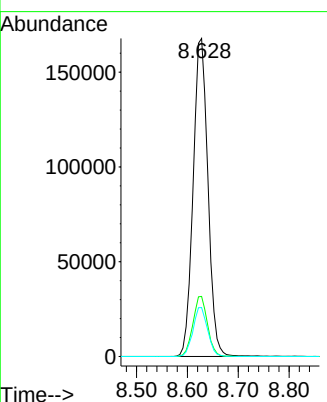
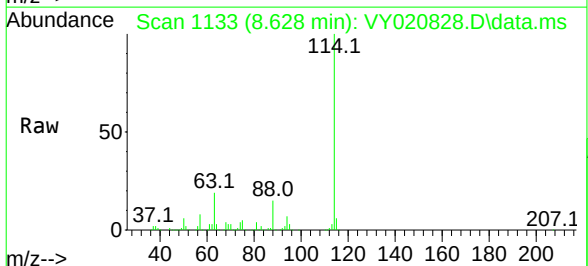




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020828.D
 Acq: 15 Jan 2025 10:25

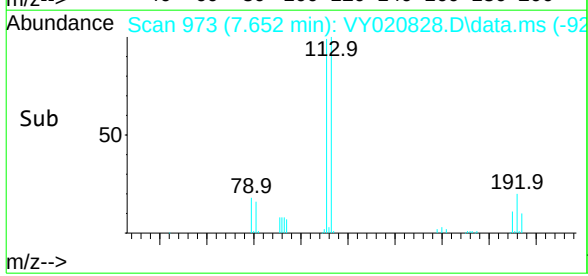
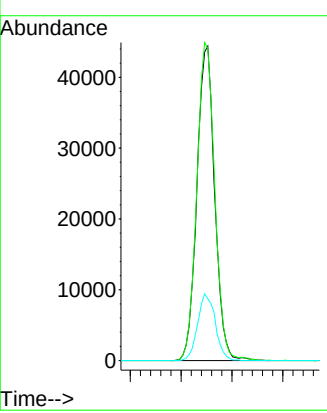
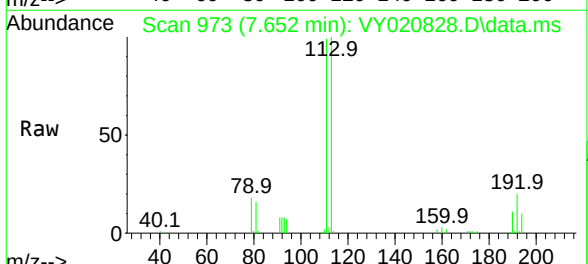
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBL01

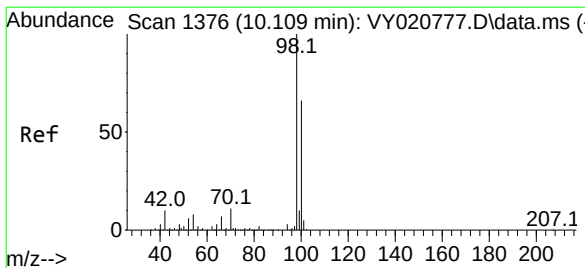
Tgt Ion:	114	Resp:	339127
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.4
88	15.4	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 50.804 ug/l
 RT: 7.652 min Scan# 973
 Delta R.T. 0.012 min
 Lab File: VY020828.D
 Acq: 15 Jan 2025 10:25

Tgt Ion:	113	Resp:	107939
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.7	122.5
192	21.1	16.7	25.1





#50

Toluene-d8

Concen: 52.588 ug/l

RT: 10.115 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY020828.D

Acq: 15 Jan 2025 10:25

Instrument :

MSVOA_Y

ClientSampleId :

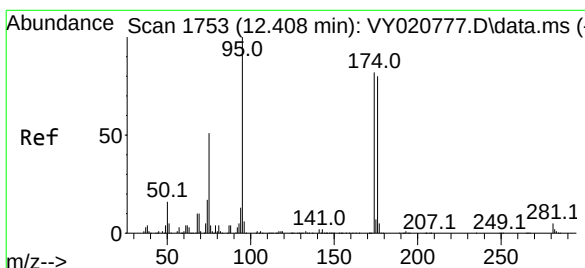
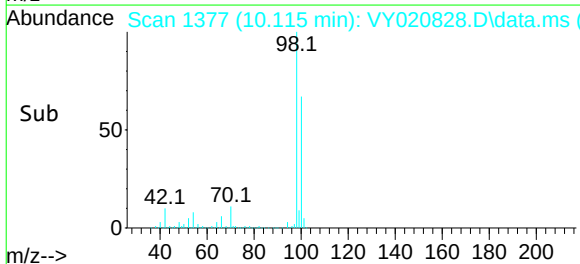
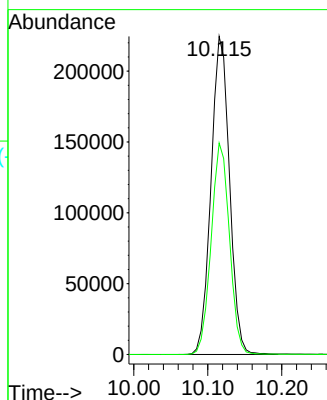
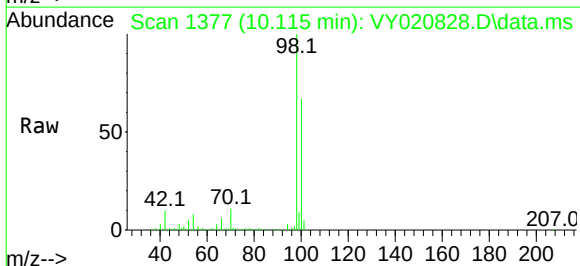
VY0115SBL01

Tgt Ion: 98 Resp: 389488

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 42.587 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020828.D

Acq: 15 Jan 2025 10:25

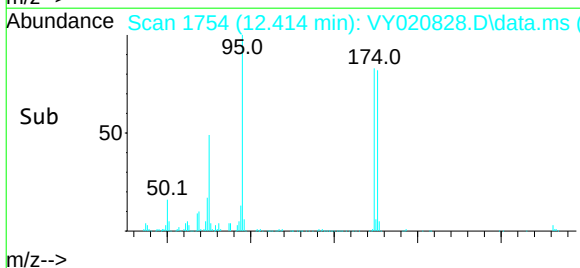
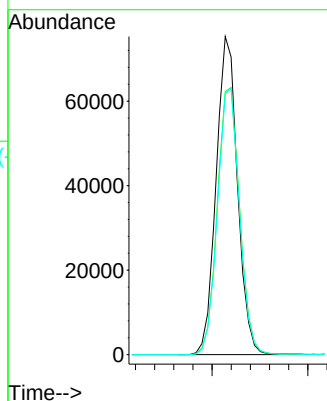
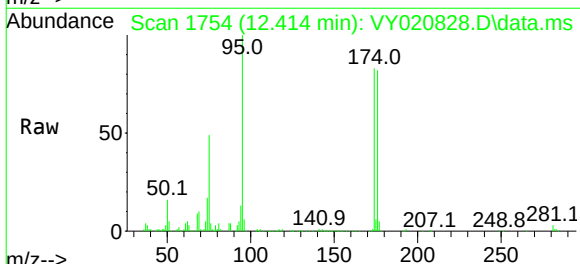
Tgt Ion: 95 Resp: 116478

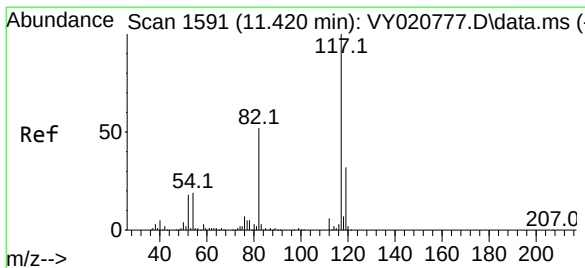
Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.0

176 86.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020828.D

Acq: 15 Jan 2025 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0115SBL01

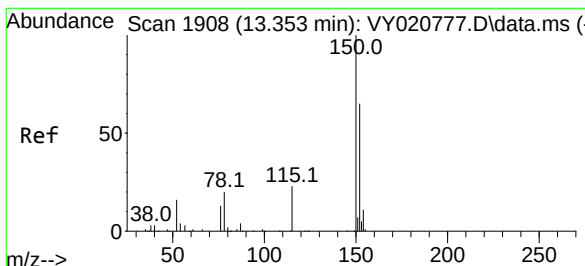
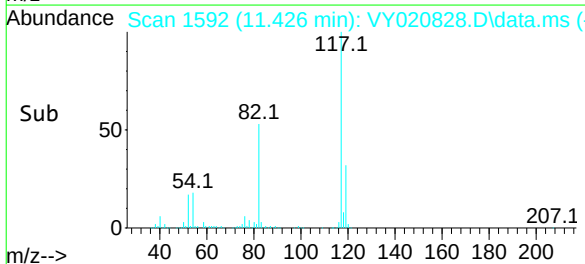
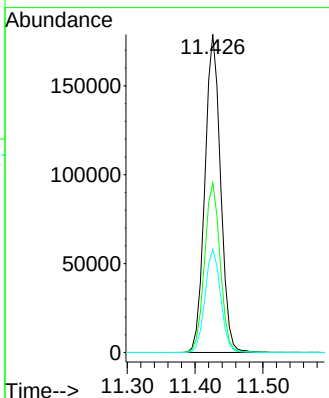
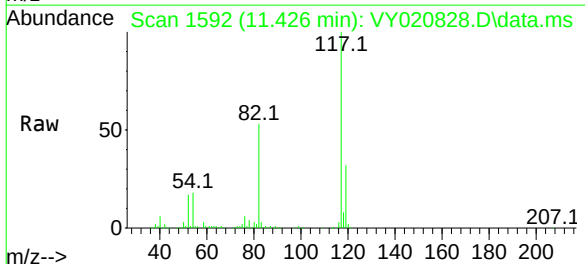
Tgt Ion:117 Resp: 287092

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.6

119 32.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020828.D

Acq: 15 Jan 2025 10:25

Tgt Ion:152 Resp: 108328

Ion Ratio Lower Upper

152 100

115 57.3 29.0 87.0

150 155.8 0.0 347.4

