

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111724\
 Data File : VY020323.D
 Acq On : 17 Nov 2024 14:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 18 02:23:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111724S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 18 02:20:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	217338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	433622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	434930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	162567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135459	56.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.280%
35) Dibromofluoromethane	7.640	113	145693	48.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.260%
50) Toluene-d8	10.109	98	545877	49.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.408	95	161024	48.513	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.020%

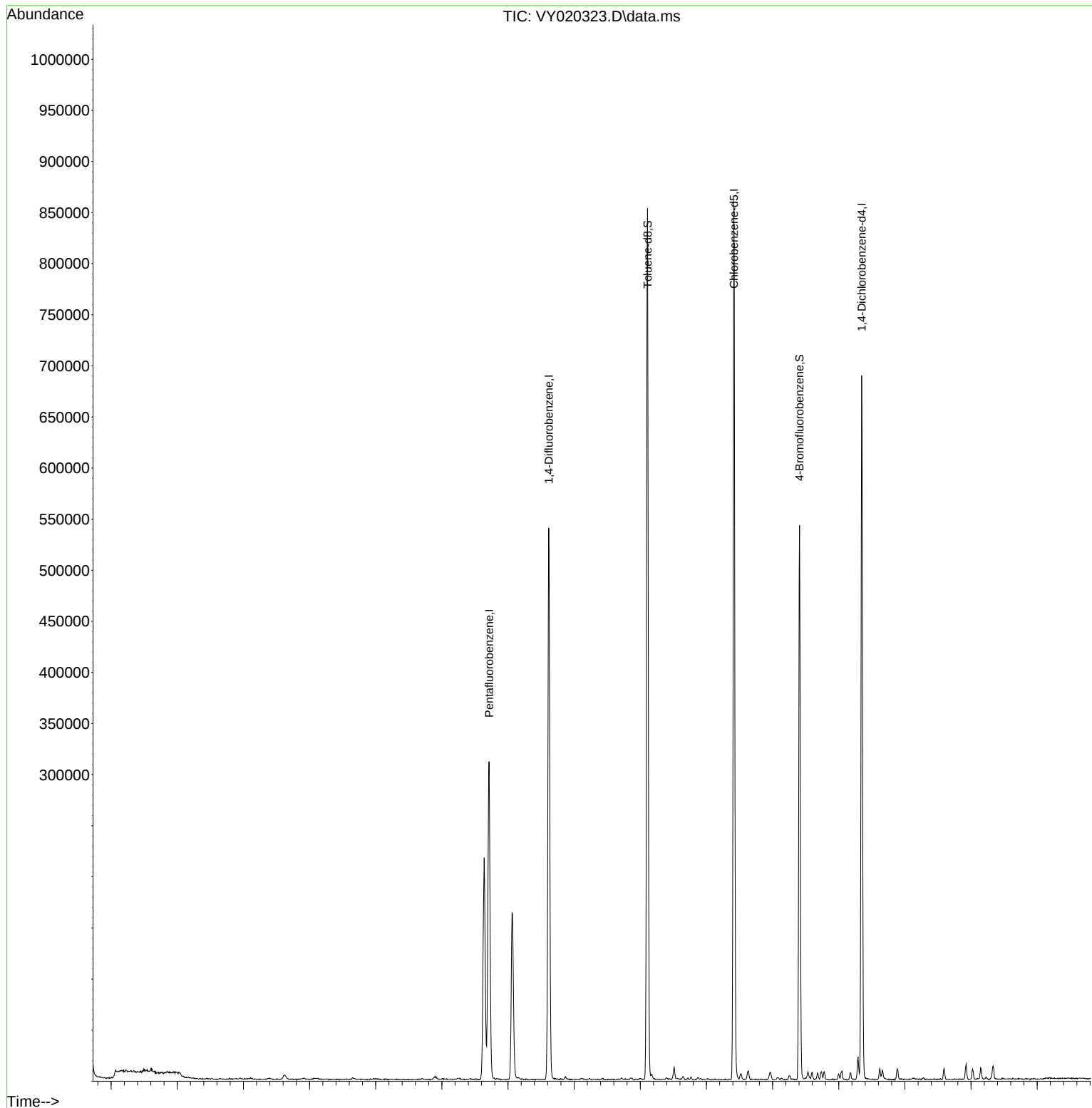
Target Compounds Qvalue

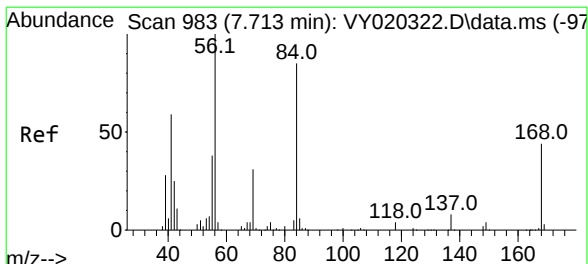
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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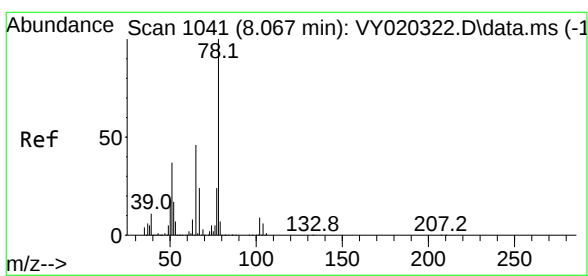
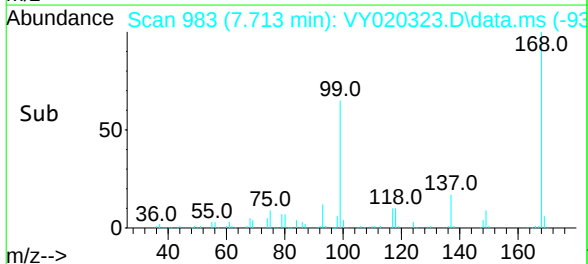
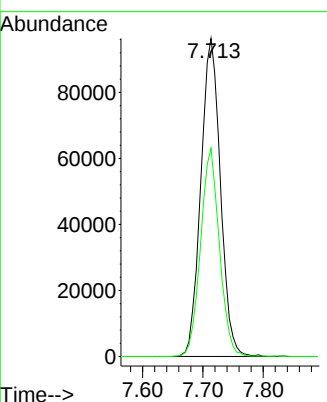
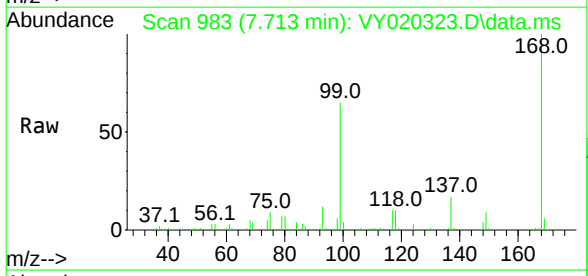




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

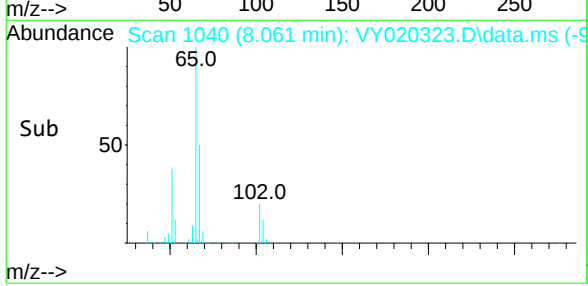
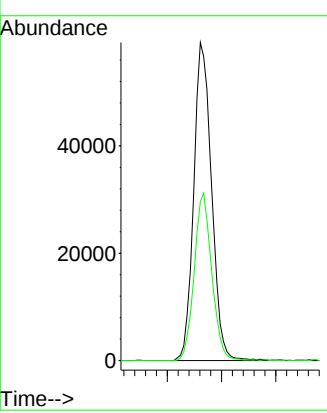
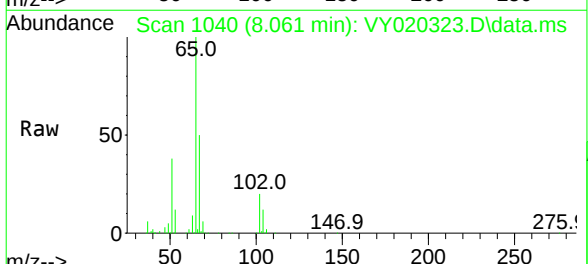
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

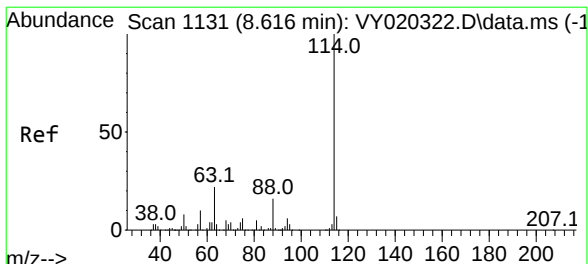
Tgt Ion:168 Resp: 217338
Ion Ratio Lower Upper
168 100
99 65.5 48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 56.640 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020323.D
Acq: 17 Nov 2024 14:02

Tgt Ion: 65 Resp: 135459
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4

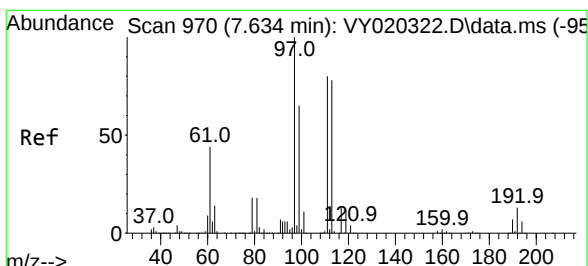
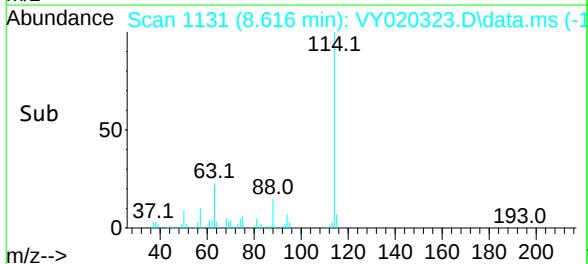
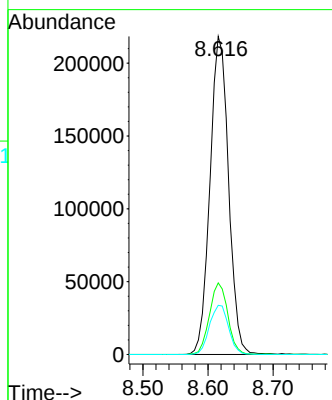
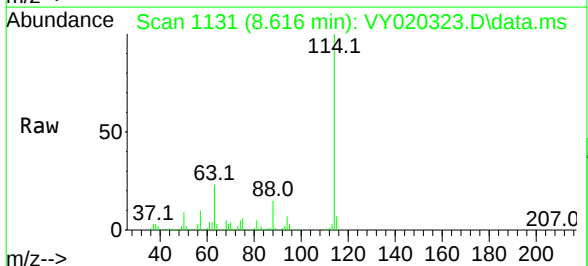




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY020323.D
 Acq: 17 Nov 2024 14:02

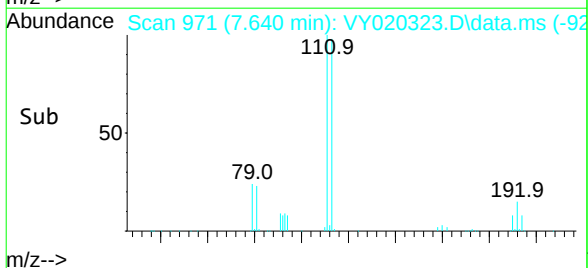
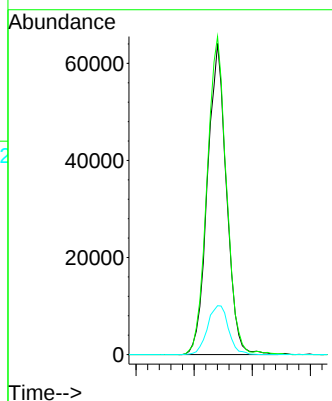
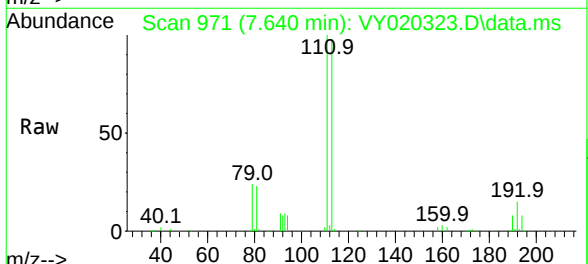
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

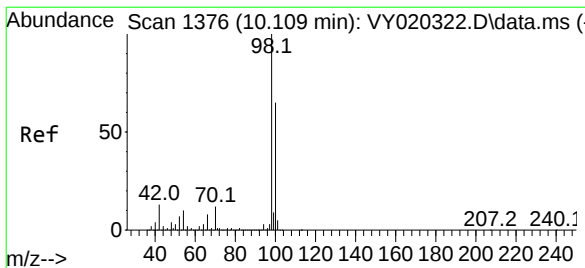
Tgt Ion:	114	Resp:	433622
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.2
88	15.5	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 48.134 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.000 min
 Lab File: VY020323.D
 Acq: 17 Nov 2024 14:02

Tgt Ion:	113	Resp:	145693
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.1	124.7
192	17.3	14.2	21.4





#50

Toluene-d8

Concen: 49.981 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020323.D

Acq: 17 Nov 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

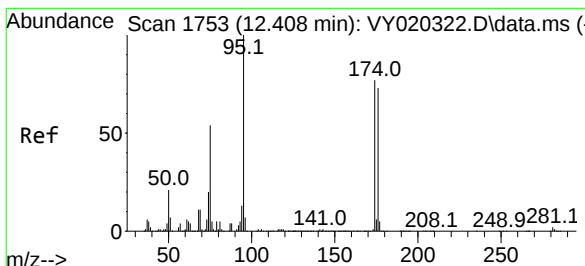
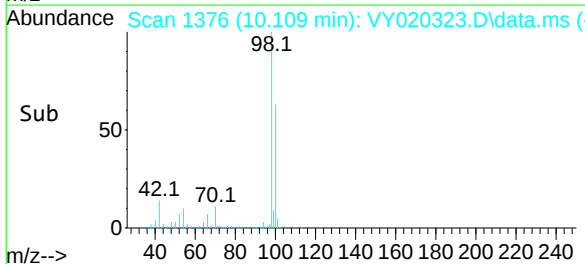
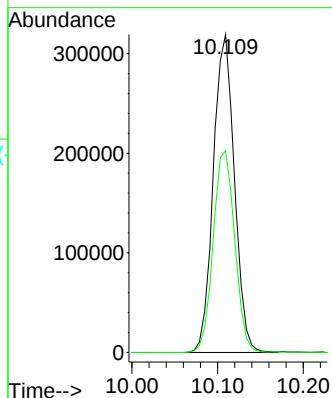
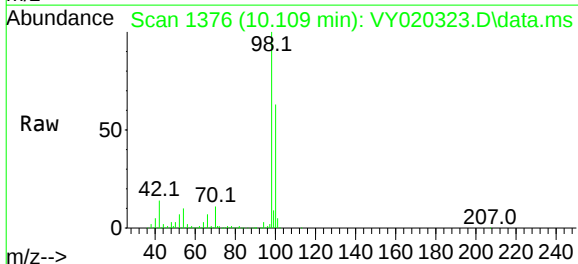
VIBLK

Tgt Ion: 98 Resp: 545877

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 48.513 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY020323.D

Acq: 17 Nov 2024 14:02

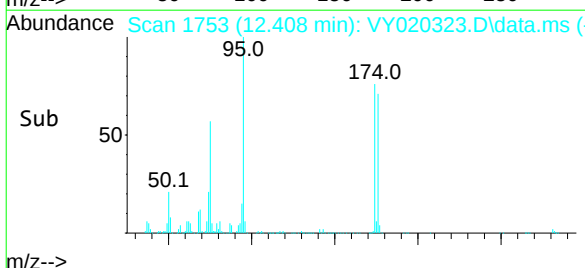
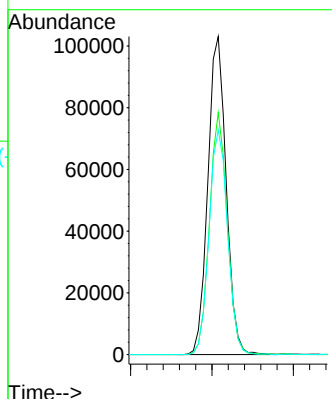
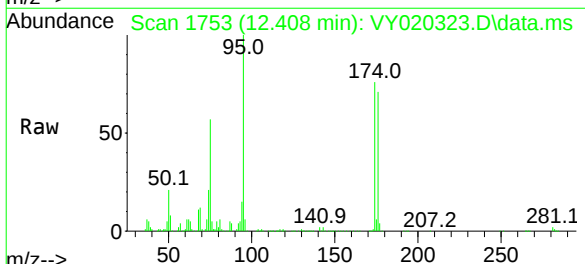
Tgt Ion: 95 Resp: 161024

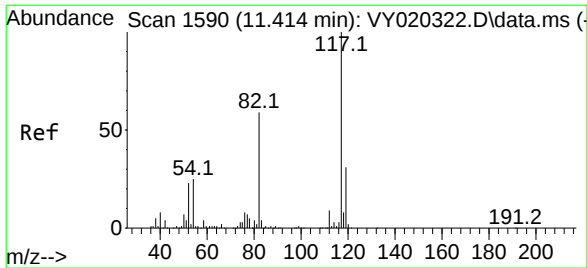
Ion Ratio Lower Upper

95 100

174 74.0 0.0 151.0

176 71.3 0.0 143.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020323.D

Acq: 17 Nov 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

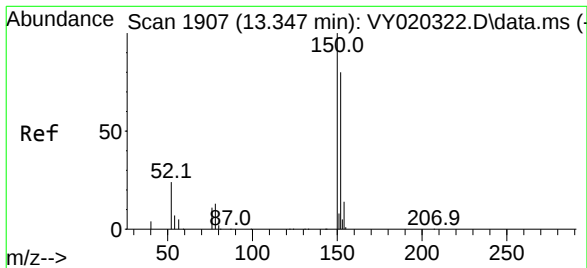
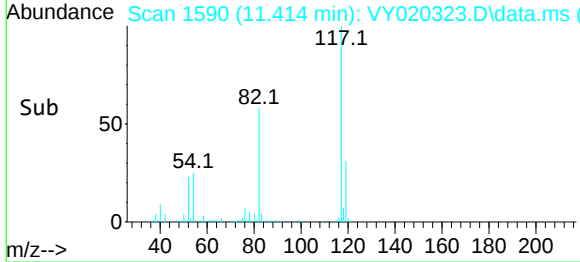
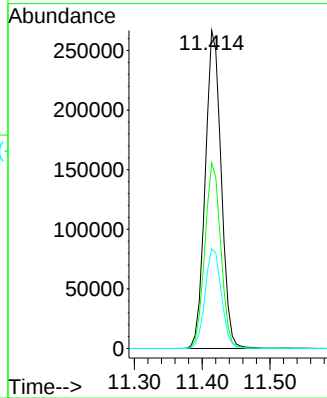
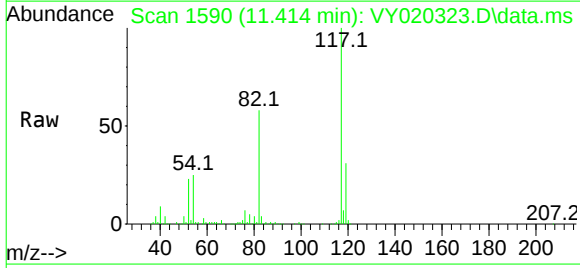
Tgt Ion:117 Resp: 434930

Ion Ratio Lower Upper

117 100

82 58.4 45.5 68.3

119 31.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020323.D

Acq: 17 Nov 2024 14:02

Tgt Ion:152 Resp: 162567

Ion Ratio Lower Upper

152 100

115 61.5 30.2 90.6

150 155.2 0.0 348.2

