

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074214.D
 Acq On : 31 Aug 2022 15:09
 Operator : JC\MD
 Sample : N4455-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 01 00:25:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	209538	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	382609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	368325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	164829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	166945	51.361	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.720%
35) Dibromofluoromethane	7.951	113	135907	54.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.180%
50) Toluene-d8	10.380	98	453831	46.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.669	95	174730	58.601	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.200%

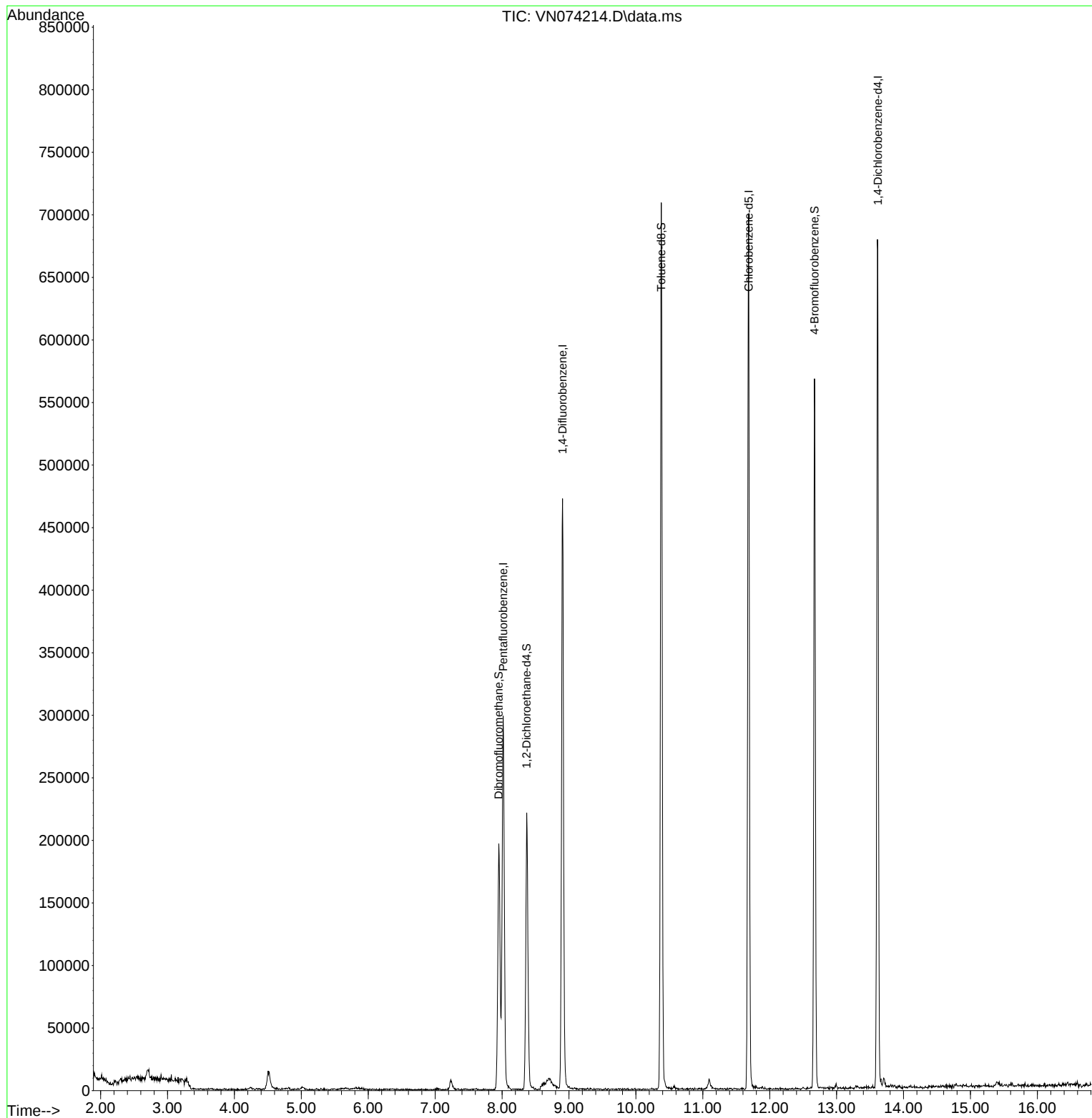
Target Compounds	Qvalue

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

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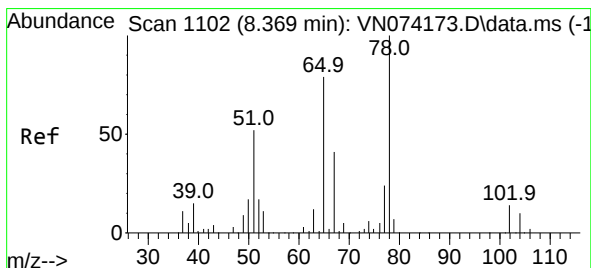
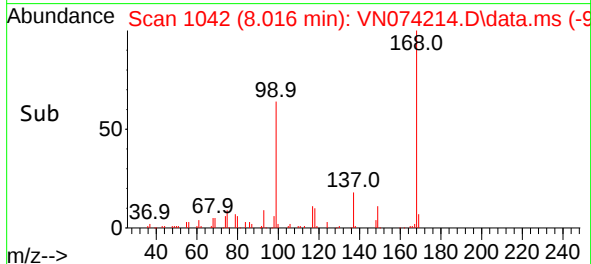
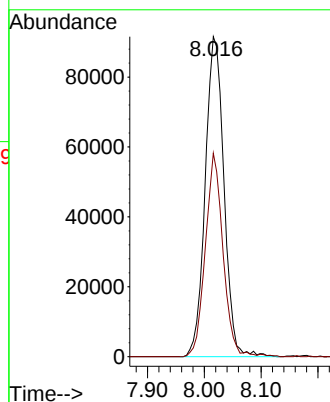
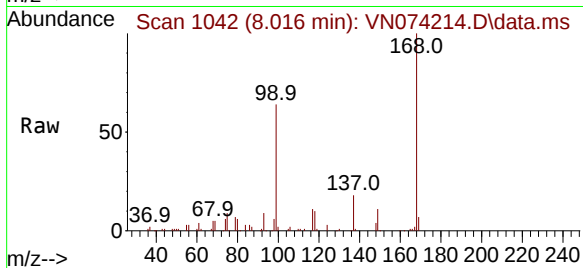




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074214.D
Acq: 31 Aug 2022 15:09

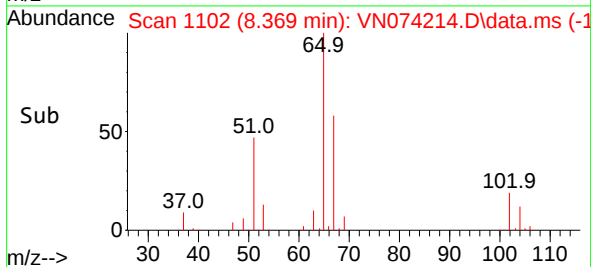
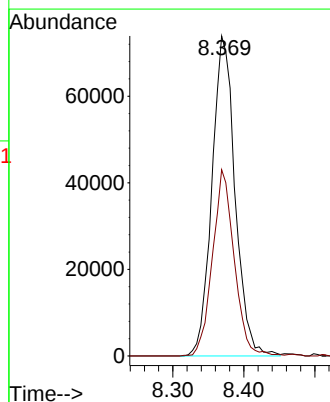
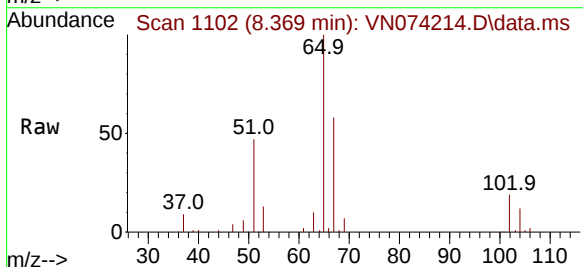
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

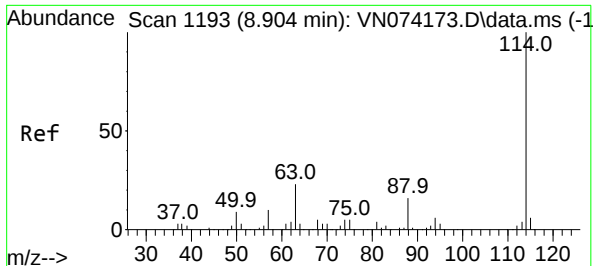
Tgt Ion:168 Resp: 209538
Ion Ratio Lower Upper
168 100
99 63.6 42.3 63.5#



#33
1,2-Dichloroethane-d4
Concen: 51.361 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074214.D
Acq: 31 Aug 2022 15:09

Tgt Ion: 65 Resp: 166945
Ion Ratio Lower Upper
65 100
67 54.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074214.D

Acq: 31 Aug 2022 15:09

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

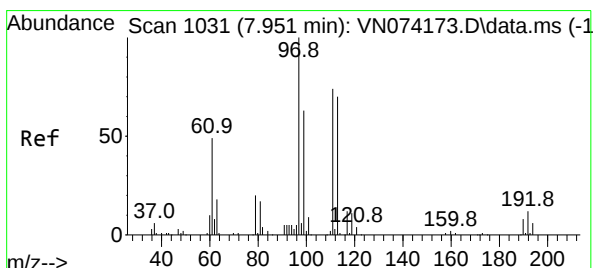
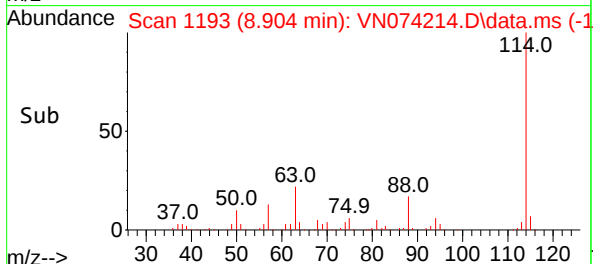
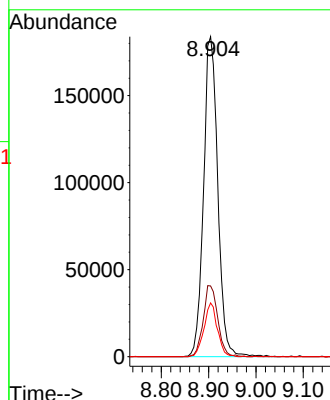
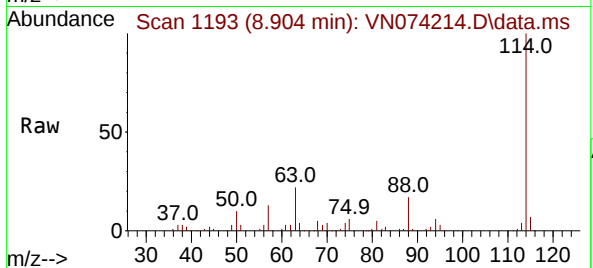
Tgt Ion:114 Resp: 382609

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.587 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074214.D

Acq: 31 Aug 2022 15:09

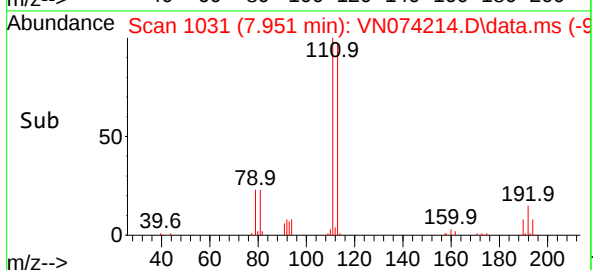
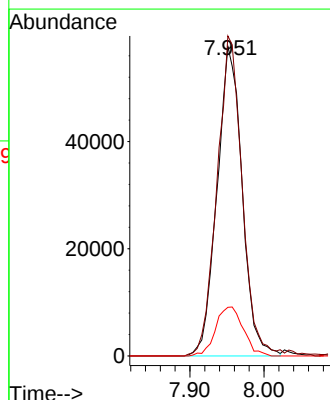
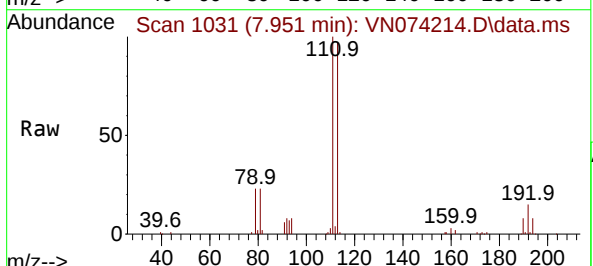
Tgt Ion:113 Resp: 135907

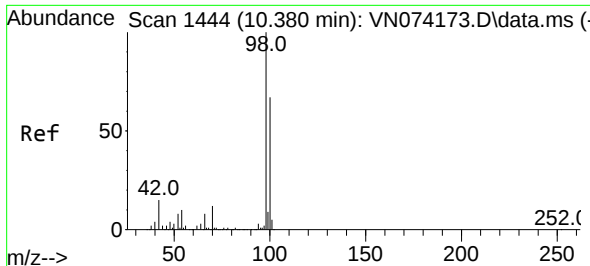
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 17.5 17.0 25.6

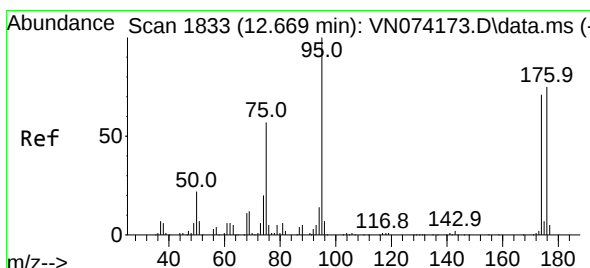
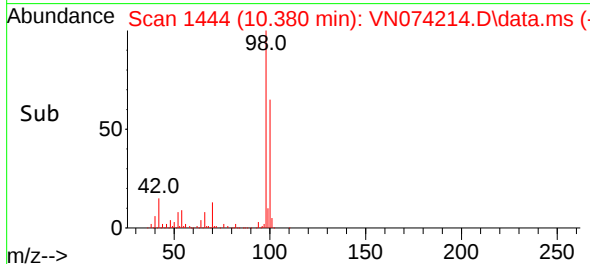
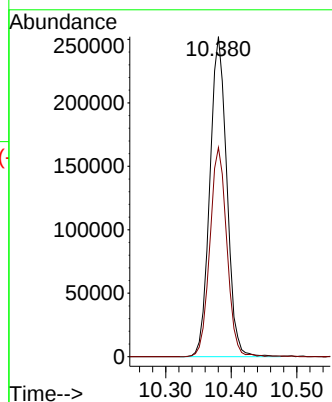
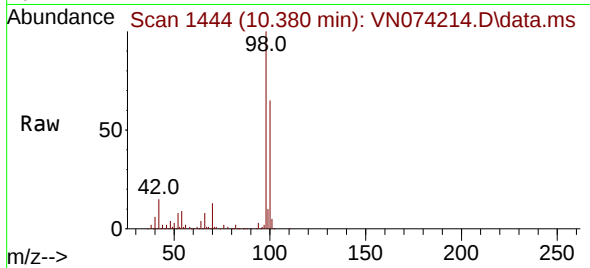




#50
Toluene-d8
Concen: 46.287 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074214.D
Acq: 31 Aug 2022 15:09

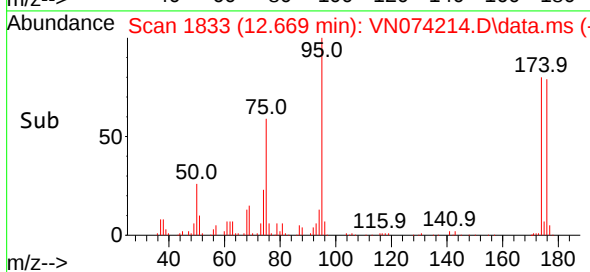
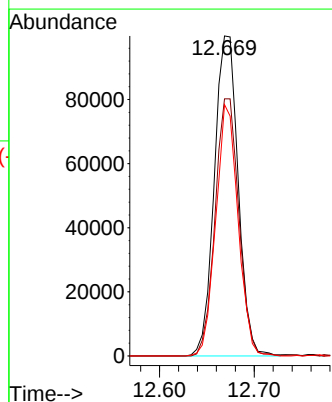
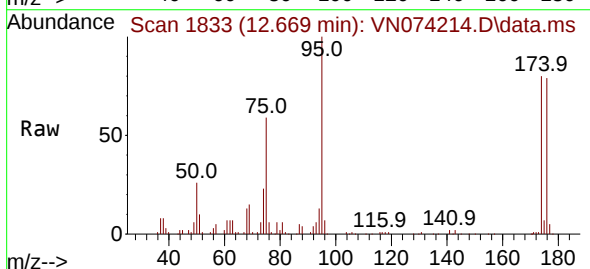
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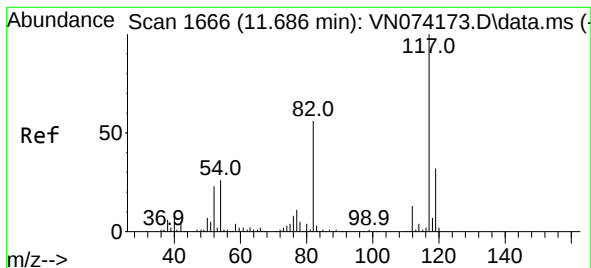
Tgt Ion: 98 Resp: 453831
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.601 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074214.D
Acq: 31 Aug 2022 15:09

Tgt Ion: 95 Resp: 174730
Ion Ratio Lower Upper
95 100
174 80.0 0.0 167.6
176 73.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074214.D

Acq: 31 Aug 2022 15:09

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

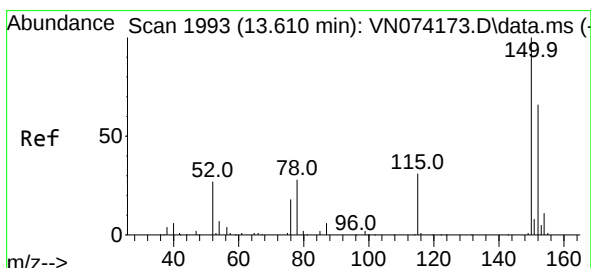
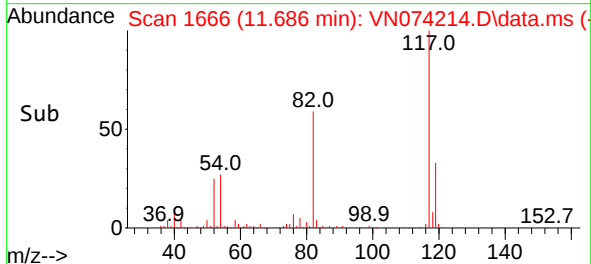
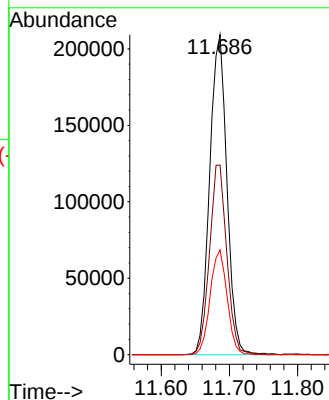
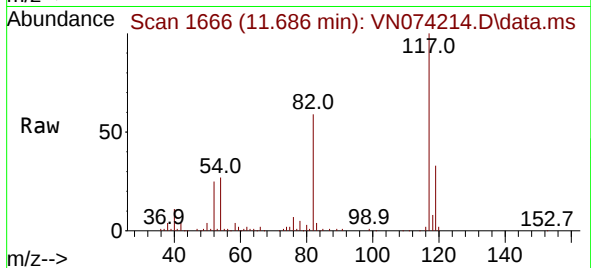
Tgt Ion:117 Resp: 368325

Ion Ratio Lower Upper

117 100

82 59.2 44.2 66.2

119 32.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN074214.D

Acq: 31 Aug 2022 15:09

Tgt Ion:152 Resp: 164829

Ion Ratio Lower Upper

152 100

115 61.0 28.9 86.7

150 156.2 0.0 356.2

